



**3.3.1: The Institution ensures implementation of its stated Code of Ethics for research. The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following:**

- 1. There is an Institutional ethics committee which oversees the implementation of all research projects**
- 2. All the projects including student project work are subjected to the Institutional ethics committee clearance**
- 3. The Institution has plagiarism check software based on the Institutional policy**
- 4. Norms and guidelines for research ethics and publication guidelines are followed**

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# **ADHIPARASAKTHI DENTAL COLLEGE & HOSPITAL**

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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

## **CERTIFICATE OF THE HEAD OF THE INSTITUTION**



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DENTAL COLLEGE & HOSPITAL**

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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

**Dr.S.KARTHIGA KANNAN,MDS.,**

**PRINCIPAL.**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify our Institution ensures implementation of its stated **Code of Ethics for research** the implementation of which is ensured by the following:

1. There is an Institutional ethics committee which oversees the implementation of all research projects
2. All the projects including student project work are subjected to the Institutional ethics committee clearance
3. The Institution has plagiarism check software based on the Institutional policy
4. Norms and guidelines for research ethics and publication guidelines are followed

details are given below:



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**Prof.Dr.S.Karthiga Kannan, MDS.,**  
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## **CODE OF ETHICS OF RESEARCH**



# ADHIPARASAKTHI DENTAL COLLEGE & HOSPITAL

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## CODE OF ETHICS

- The institutional ethics committee has to prepare a constitution, standard operating procedures, conditions for member appointment, the offices, and the quorum requirements.
- Ethics committee shall review the research protocol and Good Clinical Practice Guidelines for Clinical Trials in India to safeguard the right, well-being, and safety of the trial participants.
- In the case of any adverse event during the clinical trial, the ethics committee shall analyze and forward its opinion.
- Ethics committee shall cooperate with the inspectors and officials authorized by the Central Drugs Standard Control Organization to enter its premises to inspect any record, data, or any document related to clinical trial and provide adequate replies to any query.
- The committee shall maintain all the information regarding the clinical trial for at least 5 years after the completion of the trial.
- The ethics committee registration is valid for 3 years. The committee should inform in writing to the licensing authority in case of any changes in the ethics committee. Licensing authority has the right to issue show cause notice in the event of any complaints and wrong doing. The authority has the right to cancel the registration of the committee.
- Ethics committee should have a minimum of 7 members and a maximum of 15 members, which includes a chairperson (independent of an institution or outside the institution), one-member secretary, clinicians (medical and scientific), legal expert, social scientist, and layperson.
- For clearing the protocol for a clinical trial, the ethics committee should have the quorum of at least five members: Basic scientist, legal expert, clinician, social scientist, and layperson.
- The principal investigator and the Ethical Committee members are expected to have adequate knowledge on Good Clinical Practice guidelines for clinical trials in India. Members representing ethics committee should have a postgraduate degree, possess sufficient scientific knowledge, and should be aware of their roles and responsibilities as board members
- There should be no conflict of interest while decision making on the research protocol from any of the committee members. All members should declare their conflict of interest.



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- The committee can invite specialist and experts in the case of discussion related to the topic of their expertise, but the invited experts will not have the right of voting.

## RESPONSIBILITIES OF ETHICS COMMITTEE

- The novelty of research and social value: The study should add to the existing knowledge or should help in innovation for the new knowledge and should benefit the society and humanity by enlarge.
- Scientifically sound: The research should be scientifically valid sound study design, appropriate.
- statistical analysis, the feasibility of the study, and precise scientific objective.
- Fair selection of the study samples: Selection of the vulnerable group for research with risky outcomes is a major ethical problem. Appropriate selection of the sample based on the merit of the study and justice to the sample is of most importance.
- Favorable risk–benefit ratio: Maximum benefit and minimum risk care should be taken to have minimal risk to the patient in comparison to the benefit. The benefit is assessed on the total good from the research to the individual and the society. Patients should not be exploited.
- Independent review of the research protocol: Review of the protocol for possible conflict of interest, the source of funding, and other financial details are to be thoroughly assessed. There should also be review of research design of the trial and risk to the population recruited in the trial.
- Informed consent: It should be taken from every sample recruited in the study; it should be voluntary, legal, and comprehending and should be recorded and maintained as per regulations of the country.
- Respect for potential and enrolled participants in the study: Autonomy of the participants involved in research is very crucial; the participants need to be informed of the risk and benefits involved in the trial, and they have the right to withdraw from the study at any given time.



  
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Submission of Research Protocol  
(after departmental review) to IRB

Review of the research protocol by the  
Scientific Committee of the institution

### Scientific content of the research:

Novelty of research, feasibility of research, sample size, confidence interval, hypothesis, research design, and appropriate statistical test.

Committee also checks for appropriate scientific writing and referencing style in the protocol submitted

Review of the protocol by  
registered Ethics Committee



  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. Mithra R, Post Graduate Student, Department of Prosthodontics, under the title "Radiographic and Histologic assessment of eggshell derived hydroxyapatite as a bone graft substitute in extraction sockets" Ref no.: 2017-MDS-Br I-PRA-01/APDCH under the guidance of Dr. Prabhu K for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



Principal

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Om Sakthi



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This Ethical Committee has reviewed the research Protocol submitted by Dr. P.KABILAN, Post Graduate Student, Department of Prosthodontics, under the title "Comparison of cutting efficiency between normal tapered diamond points and spiral tapered diamond points an *in-vitro* study" Ref no.: 2017-MDS-Br.I-VEN-02/APDCH under the guidance of Dr. PONSEKAR ABRAHAM, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

*[Signature]*  
Principal

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This Ethical Committee has reviewed the research Protocol submitted by Dr. JEEVITHA MANI, Post Graduate Student, Department of Prosthodontics, under the title "Comparative evaluation of fracture strength of CAD/CAM anterior FPD framework made with Zirconia and PEEK cemented using resin cement - An *in-vitro* study" Ref no.: 2018-MDS-BrI-VEN-15/APDCH under the guidance of Dr. A. Ponselkar Abraham M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
Principal

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This Ethical Committee has undergone the Research Protocol submitted by Dr.S.Nithyapriya, Post Graduate Student, Department of Prosthodontics, Crowns & Bridges, under the title "In Vitro Comparison of Loss of Torque between Gold and Titanium Screws in Dental Implants" Ref no: 2016-MDS-Br I-ASR-01/APDCH under the guidance of Dr.N.Venkatesan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the Investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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This Ethical Committee has undergone the Research Protocol submitted by Dr.A.T.Ganagamani, Post Graduate Student, Department of Prosthodontics, Crowns & Bridges, under the title "Comparison of Dimensional Accuracy of Impressions made with Closed and Open tray Impression techniques using Multi-unit Abutments for Dental Implants" Ref no: 2016-MDS-Br I-VEN-03/APDCH under the guidance of Dr.N.Venkatesan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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## ANNEXURE


**INSTITUTIONAL ETHICS COMMITTEE AND REVIEW BOARD**
**ADHIPARASAKTHI DENTAL COLLEGE AND HOSPITAL**
**Melmaruvathur, Tamilnadu-603019**

An ISO 9001:2008 certified institution. Accredited by NAAC with "B" grade.

Recognised by DCI, New Delhi. Affiliated to: The Tamil Nadu Dr. M.G.R. Medical University, Chennai.

**CHAIR PERSON**

Prof. Dr. S. Thillainayagam, MDS

**MEMBERS**

Dr. K. Rajkumar, BSc, MDS.

Dr. H. Murali, MDS.

Dr. Muthuraj, MSc, MPhil, PhD

Prof. Dr. N. Thilagavathi, MDS

Prof. Dr. S. Gokkulakrishnan, MDS

Prof. Dr. A. Vasanthakumari, MDS

Dr. N. Manisundar, MDS

Shri. Balaji, BA, BL

Shri. E. P. Elumalai

**MEMBER SECRETARY**

Prof. Dr. T. Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by **Dr. S. VINOTH KUMAR** Post Graduate Student, Department of prosthodontics under the title "To assess the Effect of low level laser therapy on sensitivity of teeth prepared for fixed partial denture – A Randomized Control Trial", Reference No: 2015-MD-Brl-VEN-03/APDCH under the guidance of **DR. T. RAMAKRISHNAN** for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
**CHAIR PERSON**

  
**PRINCIPAL**
**S. Karthiga Kannan, MDS.,**  
**ADHIPARASAKTHI**  
 DENTAL COLLEGE & HOSPITAL  
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 Cheyyur Taluk, Chengalpattu District  
 Tamil Nadu - 603 319

- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.



# INSTITUTIONAL ETHICS COMMITTEE AND REVIEW BOARD

## ADHIPARASAKTHI DENTAL COLLEGE AND HOSPITAL

Melmaruvathur, Tamilnadu-603319

An ISO 9001:2008 certified institution.

Accredited by NAAC with "B" grade.

Recognised by DCI, New Delhi,  
Chennai.

Affiliated to: The Tamil Nadu Dr. M.G.R. Medical University,

### CHAIR PERSON

Dr.S.Thilainayagam. MDS

### MEMBERS

Dr.K.Rajkumar, B.sc,MDs

Dr.H.Murali, MDS

Muthuraj, MSc, MPhil, PhD

Dr.Thilagavathi, MDS

Dr.Gokulakrishnan. MDS

Dr.A.Vasanthakumari, MDS

Dr.N.Manisundar, MDS

Balaji, BA, BL

E.P.Elumalai

### MEMBER SECRETARY

Dr.P.Ramakrishnan,

S

This ethical committee has undergone the research protocol submitted by **Dr.A.MANIARASAN**, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title **"To chart the color accuracy of DSLR camera in conjunction with the imaging software for excellence in fixed prosthodontics"** Reference No: **2015-MD-BrI-PRB-02/APDCH**, under the guidance of **Prof. Dr.A.S.Ramesh MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

**PRINCIPAL**

**Prof.Dr.S.Karthiga Kannan, MDS.**

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**PRINCIPAL**

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This Ethical Committee has undergone the Research Protocol submitted by Dr. Vidhu Antony, Post Graduate Student, Department of Prosthodontics, Crowns & Bridges, under the title "Comparison of Shade Selection by Smartphone Camera and DSLR Camera using Vita 3D Master shade guide-An Invitro Study" Ref no: 2016-MDS-Br I-ASR-02/APDCH under the guidance of Dr.N.Venkatesan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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INSTITUTIONAL ETHICS COMMITTEE AND REVIEW BOARD



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**CHAIR PERSON**

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**MEMBERS**

Dr. K. Rajkumar, BSc, MDS.

Dr. H. Murali, MDS.

Dr. Muthuraj, MSc, MPhil, PhD

Prof. Dr. N. Thilagavathi, MDS

Prof. Dr. S. Gokkulakrishnan, MDS

Prof. Dr. A. Vasanthakumari, MDS

Dr. N. Manisundar, MDS

Shri. Balaji, BA, BL

Shri. E. P. Elumalai

**MEMBER SECRETARY**

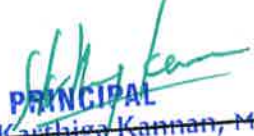
Prof. Dr. T. Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by **S. ELAKKIYA** Post Graduate Student, **Department of Prosthodontics** under the title "Influence of dental chair backrest inclination on the three dimensional positioning of the mandible – A Clinical Trial.", Reference No: **2015- MD-BrI-ASR-01/APDCH** under the guidance of **DR. T. RAMAKRISHNAN** for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
CHAIR PERSON

  
**PRINCIPAL**  
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- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
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Prof.Dr.T.Ramakrishnan, MDS

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Prof.Dr.K.Vijayalakshmi, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr.J.Raghunathan**, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title "**Comparison Of Bond Strength Of Porcelain Laminate Veneers Bonded To Laser Treated Dentin And Acid Treated Dentin – An In Vitro Study**" Reference No: 2014-MD-BrI-RIJ-03, under the guidance of **Prof. Dr.A.S.Ramesh MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/14



**PRINCIPAL**  
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**Member secretary**





# INSTITUTIONAL ETHICS COMMITTEE AND REVIEW BOARD

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Prof. Dr. T. Ramakrishnan, MDS

Prof. Dr. T. Vetrivelvan, MPharm,

MD

Prof. Dr. A. Vasanthakumari, MDS

Prof. Dr. N. Venkatesan, MDS

Prof. Dr. K. Vijayalakshmi, MDS

Prof. Dr. Balaji, BA, BL

Prof. Dr. E. P. Elumalai

### MEMBER SECRETARY

Prof. Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr. V. C. Karthik, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title "Randomized Controlled Study On Effect Of Concentrated Growth Factors On Crestal Bone Levels And Peri-Implant Bone Density In Dental Implants" Reference No: 2014-MD-BrI-Ven-02, under the guidance of Prof. Dr. N. Venkatesan MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/14

  
PRINCIPAL  
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Member secretary



**INSTITUTIONAL ETHICS COMMITTEE AND  
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Prof. Dr. T. Ramakrishnan, MDS

Prof. Dr. T. Vetriselvan, MPharm,  
PhD

Prof. Dr. A. Vasanthakumari, MDS

Prof. Dr. N. Venkatesan, MDS

Prof. Dr. K. Vijayalakshmi, MDS

Shri. Balaji, BA, BL

Shri. E. P. Elumalai

**MEMBER SECRETARY**

Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr. I. Edilbert raja, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title "Accuracy Of Fit Of Screw Retained Implant Super Structures Cast From Conventional Vs 3d Printed Pattern : An In Vitro Study " Reference No: 2014-MD-BrI-ASR-01 under the guidance of Prof. Dr. A. S. Ramesh MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/16

**PRINCIPAL**  
Prof. Dr. S. Karthiga-Kannan, MDS.,  
**ADHIPARASAKTHI**  
DENTAL COLLEGE & HOSPITAL  
Hospital Road, Melmaruvathur  
Cheyyar Taluk, Chengalpattu District  
Tamil Nadu - 603 319

**Member secretary**



Om Sakthi



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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. K. PRIYADURGA, Post Graduate Student, Department of Periodontics and Oral Implantology, under the title "Evaluation and Comparison of CRP levels in periodontally healthy vs periodontally diseased patients before and after phase I therapy":

Ref no.: 2018-MDS-Br. II-RAM-04 /APDCH under the guidance of

Dr. Y. PRADEEP KUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

MEMBER SECRETARY

PRINCIPAL

Prof. Dr. S. Karthiga Kannan, MDS.,  
ADHIPARASAKTHI  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. E. RAMNATH, Post Graduate Student, Department of Periodontics, under the title "Comparison of Root Coverage Procedure done with and without Loupes along with CGF in Miller's Class I and Class II Bilateral Gingival Recessions – A Clinical Study" Ref no.: 2017-MDS-BrII-RAM-05/APDCH under the guidance of Dr. T. Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

*S. Karthiga*  
**PRINCIPAL**  
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 A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. M.A. Mejalla, Post Graduate Student, Department of Periodontics, under the title "Evaluation of Coronally Advanced Flap with Collagen Membrane Versus Amniotic Membrane in Treating Miller's Class I and II Gingival Recession: A Comparative Study" Ref no.: 2017-MDS-BrII-RAM-04/APDCH under the guidance of Dr. T. Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

*S.K. Karthiga*  
**PRINCIPAL**

**Prof.Dr.S.Karthiga Kannan, MDS.,**  
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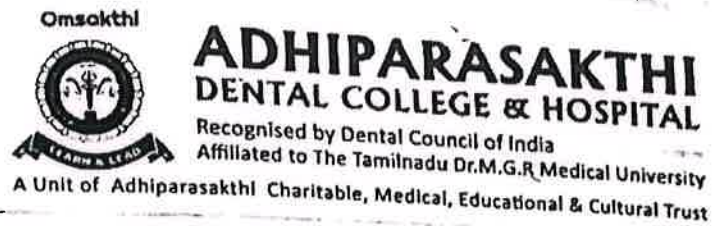


*[Signature]*  
 Principal

**PRINCIPAL**



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 Melmaruvathur - 603 319  
 Kanchipuram Dist., Tamil Nadu



This Ethical Committee has undergone the research Protocol submitted by Dr.P.Indumathi, Post Graduate Student, Department of Periodontics, under the title "Estimation of Serum Albumin levels in Chronic Generalized Periodontitis and Localised Aggressive Periodontitis patients and Compare it with Periodontally Healthy Individuals" Ref no : 2016-MDS-BrII-VID-05/APDCH under the guidance of Dr.T.Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

**PRINCIPAL**  
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**PRINCIPAL**  
**Prof. Dr. S. Karthiga Kannan, MDS.,**  
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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has undergone the research Protocol submitted by Dr.R.Dhivya, Post Graduate Student, Department of Periodontics, under the title "Comparison of Coronally Advanced Flap with or without the use of Concentrated Growth Factor as membrane in the Treatment of Miller's Class I/Class II Gingival Recession-A clinical study" Ref no : 2016-MDS-BrII-MAN- 04/APDCII under the guidance of Dr.T.Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
Principal

PRINCIPAL  
Adhiparasakthi Dental College and Hospital  
Melmaruvathur - 603 319.



PRINCIPAL  
Prof. Dr. S. Karthiga Kannan, MDS.,  
ADHIPARASAKTHI



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Prof.Dr.S.Gokkulakrishnan, MDS

Prof.Dr.A.Vasanthakumari, MDS

Dr.N.Manisundar, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

### MEMBER SECRETARY

Prof.Dr.T.Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by SHOBANA . P Post Graduate Student, Dept of PERIODONTICS under the title "EVALUATION OF SYSTEMIC MARKERS RELATED TO ANEMIA IN THE PERIPHERAL BLOOD OF GENERALIZED AGGRESSIVE PERIODONTITIS PATIENTS BEFORE AND AFTER PHASE I PERIODONTAL THERAPY - AN INTERVENTIONAL STUDY", Reference No: 2015-MD-Br II-VID-05/APDCH under the guidance of **DR. T. RAMAKRISHNAN** for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 27/11

PRINCIPAL

Prof.Dr.S.Karthiga Kannan, MDS.,  
ADHIPARASAKTHI

DENTAL COLLEGE  
Hospital Road, Melmaruvathur  
Cheyyur Taluk, Chengalpattu District,  
Tamil Nadu - 603 319

CHAIR PERSON



- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.



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Dr.Muthuraj, MSc, MPhil, PhD

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Prof.Dr.S.Gokkulakrishnan, MDS

Prof.Dr.A.Vasanthakumari, MDS

Dr.N.Manisundar, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

### MEMBER SECRETARY

Prof.Dr.T.Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by IRUDAYA NIRMALA J Post Graduate Student, Dept of PERIODONTICS under the title "COMPARISON OF SALIVARY LEVELS OF AMYLASE AND MUCIN IN CHRONIC GENERALISED PERIODONTITIS PATIENTS BEFORE AND AFTER PHASE I PERIODONTAL THERAPY", Reference No: 2015- MD-Br II-MAN-04/APDCH under the guidance of DR. T. RAMAKRISHNAN for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 29/1/17

PRINCIPAL

Prof.Dr.S.Karthiga Kannan, MDS.

CHAIR PERSON



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r.A.Vasanthakumari, MDS

r.N.Venkatesan, MDS

r.K.Vijayalakshmi, MDS

r.Saji, BA, BL

r.Elumalai

### MEMBER SECRETARY

r.Anakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr.M.J.Renganath, Post Graduate Student, Department of Periodontology under the title "Evaluation of serum and salivary alkaline phosphatase levels in patients with chronic periodontitis before and after non-surgical periodontal therapy: a comparative study" Reference No: 2014-MD-BrII-SAS-05, under the guidance of Prof.Dr.T.Ramakrishnan for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

**PRINCIPAL**  
Prof.Dr.S.Karthiga Kannan, MDS.,  
ADHIPARASAKTHI  
DENTAL COLLEGE & HOSPITAL  
Hospital Road, Melmaruvathur,  
Cheruvu Taluk, Chengalpattu District  
Tamil Nadu - 603 319

Member secretary

Date:





# INSTITUTIONAL ETHICS COMMITTEE AND REVIEW BOARD

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- Dr. H. Murali, MDS
- Muthuraj, MSc, MPhil, PhD
- Dr. T. Ramakrishnan, MDS
- Dr. T. Vetriselvan, MPharm,
- Dr. A. Vasanthakumari, MDS
- N. Venkatesan, MDS
- Dr. K. Vijayalakshmi, MDS
- Balaji, BA, BL
- E. P. Elumalai

### MEMBER SECRETARY

S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr. S. ANITHA DEVI, Post Graduate Student, Department of PERIODONTICS under the title "EFFICACY OF SCALING AND ROOT PLANING WITH AND WITHOUT ADJUNCTIVE USE OF DIODE LASER OR TETRACYCLINE FIBERS IN PATIENTS WITH GENERALISED CHRONIC PERIODONTITIS - A COMPARATIVE STUDY" "Reference No: 2014-MD-BrII-BOB-04, under the guidance of Dr. T. RAMAKRISHNAN., MDS for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

*S. Karthiga Kannan*  
**PRINCIPAL**  
 Prof. Dr. S. Karthiga Kannan, MDS.,  
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 DENTAL COLLEGE & HOSPITAL  
 Hospital Road, Melmaruvathur,  
 Chennai - 603 019, Tamil Nadu - 603 019

*S. Meenakshi*  
**Member secretary**  
 Date:



Om Sakthi



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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. S. Pazhani Prasanth, Post Graduate Student, Department of Prosthodontics, crown and bridge, under the title "Comparison of Marginal accuracy and Internal fit of Ceramic Partial Veneer restorations fabricated by CAD/CAM using Digital impressions versus Conventional impressions - An in-vitro study" Ref no.: 2018-MDS-BrI-VEN-02/APDCH under the guidance of Dr. K. Prabhu, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

**MEMBER SECRETARY**

**PRINCIPAL**

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**PRINCIPAL**

**PRINCIPAL**



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This Ethical Committee has reviewed the research Protocol submitted by Dr. R.P. Pravin Tharsan, Post Graduate Student, Department of Prosthodontics, crown and bridge, under the title "Height and volumetric evaluation of soft tissue emergence profile around the implant recorded by conventional open tray impression method and using trios 3 shape intraoral scanner- a clinical study" Ref no.: 2018-MDS-BrI-ANA-01/APDCH under the guidance of Dr. S. Anand., M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

MEMBER SECRETARY

PRINCIPAL

PRINCIPAL

**PRINCIPAL**  
Prof. Dr. S. Karthiga Kannan, MDS.,  
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Om Sakthi



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This Ethical Committee has reviewed the research Protocol submitted by Dr. RM Muthu Annamalai, Post Graduate Student, Department of Prosthodontics, crown and bridge, under the title "An in-vitro study to compare the Debonding strength of Zirconia Laminate Veneers on Vertical and Horizontal Preparation Designs" Ref no.: 2018-MDS-BrI-SAK-01/APDCH under the guidance of Dr. K. Prabhu, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
MEMBER SECRETARY

  
PRINCIPAL  
Prof. Dr. S. Karthiga Kannan, MDS.,  
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## COMMITTEE MEMBERS





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## 5. INSTITUTIONAL REVIEW BOARD (IRB) - ETHICS COMMITTEE (IEC) & RESEARCH COMMITTEE

**COMPOSITION:** The Institute Review Board & Ethics Committee comprises of 15 members (09 - External; 06 - Internal). These members are as follows:

<b>CHAIR PERSON</b>	Dr.A.VasanthaKumari, MDS., Principal, APDCH
<b>CONVENOR</b>	Prof. Dr. V. Sudhakar, MDS., HOD, Department of Orthodontics, Adhiparasakthi Dental College & Hospital, Melmaruvathur.
<b>MEMBER SECRETARY</b>	Prof. Dr. Y.Pradeep Kumar, MDS., HOD-Incharge, Department of Periodontics, Adhiparasakthi Dental College & Hospital, Melmaruvathur.
<b>BASIC MEDICAL SCIENCES</b>	Dr.M.Muthuraj, B.Sc, M.Sc, MPhil, Ph.D, Bacteriologist, Government Hospital for Chest Diseases, Puducherry
<b>PHARMACOLOGY</b>	Prof. Dr. T. Vetriselvan, MPharm, PhD Principal, Adhiparasakthi College of Pharmacy, Melmaruvathur
<b>LAY PERSON</b>	Shri. Senthil Kumar, Melmaruvathur Panchayat
<b>LEGAL ADVISOR</b>	Shri. Balaji, BA. BL., Advocate, ACMEC Trust
<b>EXTERNAL SPECIALITY MEMBER</b>	Prof. Dr. T. Ramakrishnan, MDS, Principal, Meenakshi Ammal Dental College & Hospital
<b>EXTERNAL SPECIALITY MEMBER</b>	Dr. B. Thayumanavan, Principal, Sathyabama Dental College & Hospital, Chennai.
<b>EXTERNAL SPECIALITY MEMBER</b>	Prof. Dr. Saravana Kumar, MDS. Principal, Indira Gandhi Institute of Dental Sciences, Puducherry.
<b>EXTERNAL SPECIALITY MEMBER</b>	Prof. Dr. A. Mathan Mohan, MDS. Principal, Karpaga Vinayaga Institute of Dental Sciences, Chengalpet.



*S. Karthiga Kannan*  
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01-03-2024

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<b>EXTERNAL SPECIALITY MEMBER</b>	Dr.Sathish, Assistant Professor, Dept. of Genetic Engineering, School of Bio engineering SRM Institute of Science and Technology, sathish@srmist.edu.in
<b>INTERNAL SPECIALITY MEMBER</b>	Prof. Dr. D. Durairaj, MDS. HOD, Department of Oral & Maxillofacial Surgery, Adhiparasakthi Dental College & Hospital, Melmaruvathur
<b>INTERNAL SPECIALITY MEMBER</b>	Prof. Dr. N. Thilagavathi, MDS, Vice Principal, HOD, Department of Oral Medicine & Radiology, Adhiparasakthi Dental College & Hospital, Melmaruvathur
<b>INTERNAL SPECIALITY MEMBER</b>	Prof. Dr. B. Hema Sathya, MDS, HOD, Department of Endodontics, Adhiparasakthi Dental College & Hospital, Melmaruvathur
<b>INTERNAL SPECIALITY MEMBER</b>	Dr. S. Parthiban, MDS., PhD, Reader, Department of Periodontics, Adhiparasakthi Dental College & Hospital, Melmaruvathur.

**NB:** The decision of the committee will be by majority vote or a quorum of members (5-7 no's). If Chairman is absent, the Member secretary or any Specialty Member from the IRB-EC can chair the session with prior notification to the chairman.

*S. Karthiga Kannan*  
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*[Signature]*  
01-03-2021

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To: <"[icmr.ethics@gmail.com](mailto:icmr.ethics@gmail.com)"@[imsva02.cdacnoida.in](mailto:imsva02.cdacnoida.in)>

Dear Vasanthakumari A,

Login registration on NECRBHR, DHR Portal has been approved.

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User Id: [INFO@APDCH.EDU.IN](mailto:INFO@APDCH.EDU.IN)

You can login into the system.

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With Regards

NECRBHR, DHR

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"GIVE PAPER, THINK BEFORE YOU PRINT"



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# Ethics Committee registration with NECRBHR, DHR

External



Inbox



noreply@naitik.gov.in 06:53  
to "icmr.ethics"



Dear Dr. **Vasanthakumari A,**

Your Application No: **EC/NEW/INST/2022/2426**  
submitted to NECRBHR, DHR Portal has

been received. Your submitted documents are  
under consideration for grant of provisional  
registration

certificate by NECRBHR, DHR. You will receive a  
notification in your registered email ID when your  
provisional registration certificate is issued.

With regards

NECRBHR, DHR

011-23736904



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**ALL THE RESEARCH WORK AND DISSERTATION ARE  
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COMMITTEE CLEARANCE**

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This Ethical Committee has reviewed the research Protocol submitted by Dr. K. SATHISH KUMAR, Post Graduate Student, Department of Periodontics and Oral Implantology, under the title "Evaluation of Oral Malodor and Salivary pH before and after Phase I Therapy in Periodontally Healthy Individuals, Patients with Chronic Generalized Gingivitis, Chronic Generalized Periodontitis without any Systemic Disease: An Interventional Study" Ref no.: 2018-MDS-Br.II-RAM-05/APDCH under the guidance of Dr. Y. PRADEEP KUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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This Ethical Committee has reviewed the research Protocol submitted by Dr.LAVANYA.R, Post Graduate Student, Department of Orthodontics and Dentofacial Orthopedics, under the title "Comparative evaluation of rate of orthodontic tooth movement by varying site of Micro-osteoperforation(MOP) in patients undergoing fixed appliance therapy- An in vivo study" Ref no.: 2018-MDS-BrV-SUD-12/APDCH under the guidance of Dr.V.SUDHAKAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

**MEMBER SECRETARY**

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This Ethical Committee has reviewed the research Protocol submitted by Dr. DEEPAK BASKARAN.T.B., Post Graduate Student, Department of Orthodontics and Dentofacial Orthopaedics, under the title "Efficacy of fluoride releasing bonding system in prevention of white spot lesion development in patients undergoing fixed orthodontic therapy – An invivo study" Ref no.: 2018-MDS-BrV-SUD-11/APDCH under the guidance of Dr. V.SUDHAKAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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This Ethical Committee has reviewed the research Protocol submitted by Dr. Kishor Kumar. K.N, Post Graduate Student, Department of Periodontics, under the title "COMPARATIVE EVALUATION OF RATE OF ORTHODONTIC TOOTH MOVEMENT BY VARYING THE TIMING OF THERAPEUTIC EXTRACTIONS IN PATIENTS UNDERGOING FIXED APPLIANCE THERAPY - AN IN VIVO STUDY" Ref no.: 2017-MDS-BrV-SUD-12/APDCH under the guidance of Dr. V. Sudhakar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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This Ethical Committee has reviewed the research Protocol submitted by Dr. M.Anu Bharathy ,Post Graduate Student, Department of Orthodontics, under the title **“Comparative evaluation of shear bond strength of four different light cure orthodontic adhesives used in fixed appliance therapy - An in vivo study”** Ref no.: 2018-MDS-Br-SUD V-18/APDCH under the guidance of Dr. V. Sudhakar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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This Ethical Committee has undergone the research Protocol submitted by Dr.M.Vijaysri, Post Graduate Student, Department of Orthodontics and Dentofacial Orthopaedics, under the title "Critical Evaluation of Micro Osteo Perforation(MOP) assisted Orthodontic tooth movement by varying the number, and frequency of MOPs.-An invivo comparative study. " Ref no : 2016-MDS-BrV-SUD-11/APDCH under the guidance of Dr.V.Sudhakar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



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This Ethical Committee has undergone the research Protocol submitted by Dr. B.Sarath, Post Graduate Student, Department of Orthodontics and Dentofacial Orthopaedics, under the title "Evaluation of changes in Enamel Micro hardness in Patients undergoing Fixed Orthodontic Appliance therapy- A Randomized Controlled Trial " Ref no : 2016-MDS-BrV-SUD-12/APDCH under the guidance of Dr. V.Sudhakar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



*S. Karthiga Kannan*  
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Dr. Balaji, BA, BL

Dr. E. P. Elumalai

### MEMBER SECRETARY

Prof. Dr. T. Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by N.KARIKALAN, Post Graduate Student, Orthodontics and Dentofacial Orthopedics under the title "EVALUATION OF EFFECTIVENESS OF VARNISH CONTAINING FLUORIDE AND FLUORIDE VARNISH WITH CPP-ACP IN PREVENTION OF WHITE SPOT LESIONS IN PATIENTS UNDERGOING FIXED ORTHODONTIC THERAPY - AN INVIVO COMPARATIVE STUDY", Reference No: 2015-MD-Br II-MAN-12/APDCH under the guidance of DR. V.SUDHAKAR for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.


Date:

  
PRINCIPAL

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CHAIR PERSON

- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.

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Prof. Dr. A. Vasanthakumari, MDS

Dr. N. Manisundar, MDS

Dr. Balaji, BA, BL

Dr. E. P. Elumalai

### MEMBER SECRETARY

Prof. Dr. T. Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by T. BALAVIGNESH Post Graduate Student, Orthodontics and Dentofacial Orthopedics under the title "EFFECT OF MOBILE PHONE WITH AND WITHOUT EARPHONES USAGE ON METAL ION RELEASE FROM FIXED ORTHODONTIC APPLIANCES", Reference No: 2015- MD-Br II-MAN-11/APDCH under the guidance of DR. V. SUDHAKAR for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
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Prof. Dr. K. Vijayalakshmi, MDS

Shri. Balaji, BA, BL

Shri. E. P. Elumalai

#### MEMBER SECRETARY

Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by DR. S. SUGANYA, Post Graduate Student, Department of ORTHODONTICS & DENTOFACIAL ORTHOPEDICS under the title Measurement and comparison of bracket transfer accuracy of five indirect bonding techniques -An in vitro study. "Reference No: 2014-MD-BrV-VIJ-11, under the guidance of DR. V. SUDHAKAR, MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

*S. K. K. Kannan*

**PRINCIPAL**  
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*[Signature]*

Date:

Member secretary





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This Ethical Committee has reviewed the research Protocol submitted by Dr. T. Vaibhavi, Post Graduate Student, Department of Conservative Dentistry and Endodontics, under the title "Effect of preheating and radiant exposure on degree of conversion and microhardness of bulk fill composites: An invitro study". Ref no.: 2017-MDS-BrIV-10/APDCH under the guidance of Dr. B. Hema Sathya for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



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This Ethical Committee has reviewed the research Protocol submitted by Dr. A. YOGHA PADHMA, Post Graduate Student, Department of Conservative Dentistry and Endodontics, under the title "Influence of therapeutic radiation on the bond strength of resin based obturating system to the radicular dentin" Ref no.: 2017-MDS-BrIV-09/APDCH under the guidance of Dr. N. Bharath and Dr. B. Hema Sathya for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

**PRINCIPAL**  
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## ANNEXURE



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This Ethical Committee has reviewed the research Protocol submitted by Dr. V. Kanaga Priyaa, Post Graduate Student, Department of Conservative Dentistry and Endodontics, under the title "Comparative evaluation of antibacterial efficacy of Manuka honey, Indian honey and sodium hypochlorite against Enterococcus faecalis biofilm – an in vitro study" Ref no.: 2017-MDS-BrIV-08/APDCH under the guidance of Dr. B. Hemasathya for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



*[Signature]*  
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 Prof.Dr.S.Karthiga Kannan, MDS.,  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. RAMKUMAR S, Post Graduate Student, Department of Conservative dentistry and Endodontics, under the title "EVALUATION OF SYNRGISTIC REMINERALIZATION EFFECT OF ENAML MATRIX PROTEIN AND BIOACTIVE GLASS ON DEMINERALIZED ENAMEL - AN IN VITRO STUDY" Ref no.: 2018-MDS-BrIV-SRI-10/APDCH under the guidance of Dr.B.Hema Sathya, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

MEMBER SECRETARY **Dr.S.Karthiga Karman, MDS.,**



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This Ethical Committee has reviewed the research Protocol submitted by Dr. KAYALVIZHIMEENA M G, Post Graduate Student, Department of Conservative dentistry and Endodontics, under the title "EVALUATION OF ESTHETIC APPEARANCE AND STAINING ABILITY OF RESIN INFILTRATION SYSTEM, CPP-ACPF CONTAINING PASTE AND ADHESIVE ON ARTIFICIAL WHITE SPOT LESIONS- A COMPARATIVE IN VITRO STUDY" Ref no.: 2018-MDS-BrIV-SRI-09/APDCH under the guidance of Dr.B.Hema Sathya, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
MEMBER SECRETARY

  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. ANTON MICHAEL J, Post Graduate Student, Department of Conservative dentistry and Endodontics, under the title "COMPARISON OF CYCLIC FATIGUE RESISTANCE BETWEEN ROTARY AND RECIPROCATING FILES IN SIMULATED ROOT CANALS WITH CURVATURE PATTERNS PRESENT IN DIFFERENT REGION - AN INVITRO STUDY" Ref no.: 2018-MDS-BrIV-BHA-08/APDCH under the guidance of Dr. N. Bharath , M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

MEMBER SECRETARY



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This Ethical Committee has undergone the research Protocol submitted by Dr.K.Santhosh Kumar, Post Graduate Student, Department of Conservative Dentistry & Endodontics, under the title "Comparative Evaluation of effect of three Antioxidants on the Calcium:Phosphorous ratio of Enamel bleached with 35% Hydrogen peroxide: an Invitro Quantitative Energy-Dispersive X-ray analysis" Ref no : 2016-MDS-BrIV-THI-09/APDCH under the guidance of Dr.S.Thillainayagam for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



  
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This Ethical Committee has undergone the research Protocol submitted by Dr. Y.Reeja, Post Graduate Student, Department of Conservative Dentistry & Endodontics, under the title "Comparative Evaluation of Removal of Root canal filling material with Rotary and Reciprocating Retreatment file systems in combination with or without XP Endo finisher-An Invitro CBCT study" Ref no : 2016-MDS-BrIV-THI-08/APDCH under the guidance of Dr.S.Thillainayagam for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.





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Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr. S. SARAVANAN Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "COMPARATIVE EVALUATION OF SEALER PENETRATION INTO ROOT DENTIN FOLLOWING PRETREATMENT WITH TWO DIFFERENT CHELATING AGENTS – AN INVITRO STUDY" Reference No: 2015- MD-BrIV-SAT-10/APDCH under the guidance of Dr. S. THILLAINAYAGAM MDS., for consideration of approval to proceed with the study.

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This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

*S. Saravanan*

*[Signature]*  
Member secretary

**PRINCIPAL**



Prof. Dr. K. Rajkumar, MDS.,  
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Sri. Balaji, BA, BL

Sri. E. P. Elumalai

### MEMBER SECRETARY

Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr. A. KARTHIKEYAN** Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**A COMPARATIVE EVALUATION OF ANTIBACTERIAL EFFICACY OF NEEM AND TURMERIC WITH AND WITHOUT ADDITION OF CALCIUM HYDROXIDE AGAINST ENTEROCOCCUS FAECALIS - AN IN VITRO STUDY**" Reference No: 2015- MD-BrIV-SAT-09/APDCH under the guidance of **Dr. S. THILLAINAYAGAM MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

  
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Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**

Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr. Y. Anusha Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "A COMPARATIVE EVALUATION OF ANTIMICROBIAL EFFICACY OF BITTER GUARD (MOMORDICA CHARANTTIA) & GARLIC (ALLIUM SATIVUM) AS ENDODONTIC IRRIGANTS-AN IN VITRO STUDY Reference No: 2015- MD-BrIV-SAT-08/APDCH under the guidance of DR. S. Thillainayagam MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
PRINCIPAL  
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Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **DR.C.RAVI VARMAN**, Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**COMPARATIVE EVALUATION OF THE PHYSICAL PROPERTIES AND BIOCOMPATIBILITY OF ZINC OXIDE-OZONATED EUGENOL AND CONVENTIONAL ZINC OXIDE EUGENOL AS AN ENDODONTIC SEALER – AN INVITRO STUDY**" Reference No: 2014-MD-BrIV-SAT409 under the guidance of **DR.S.THILLAINAYAGAM MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 27.12.2016

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Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **DR.KAUSHALYA.P**, Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "A COMPARATIVE EVALUATION OF FRACTURE RESISTANCE AND RETENTION OF THREE DIFFERENT FIBER REINFORCED POSTS IN ENDODONTICALLY TREATED TEETH WITH OVAL-SHAPED CANALS" – AN INVITRO STUDY" Reference No: 2014-MD-BrIV-SAT-09 under the guidance of **DR.S.THILLAINAYAGAM, MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

**PRINCIPAL**

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Prof.Dr.H.Murali, MDS

Dr.Muthuraj, MSc, MPhil, PhD

Prof.Dr.T.Ramakrishnan, MDS

Prof.Dr.T.Vetriselvan, MPharm,  
PhD

Prof.Dr.A.Vasanthakumari, MDS

Prof.Dr.N.Venkatesan, MDS

Prof.Dr.K.Vijayalakshmi, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

### MEMBER SECRETARY

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr. Darla Srikanth**, Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**Comparative Evaluation of The penetrability and Shear Bond Strength of three Different Root Canal sealers – An Invitro Study**" Reference No: 2014-MD-BrIV-SAT-08 under the guidance of **Dr. S. Thillainayagam MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
**PRINCIPAL**  
Prof.Dr.S.Karthiga Kannan, MDS.,  
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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. DEVIKA.K.V, Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "An Immunohistochemical study of CD31 and Podoplanin expression in Oral reactive lesions" Ref no.: 2018-MDS-BrVI-SHA-13/ APDCH under the guidance of Dr. SATHAMALA RAVIKUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

**MEMBER SECRETARY**



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This Ethical Committee has reviewed the research Protocol submitted by Dr.S.RATHI VADHANA, Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "Immunohistochemical Expression of Ki-67 and MCM2 Proliferation Markers In Odontogenic Cysts: A Comparative Study" Ref no.: 2018-MDS-BrVI-SHA-14/ APDCH under the guidance of Dr.S.SHAMALA RAVIKUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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## ANNEXURE I



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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has undergone the research Protocol submitted by Dr. Menaka T.R. Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "Immunohistochemical Expression and Evaluation of MCM-2 and Cyclin D1 in Oral Squamous Cell Carcinoma and Verrucous Carcinoma" Ref no : 2016-MDS-BrVI-DEV-13/APDCH under the guidance of Dr.S.Shamala for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



*S. Karthiga Kannan*  
PRINCIPAL  
Prof. Dr. S. Karthiga Kannan, MDS.,  
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This Ethical Committee has undergone the research Protocol submitted by Dr.S.Pradeep Sankar, Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "Immunohistochemical Expression of P63 and  $\beta$ -CATENIN in different grades of Oral Squamous Cell Carcinoma" Ref no : 2016-MDS-BrVI-DEV-14/APDCH under the guidance of Dr.S.Shamala for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



*S. Karthiga Kannan*

**PRINCIPAL**  
Prof.Dr.S.Karthiga Kannan, MDS.,  
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 A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. P. Hariganesh, Post Graduate Student, Department of Oral Pathology and Microbiology, under the title “Immunohistochemical expression of MUC1 Mucin in different grades of Oral Squamous cell carcinoma:A Case Control Study” Ref no.: 2017-MDS-BrVI-Dev-13/APDCH under the guidance of Dr.S.Shamala Ravikumar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



  
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This Ethical Committee has reviewed the research Protocol submitted by Dr.Vinoth.K, Post Graduate Student, Department Of Oral And Maxillofacial Pathology And Microbiology, under the title "Immunohistochemical expression Of Survivin In Different Grades Of Oral Squamous Cell Carcinoma" Ref no.: 2017-MDS-Br.VI-VIJ-14/APDCH under the guidance of Dr.S.Shamala, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



*[Signature]*  
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Shri.Balaji, BA, BL

§ E.P.Elumalai

**MEMBER SECRETARY**

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by DR. JANANI.I, Post Graduate Student, Department of Oral Pathology and Microbiology under the title "EXPRESSION OF VEGF AND MICROVESSEL DENSITY (CD 34) IN ORAL EPITHELIAL DYSPLASIA AND ORAL SQUAMOUS CELL CARCINOMA" Reference No: 2014MD-Br VI-DEV-13, under the guidance of DR. M.DEVI., MDS for consideration of approval to proceed with the study.

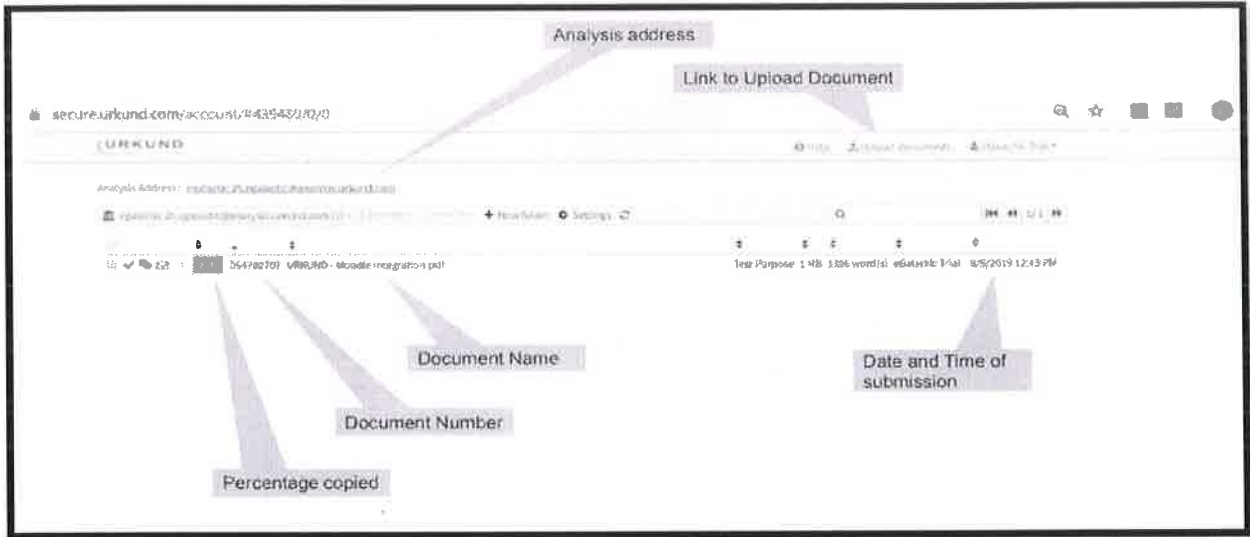
This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/14

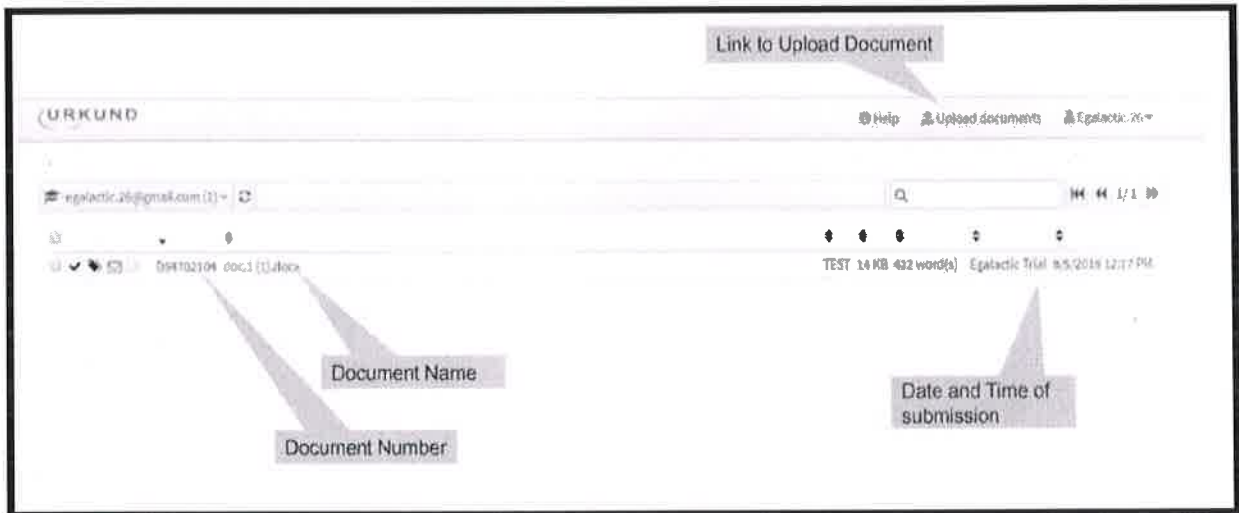
  
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**Member secretary**



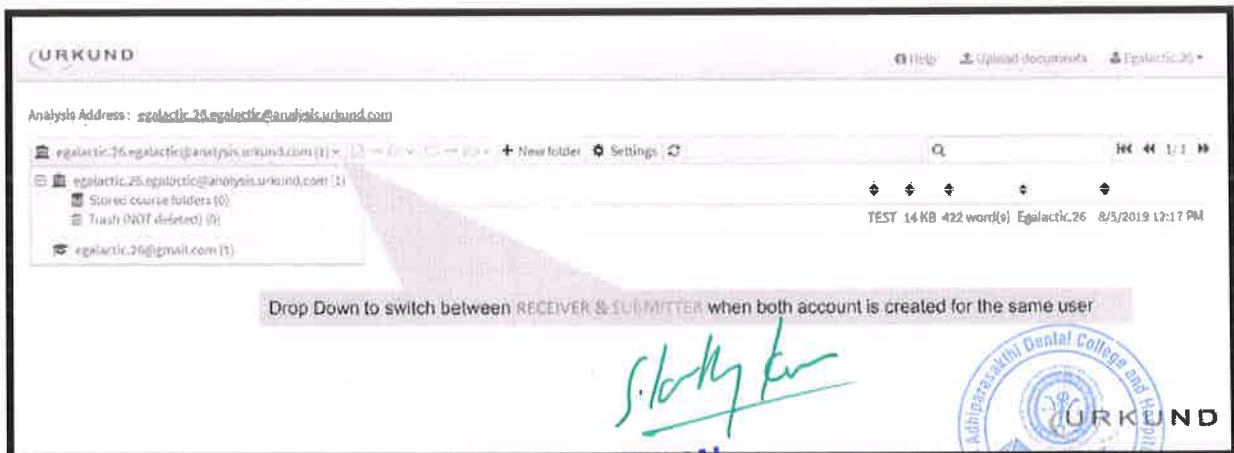
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### 3.2 Login Portal - SUBMITTER ACCOUNT



### 3.3 Login Portal - Switch between RECEIVER & SUBMITTER

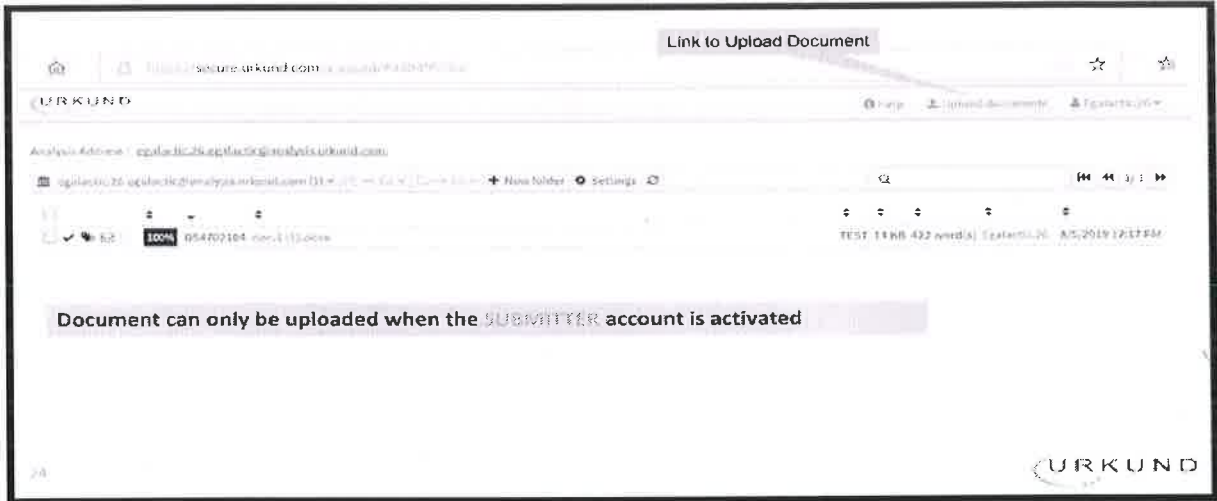


*S. Lakshmi*

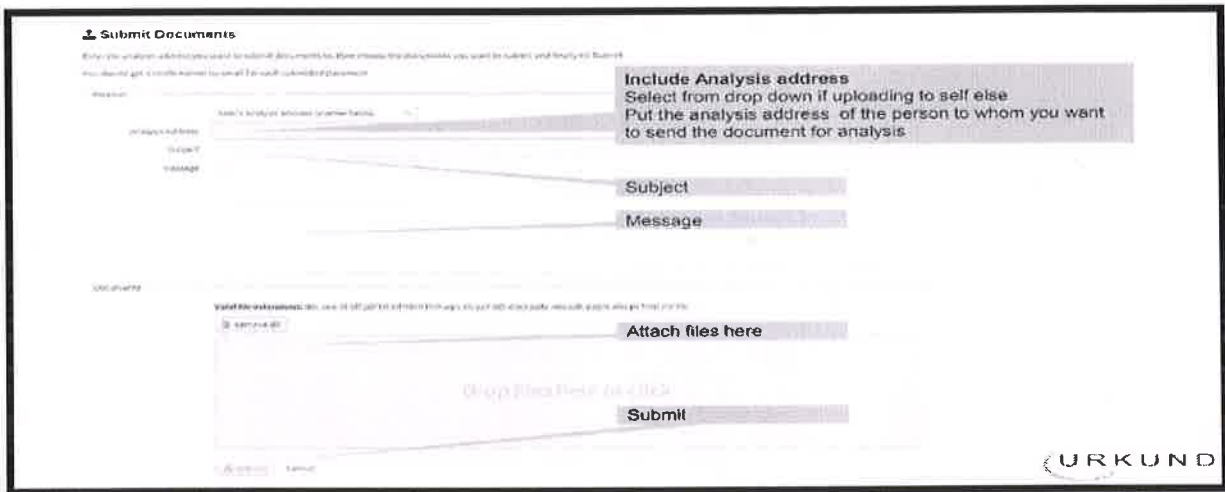
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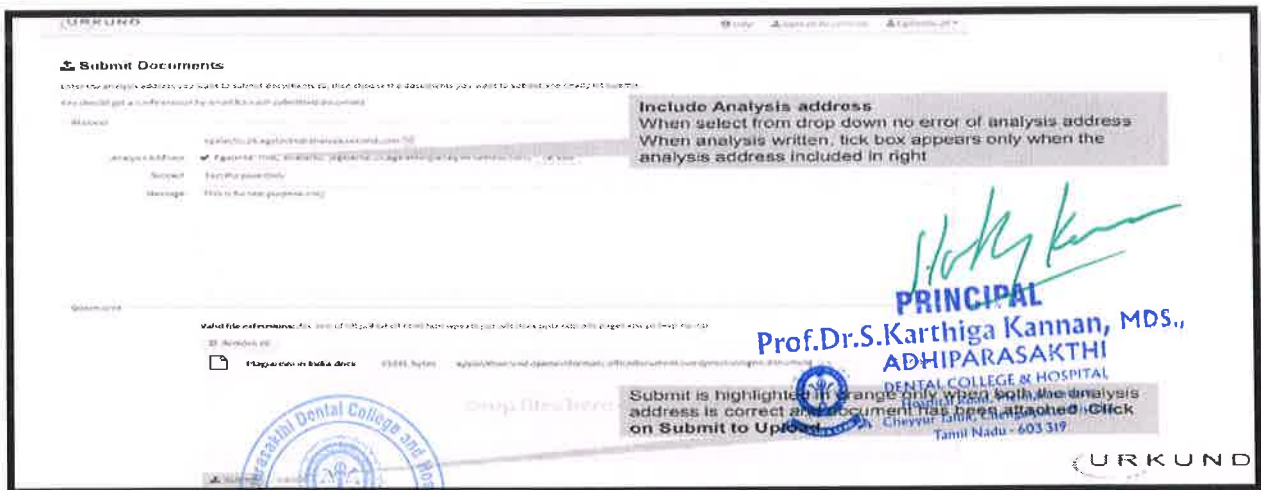
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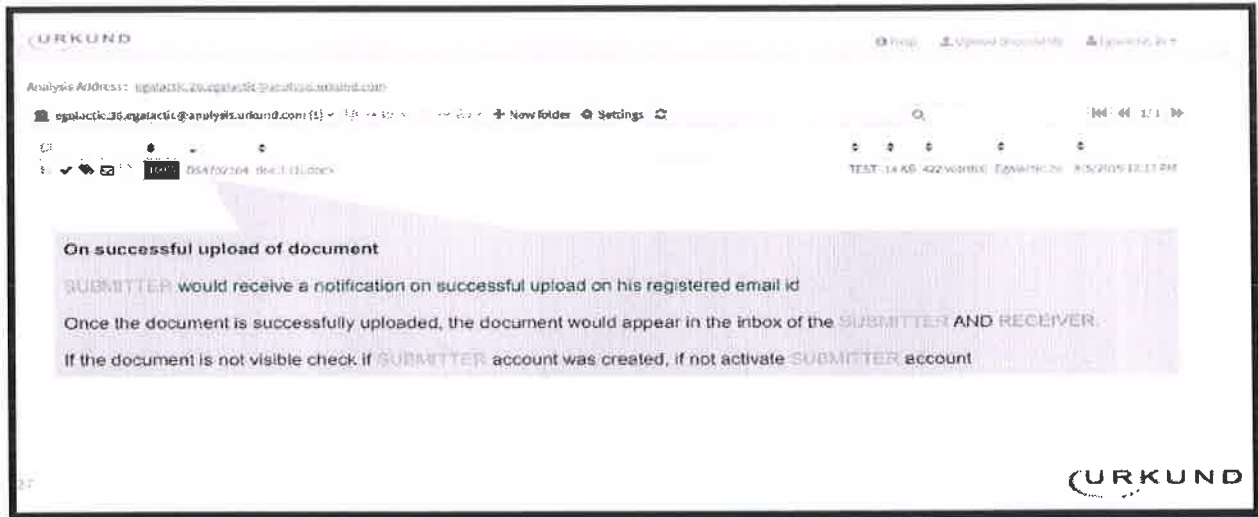
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## 4.2 Upload by Portal Contd...

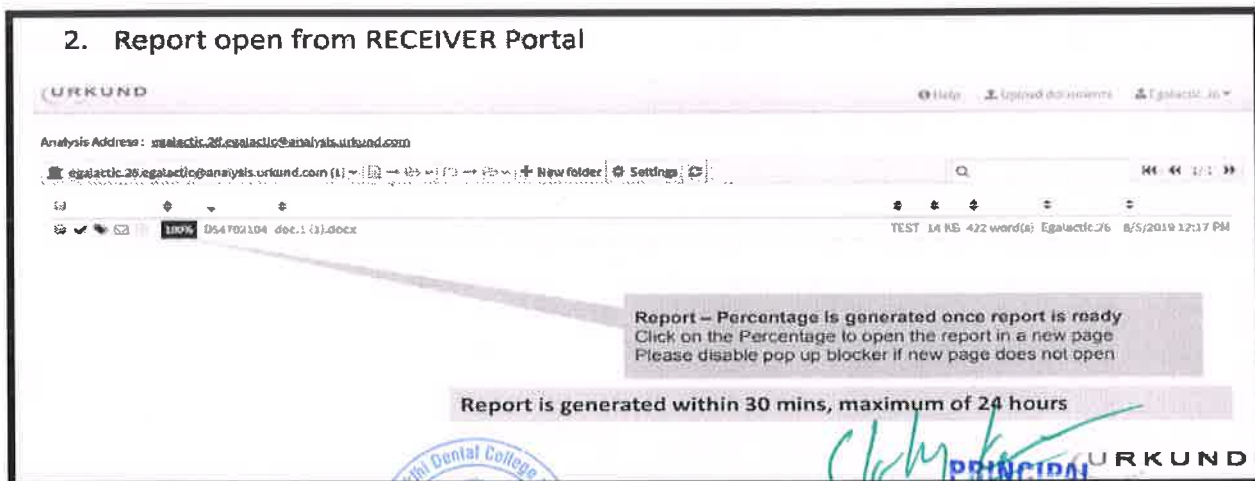
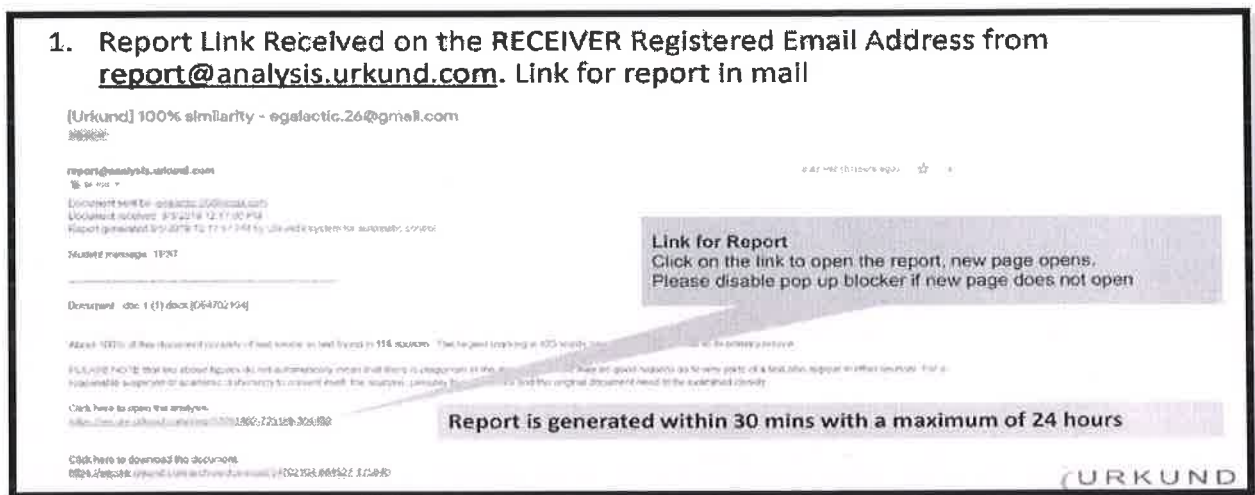


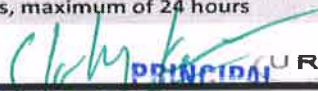
## 4.2 Upload by Portal Contd...



## 5. Report View: Option 1

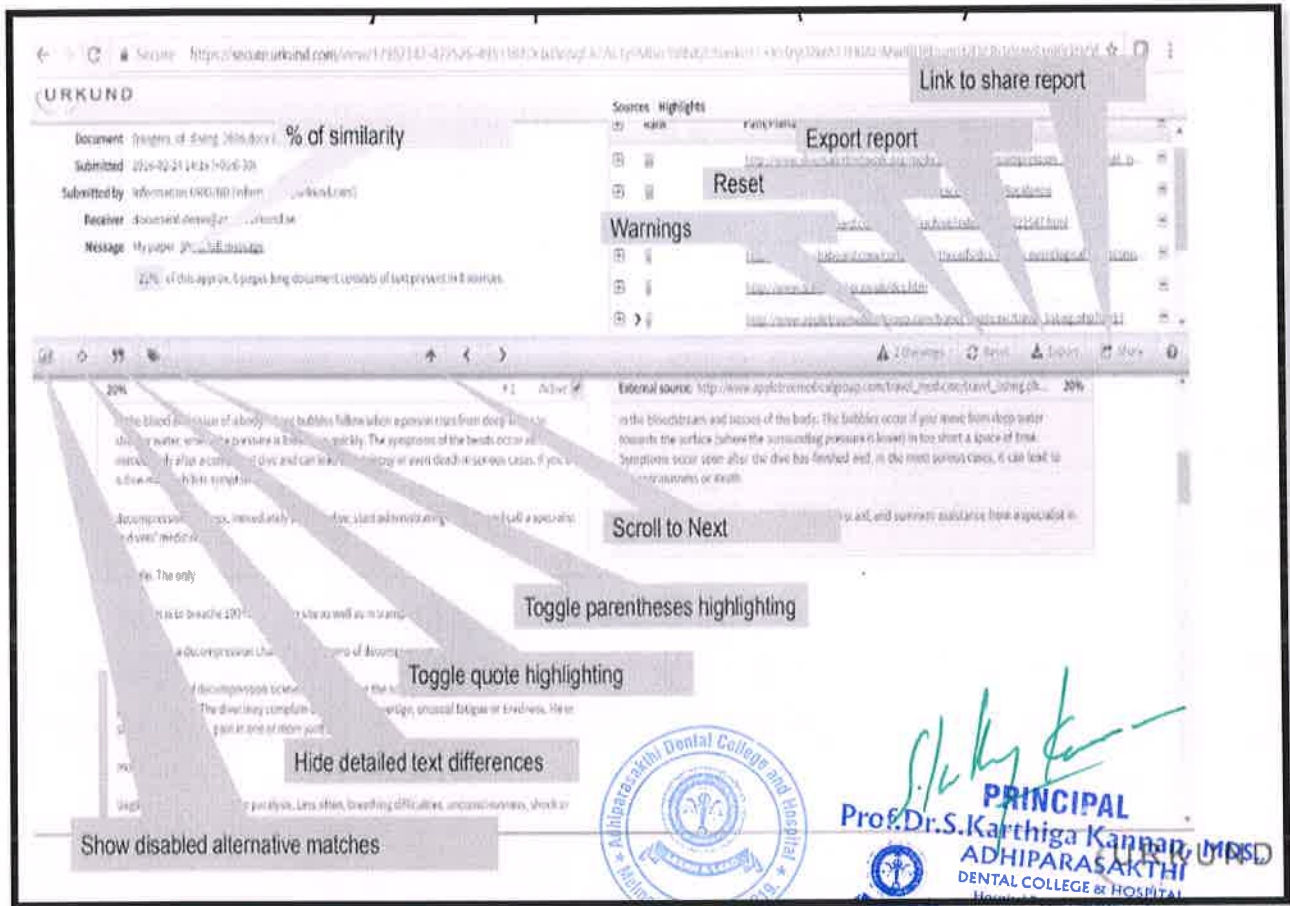
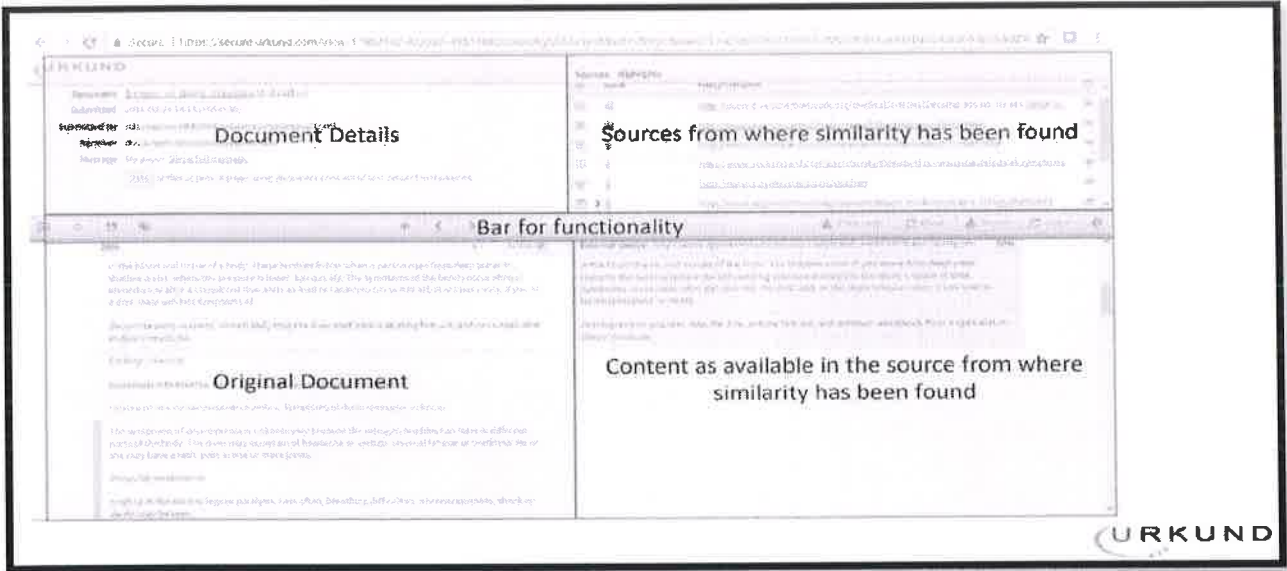
- Two Options available to view report



  
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# URKUND Analysis Report View



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This Ethical Committee has reviewed the research Protocol submitted by Dr. K. SATHISH KUMAR, Post Graduate Student, Department of Periodontics and Oral Implantology, under the title "Evaluation of Oral Malodor and Salivary pH before and after Phase I Therapy in Periodontally Healthy Individuals, Patients with Chronic Generalized Gingivitis, Chronic Generalized Periodontitis without any Systemic Disease: An Interventional Study" Ref no.: 2018-MDS-Br.II-RAM-05/APDCH under the guidance of Dr. Y. PRADEEP KUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



  
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## Document Information

Analyzed document final.pdf (D91781900)  
 Submitted 1/12/2021 8:47:00 AM  
 Submitted by SATHISH KUMAR K  
 Submitter email satmar.619@gmail.com  
 Similarity 8%  
 Analysis address satmar.619.mgrmu@analysis.orkund.com

## Sources included in the report

W	URL: <a href="https://www.scielo.br/pdf/jaos/v19n2/v19n2a02">https://www.scielo.br/pdf/jaos/v19n2/v19n2a02</a> Fetched: 1/12/2021 8:48:00 AM	00 1
W	URL: <a href="https://www.researchgate.net/publication/7982364_Microbiological_culture_analysis_...">https://www.researchgate.net/publication/7982364_Microbiological_culture_analysis_...</a> Fetched: 5/9/2020 11:18:41 PM	00 1
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SA	<b>ROLE OF UREA AND UREOLYTIC BACTERIA IN DENTAL CALCULUS.docx</b> Document ROLE OF UREA AND UREOLYTIC BACTERIA IN DENTAL CALCULUS.docx (D68502687)	00 1
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SA	<b>Tamil Nadu Dr. M.G.R. Medical University / COMPARISON OF SALIVARY LEVELS OF AMYLASE AND MUCIN IN CHRONIC GENERALISED PERIODON ...</b> Document COMPARISON OF SALIVARY LEVELS OF AMYLASE AND MUCIN IN CHRONIC GENERALISED PERIODON ... (D34332681) Submitted by: irudaya.nirmala@yahoo.com Receiver: irudaya.nirmala.mgrmu@analysis.orkund.com	00 1
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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. K. PRIYADURGA, Post Graduate Student, Department of Periodontics and Oral Implantology, under the title "Evaluation and Comparison of CRP levels in periodontally healthy vs periodontally diseased patients before and after phase I therapy":  
Ref no.: 2018-MDS-Br. II-RAM-04 /APDCH under the guidance of Dr. Y. PRADEEP KUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

MEMBER SECRETARY

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## Urkund Analysis Result

Analysed Document: to check.pdf (D91695058)  
Submitted: 1/11/2021 3:20:00 PM  
Submitted By: priya.durga25@gmail.com  
Significance: 9 %

### Sources included in the report:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4149169/>  
[https://www.researchgate.net/figure/The-MF-of-Group-I-Group-II-Group-III-Group-IV-and-Group-V-A-7078-B-10456-C\\_fig3\\_331620983](https://www.researchgate.net/figure/The-MF-of-Group-I-Group-II-Group-III-Group-IV-and-Group-V-A-7078-B-10456-C_fig3_331620983)  
<https://www.chegg.com/homework-help/questions-and-answers/group-group-group-sig-qtaled-croup-croup-r-q35648933>  
<https://www.slideshare.net/thomasm2014/what-is-creactive-protein>  
<https://mms.mckesson.com/product/833671/Stanbio-Laboratory-1130-100>

### Instances where selected sources appear:

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This Ethical Committee has reviewed the research Protocol submitted by Dr. E. RAMNATH, Post Graduate Student, Department of Periodontics, under the title "Comparison of Root Coverage Procedure done with and without Loupes along with CGF in Miller's Class I and Class II Bilateral Gingival Recessions – A Clinical Study" Ref no.: 2017-MDS-BrII-RAM-05/APDCH under the guidance of Dr. T. Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



**PRINCIPAL**  
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## Urkund Analysis Result

Analysed Document: MD single file `2.pdf (D60715725)  
 Submitted: 12/10/2019 2:41:00 PM  
 Submitted By: ramubds2@gmail.com  
 Significance: 6 %

### Sources included in the report:

combined file without ROL.docx (D58037139)  
<https://link.springer.com/article/10.1007/s00784-017-2225-9>  
<https://www.karger.com/Article/FullText/500308>  
<https://www.ncbi.nlm.nih.gov/pubmed/18584934>  
<https://www.unboundmedicine.com/medline/citation/24312735/>  
 Periodontal\_plastic\_microsurgery\_in\_the\_treatment\_of\_deep\_gingival\_recession\_after\_orthodontic\_movement\_  
<https://www.ncbi.nlm.nih.gov/pubmed/10711609>  
<https://www.ncbi.nlm.nih.gov/pubmed/25393983>  
<https://www.ncbi.nlm.nih.gov/pubmed/22348698>  
[https://www.degruyter.com/dg/viewarticle/\\$002frjr.2016.6.issue-22\\$002frjr-2016-0010\\$002frjr-2016-0010.xml](https://www.degruyter.com/dg/viewarticle/$002frjr.2016.6.issue-22$002frjr-2016-0010$002frjr-2016-0010.xml)  
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<https://www.mdpi.com/1996-1944/12/17/2790/html>  
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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4907322/>  
[https://www.researchgate.net/publication/259199966\\_Clinical\\_Evaluation\\_of\\_Coronally\\_Advanced\\_Flap\\_With\\_or\\_Without\\_Acellular\\_Dermal\\_Matrix\\_Graft\\_on\\_Complete\\_Defect\\_Coverage\\_for\\_the\\_Treatment\\_of\\_Multiple\\_Gingival\\_Recessions\\_with\\_Thin\\_Tissue\\_Biotype](https://www.researchgate.net/publication/259199966_Clinical_Evaluation_of_Coronally_Advanced_Flap_With_or_Without_Acellular_Dermal_Matrix_Graft_on_Complete_Defect_Coverage_for_the_Treatment_of_Multiple_Gingival_Recessions_with_Thin_Tissue_Biotype)  
[https://www.researchgate.net/publication/11999453\\_Microsurgical\\_Approach\\_to\\_Periodontal\\_Regeneration\\_Initial\\_Evaluation\\_in\\_a\\_Case\\_Cohort](https://www.researchgate.net/publication/11999453_Microsurgical_Approach_to_Periodontal_Regeneration_Initial_Evaluation_in_a_Case_Cohort)

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 A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. M.A. Mejalla, Post Graduate Student, Department of Periodontics, under the title "Evaluation of Coronally Advanced Flap with Collagen Membrane Versus Amniotic Membrane in Treating Miller's Class I and II Gingival Recession: A Comparative Study" Ref no.: 2017-MDS-BrII-RAM-04/APDCH under the guidance of Dr. T. Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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## Urkund Analysis Result

Analysed Document: MD MEJALLA.pdf (D60707744)  
 Submitted: 12/10/2019 1:38:00 PM  
 Submitted By: mejalladas@gmail.com  
 Significance: 5 %

### Sources included in the report:

[https://www.researchgate.net/publication/229024691\\_Modified\\_Type\\_I\\_Collagen-A\\_Barrier\\_Membrane\\_in\\_Human\\_Gingival\\_Recession\\_Management](https://www.researchgate.net/publication/229024691_Modified_Type_I_Collagen-A_Barrier_Membrane_in_Human_Gingival_Recession_Management)  
<https://vestnik.szd.si/index.php/ZdravVest/article/view/2674>  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4387624/>  
[https://www.researchgate.net/publication/325971329\\_A\\_Comparative\\_Split\\_Mouth\\_Clinical\\_Evaluation\\_of\\_Amniotic\\_Membrane\\_and\\_Platelet\\_Rich\\_Fibrin\\_in\\_Patients\\_with\\_Gingival\\_Recession\\_Two\\_Case\\_Reports](https://www.researchgate.net/publication/325971329_A_Comparative_Split_Mouth_Clinical_Evaluation_of_Amniotic_Membrane_and_Platelet_Rich_Fibrin_in_Patients_with_Gingival_Recession_Two_Case_Reports)  
[https://www.researchgate.net/publication/282981900\\_Amniotic\\_and\\_Chorion\\_Allografts\\_in\\_Combination\\_with\\_Coronally\\_Advanced\\_Flap\\_in\\_the\\_Treatment\\_of\\_Gingival\\_Recession\\_A\\_Clinical\\_Study](https://www.researchgate.net/publication/282981900_Amniotic_and_Chorion_Allografts_in_Combination_with_Coronally_Advanced_Flap_in_the_Treatment_of_Gingival_Recession_A_Clinical_Study)  
<https://medcraveonline.com/JDHODT/JDHODT-08-00281.php>

### Instances where selected sources appear:

34



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This Editorial Committee has undergone the research Protocol submitted by Dr.P.Indumathi, Post Graduate Student, Department of Periodontics, under the title "Estimation of Serum Albumin levels in Chronic Generalized Periodontitis and Localised Aggressive Periodontitis patients and Compare it with Periodontally Healthy Individuals" Ref no : 2016-MDS-BriI-VID-05/APDCH under the guidance of Dr.T.Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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# URKUND

## Urkund Analysis Result

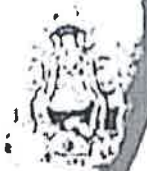
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 Submitted: 12/29/2018 9:48:00 AM  
 Submitted By: indukutty235@gmail.com  
 Significance: 10 %

### Sources included in the report:

with citation.docx (D46082812)  
 Full dissertation (1).pdf (D34284636)  
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This Ethical Committee has undergone the research Protocol submitted by Dr.R.Dhivya, Post Graduate Student, Department of Periodontics, under the title "Comparison of Coronally Advanced Flap with or without the use of Concentrated Growth Factor as membrane in the Treatment of Miller's Class I/Class II Gingival Recession-A clinical study" Ref no : 2016-MDS-BrII-MAN- 04/APDCH under the guidance of Dr.T.Ramakrishnan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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This ethical committee has undergone the research protocol submitted by **SHOBANA . P** Post Graduate Student, Dept of **PERIODONTICS** under the title "EVALUATION OF SYSTEMIC MARKERS RELATED TO ANEMIA IN THE PERIPHERAL BLOOD OF GENERALIZED AGGRESSIVE PERIODONTITIS PATIENTS BEFORE AND AFTER PHASE I PERIODONTAL THERAPY - AN INTERVENTIONAL STUDY", Reference No: 2015-MD-Br II-VID-05/APDCH under the guidance of **DR. T. RAMAKRISHNAN** for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 8/11/15

  
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- Members of IEC/IRB have right to monitor the trial with prior intimation.

  
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CERTIFICATE - II

This is to certify that this dissertation work titled EVALUATION OF SYSTEMIC MARKERS RELATED TO ANEMIA IN THE PERIPHERAL BLOOD OF GENERALIZED AGGRESSIVE PERIODONTITIS PATIENTS BEFORE AND AFTER PHASE I PERIODONTAL THERAPY - AN INTERVENTIONAL STUDY

of the candidate Dr. P. SHOBANA with registration Number

241513451 for the award of MASTER OF DENTAL SURGERY in the branch of

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**MEMBER SECRETARY**

Prof.Dr. T.Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by IRUDAYA NIRMALA J Post Graduate Student, Dept of PERIODONTICS under the title "COMPARISON OF SALIVARY LEVELS OF AMYLASE AND MUCIN IN CHRONIC GENERALISED PERIODONTITIS PATIENTS BEFORE AND AFTER PHASE I PERIODONTAL THERAPY", Reference No: 2015- MD-Br II-MAN-04/APDCH under the guidance of DR. T. RAMAKRISHNAN for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 29/1/17

  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. M.VEERAMUTHU, Post Graduate Student, Department of Oral and Maxillofacial Surgery, under the title "Outcome of three different incision techniques in management of impacted mandibular third molar- a comparative study" Ref no.: 2018-MDS-Br.III-KAR-17/APDCH under the guidance of Dr. M. KARTHIKEYAN, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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Dr. N. Manisundar, MDS

Shri. Balaji, BA, BL

Shri. E. P. Elumalai

## MEMBER SECRETARY

Prof. Dr. T. Ramakrishnan, MDS

This Ethical Committee has undergone the research protocol submitted by Dr. N. Prithivi Sankar, Post Graduate, Department of Oral & Maxillofacial Surgery under the title "Efficacy Of Titanium Locking Mini Plates In The Management Of Mandibular Fractures : A Comparative Randomized Study ", Reference No : 2015 – MD – Br III – KAR – 07 / APDCH under the guidance of Dr. T. Ramakrishnan for consideration of approval to proceed with this study.

This committee has discussed about the materials being involved with the study. The qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific Body and has come to a conclusion that this research protocol fulfills the specific requirements and the committee authorizes the proposal.

Date

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## **PLAGIARISM CHECK SOFTWARE**

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URKUND Plagiarism Detection Software (by Ms Prio Infocenter - Sweden, eGalactic – India Partner) has been selected by INFLIBNET Centre (Inter University Centre of UGC) under the aegis of Ministry of HRD to enhance quality and prevent plagiarism in research / academic publications.

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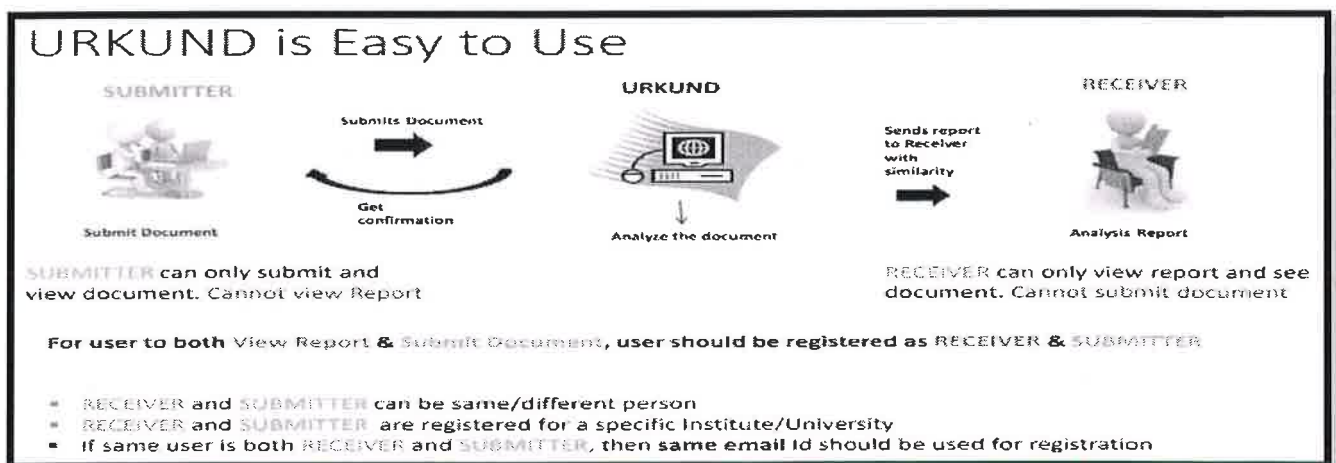
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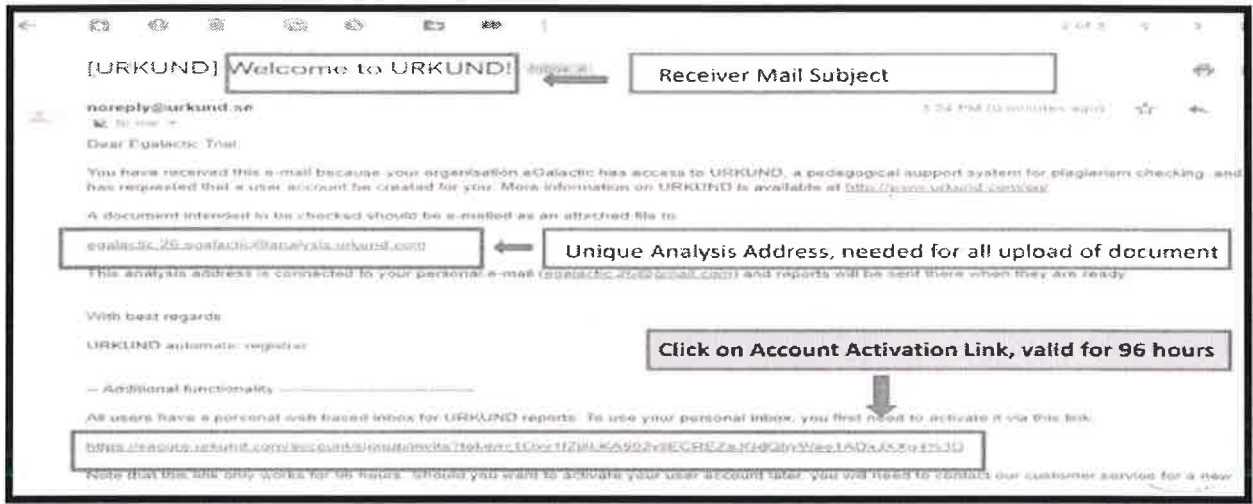


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- Mail Subject: "Welcome to URKUND!" – has the link for RECEIVER account activation & should be activated first if both receiver and submitter account is being created. Details in next slide.
- Mail Subject: "Account creation invitation" – has the link for SUBMITTER account activation. Details in next slide.

### 1.1 Creation of RECEIVER Account: Step A



### 1.1 Creation of RECEIVER Account: Step B

**Account invitation**

User information

Email:

Name:  ← **ENTER YOUR NAME, if not entered**

Username:

Password:  ← **ENTER YOUR PASSWORD**

The password must meet the following requirements:

- At least 10 characters long
- Contain at least one uppercase and one lowercase letter and at least one number (0-9).

Strong passwords should not contain names or other common dictionary words.

Repeat Password:  ← **REPEAT PASSWORD**

Language:

Terms of Service:  I accept URKUND's Terms of service ← **CHECK BOX TO ACCEPT TERMS**

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The following analysis addresses will be connected to your account:

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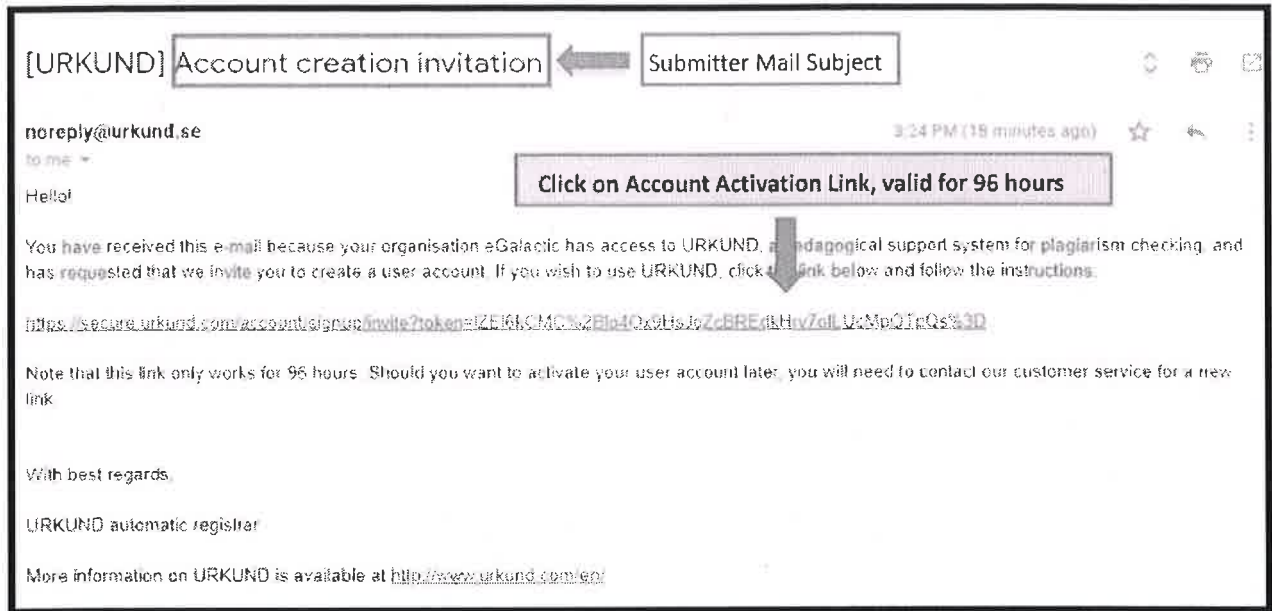
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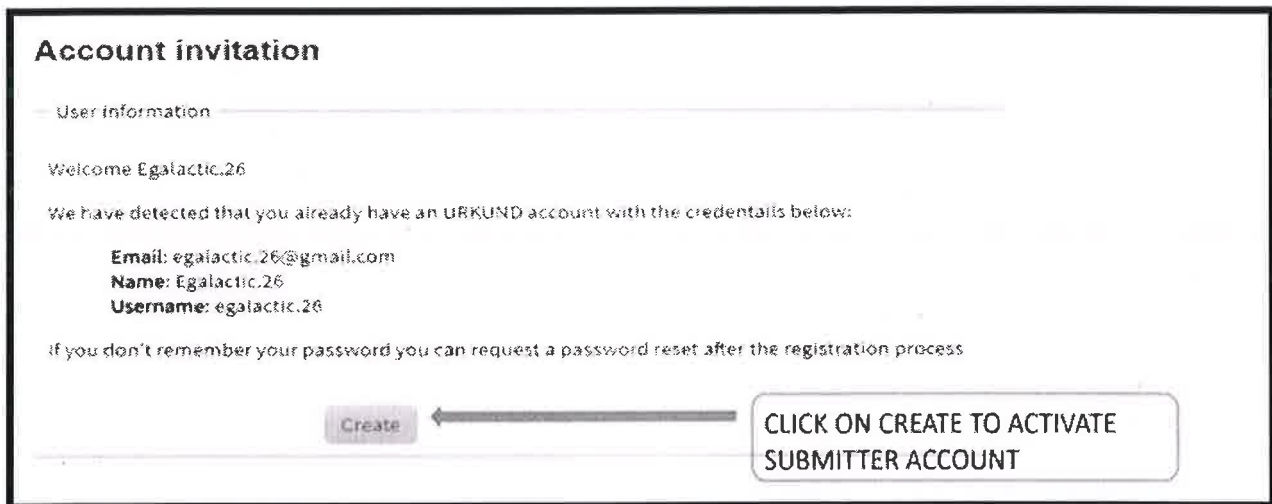
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## 1.2 Activate your SUBMITTER



## 1.2 Activate your SUBMITTER Account: Step B



## 1.3 Activate your SUBMITTER Account: Step C

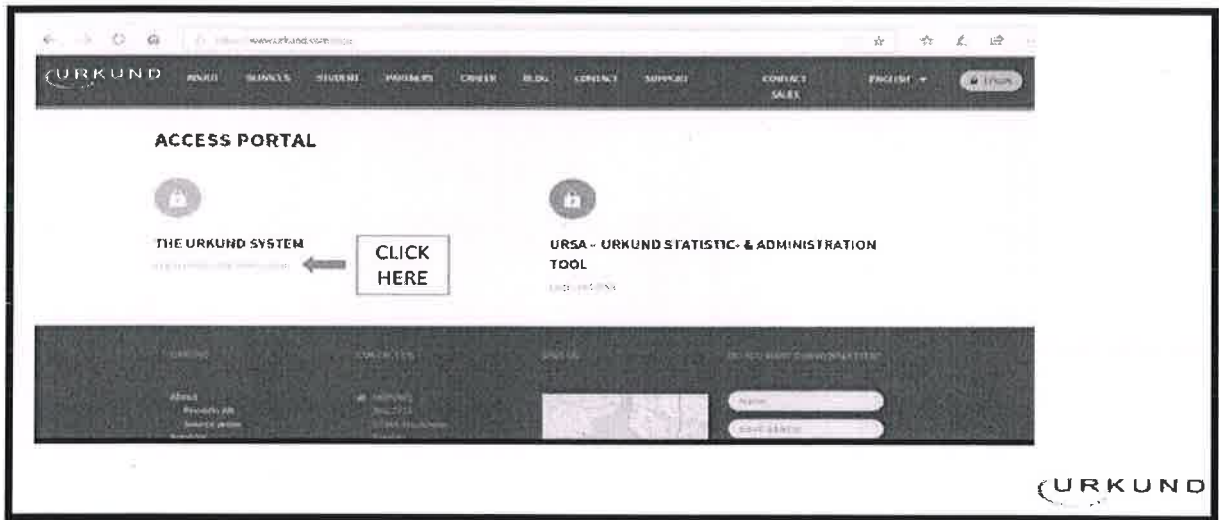


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Cheyyur Taluk, Chengalpattu District  
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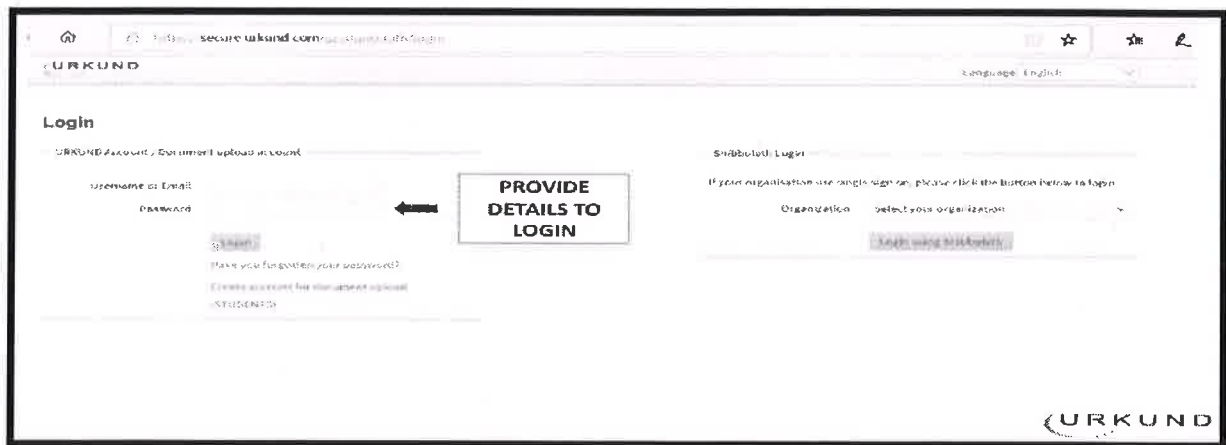
2. Login Portal: Step A:



2. Login Portal: Step B: <https://www.orkund.com/>



2. Login Portal: Step C: <https://www.orkund.com/>



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Prof.Dr.N.Venkatesan, MDS

Prof.Dr.K.Vijayalakshmi, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

#### MEMBER SECRETARY

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by DR. JANANE.M, Post Graduate Student, Department of Oral Pathology and Microbiology under the title "EXPRESSION OF CANCER STEM CELL MARKERS - ALDEHYDE DEHYDROGENASE IAI (ALDH IAI) AND CD44 IN ORAL EPITHELIAL DYSPLASIA AND ORAL SQUAMOUS CELL CARCINOMA" Reference No: 2014MD-Br VI-RAM-12, under the guidance of DR. M.DEVI., MDS for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/16

  
Member secretary



#### PRINCIPAL

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Dr.Muthuraj, MSc, MPhil, PhD

Prof.Dr.N.Thilagavathi, MDS

Prof.Dr.S.Gokkulakrishnan, MDS

Prof.Dr.A.Vasanthakumari, MDS

Dr.N.Manisundar, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

### MEMBER SECRETARY

Prof.Dr. T.Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by ABIRAMLM Post Graduate Student, Dept of ORAL PATHOLOGY under the title "IMMUNOHISTOCHEMICAL EVALUATION OF p-mTOR (PHOSPHORYLATED MAMMALIAN TARGET OF RAPAMYCIN) IN ORAL SQUAMOUS CELL CARCINOMA", Reference No: 2015-MD-Br VI-DEV-05/APDCH under the guidance of DR.M.DEVI, MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
CHAIR PERSON



- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.



  
PRINCIPAL  
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Dr.N.Manisundar, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

### MEMBER SECRETARY

Prof.Dr.T.Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by CHANDRAMOHAN.K Post Graduate Student, Dept of ORAL PATHOLOGY under the title "IMMUNOHISTOCHEMICAL DETECTION OF 8-HYDROXY DEOXYGUANOSINE (8-OHdG) - A BIOMARKER OF OXIDATIVE DNA DAMAGE IN ORAL SUBMUCOUS FIBROSIS", Reference No: 2015-MD-Br VI-DEV-05/APDCH under the guidance of DR.M.DEVI, MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

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- Members of IEC/IRB have right to monitor the trial with prior intimation.

  
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This Ethical Committee has undergone the research Protocol submitted by Dr.S.Duraimurugan, Post Graduate Student, Department of Oral & Maxillofacial Surgery, under the title "Liquid Nitrogen Cryotherapy in Management of Oral lesions" Ref no : 2016-MDS-BrIII-GOK-06/APDCH under the guidance of Dr. D.Durairaj for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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This Ethical Committee has reviewed the research Protocol submitted by Dr. R. CHINNIAH , Post Graduate Student, Department of Oral and Maxillofacial Surgery, under the title "A Comparative Study between Transbuccal and Transoral Approaches for Management of Mandibular Angle Fractures using Single Miniplates" Ref no.: 2018-MDS-BrIII-DUR-16/APDCH under the guidance of Dr. D. DURAIRAJ, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



  
Principal

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Dr.K.Vijayalakshmi, MDS

Balaji, BA, BL

E.P.Elumalai

### MEMBER SECRETARY

S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr.M.Mahalakshmi Post Graduate Student, Department of Oral And Maxillofacial Surgery under the title **Efficacy of three dimensional titanium miniplates over the conventional titanium miniplates osteosynthesis in the management of anterior mandibular fractures** Reference No: 2014-MD-BrIII-SAD-06, under the guidance of Prof Dr.Gokkulakrishnan for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

  
Member secretary

  
PRINCIPAL  
Prof.Dr.S.Karthiga Kannan, MDS.,  
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Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr.Vinod krishna. K, Post Graduate Student, Department of Oral And Maxillofacial Surgery under the title **Neurosensory Assessment of Infraorbital Nerve Following Isolated Unilateral Zygomaticomaxillary Complex Fractures - A prospective study** Reference No: 2014-MD-BrIII-BAL-07, under the guidance of Prof Dr.Gokkulakrishnan for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/16

Member secretary

**PRINCIPAL**  
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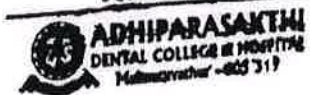
This Ethical Committee has reviewed the research Protocol submitted by Dr. S. MARIAM, Post Graduate Student, Department of Oral and Maxillofacial Surgery, under the title "A COMPARATIVE STUDY BETWEEN V SHAPED LOCKING MINIPLATES AND CONVENTIONAL MINIPLATES IN ANTERIOR MANDIBLE FRACTURE FIXATION- A PILOT STUDY" Ref no.: 2018-MDS-Br.III-DUR-06/APDCH under the guidance of Prof.Dr.D Durairai, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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This Ethical Committee has undergone the Research Protocol submitted by Dr.S.Nithyapriya, Post Graduate Student, Department of Prosthodontics, Crowns & Bridges, under the title "In Vitro Comparison of Loss of Torque between Gold and Titanium Screws in Dental Implants" Ref no: 2016-MDS-Br I-ASR-01/APDCH under the guidance of Dr.N.Venkatesan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the Investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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*S.K.K.*  
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## URKUND

## Urkund Analysis Result

Analysed Document: Ganagamani.docx (D46455972)  
 Submitted: 1/6/2019 1:13:00 PM  
 Submitted By: ganagamani@gmail.com  
 Significance: 6 %

## Sources included in the report:

DISSERTATION with out bibilography.docx (D45794848)  
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## Instances where selected sources appear:

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*S. Karthiga Kannan*  
**PRINCIPAL**  
 Prof. Dr. S. Karthiga Kannan, MDS.,  
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This Ethical Committee has undergone the Research Protocol submitted by Dr.A.T.Ganagamani, Post Graduate Student, Department of Prosthodontics, Crowns & Bridges, under the title "Comparison of Dimensional Accuracy of Impressions made with Closed and Open tray Impression techniques using Multi-unit Abutments for Dental Implants" Ref no: 2016-MDS-Br I-VEN-03/APDCH under the guidance of Dr.N.Venkatesan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

PRINCIPAL  
Adhiparasakthi Dental College and Hospital  
Melmaruvathur - 603 319.



PRINCIPAL  
Prof. Dr. S. Karthiga Kannan, MDS.,  
ADHIPARASAKTHI



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## ANNEXURE




INSTITUTIONAL ETHICS COMMITTEE AND REVIEW BOARD

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CHAIR PERSON	
Prof. Dr. S. Thillainayagam, MDS	<p>This ethical committee has undergone the research protocol submitted by Dr. S.VINOTH KUMAR Post Graduate Student, Department of prosthodontics under the title "To assess the Effect of low level laser therapy on sensitivity of teeth prepared for fixed partial denture – A Randomized Control Trial", Reference No: 2015-MD-BrI-VEN-03/APDCH under the guidance of DR. T. RAMAKRISHNAN for consideration of approval to proceed with the study.</p> <p>This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.</p>
MEMBERS	
Dr. K. Rajkumar, BSc, MDS.	
Dr. H. Murali, MDS.	
Dr. Muthuraj, MSc, MPhil, PhD	
Prof. Dr. N. Thilagavathi, MDS	
Prof. Dr. S. Gokkulakrishnan, MDS	
Prof. Dr. A. Vasanthakumari, MDS	
Dr. N. Manisundar, MDS	
Shri. Balaji, BA, BI.	
Shri. E. P. Elumaloi	
MEMBER SECRETARY	Date:
Prof. Dr. T. Ramakrishnan, MDS	 CHAIR PERSON

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- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.



*S. Karthiga Kannan*  
**PRINCIPAL**  
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**MEMBERS**

Dr.K.Rajkumar, B.sc,MDS

Dr.H.Murali, MDS

Muthuraj, MSc, MPhil, PhD

Dr.Thilagavathi, MDS

Dr.Gokulakrishnan. MDS

Dr.A.Vasanthakumari, MDS

Dr.N.Manisundar, MDS

Balaji, BA, BL

E.P.Elumalai

**MEMBER SECRETARY**

Dr.P.Ramakrishnan,

S

This ethical committee has undergone the research protocol submitted by **Dr.A.MANIARASAN**, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title "To chart the color accuracy of DSLR camera in conjunction with the imaging software for excellence in fixed prosthodontics" Reference No: 2015-MD-BrI-PRB-02/APDCH, under the guidance of Prof. **Dr.A.S.Ramesh MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.



*[Signature]*  
Member secretary

Date:

PRINCIPAL

Dr. S. Thilainayagam, M.D.S.,

Melmaruvathur - 603 319.

*S. Karthiga Kannan*  
PRINCIPAL  
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This Ethical Committee has undergone the Research Protocol submitted by Dr. Vidhu Antony, Post Graduate Student, Department of Prosthodontics, Crowns & Bridges, under the title "Comparison of Shade Selection by Smartphone Camera and DSLR Camera using Vita 3D Master shade guide-An Invitro Study" Ref no: 2016-MDS-Br I-ASR-02/APDCH under the guidance of Dr.N.Venkatesan for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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Emp. ID : 10023 Designation / Professor & HOD  
Dept.: Prosthodontics and Crown & Bridge

Signature

Date

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Shri. Balaji, BA, BL

Shri. E. P. Elumalai

**MEMBER SECRETARY**

Prof. Dr. T. Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by S. ELAKKIYA Post Graduate Student, Department of Prosthodontics under the title "Influence of dental chair backrest inclination on the three dimensional positioning of the mandible – A Clinical Trial.", Reference No: 2015- MD-BrI-ASR-01/APDCH under the guidance of **DR. T. RAMAKRISHNAN** for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
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- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.

  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. RM Muthu Annamalai, Post Graduate Student, Department of Prosthodontics, crown and bridge, under the title "An in-vitro study to compare the Debonding strength of Zirconia Laminate Veneers on Vertical and Horizontal Preparation Designs" Ref no.: 2018-MDS-BrI-SAK-01/APDCH under the guidance of Dr. K. Prabhu, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



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Submitted By: mithu\_Leo22@yahoo.com  
Significance: 2 %

Sources included in the report:

<https://www.mdpi.com/2079-4983/6/3/833/pdf>  
<https://www.researchgate.net/publication/3441529-Bone-grafts-and-bone-graft-substitutes-in-periodontal-regeneration-a-review.html>  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. Mithra R, Post Graduate Student, Department of Prosthodontics, under the title "Radiographic and Histologic assessment of eggshell derived hydroxyapatite as a bone graft substitute in extraction sockets" Ref no.: 2017-MDS-Br I-PRA-01/APDCH under the guidance of Dr. Prabhu K for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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Submitted By: kabilanparthiban@gmail.com  
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## Sources included in the report:

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- <https://www.sciencedirect.com/science/article/pii/S0002817716302574>
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This Ethical Committee has reviewed the research Protocol submitted by Dr. P.KABILAN, Post Graduate Student, Department of Prosthodontics, under the title "Comparison of cutting efficiency between normal tapered diamond points and spiral tapered diamond points an *in-vitro* study" Ref no.: 2017-MDS-Br.I-VEN-02/APDCH under the guidance of Dr. PONSEKAR ABRAHAM,M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

*[Handwritten Signature]*  
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This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the specific requirements and the Committee authorizes the proposal.

*[Handwritten Signature]*  
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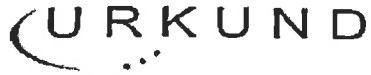


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 Submitted By: nlthul219@gmail.com  
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### Sources included in the report:

Final thesis.pdf (D34460162)  
<http://aves.istanbul.edu.tr/burcin.karatasli/yayinlar>  
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[http://revodonto.bvsalud.org/scielo.php?script=sci\\_arttext&pid=S1677-32252015000300004&lng=es&nrm=iso&tlng=en](http://revodonto.bvsalud.org/scielo.php?script=sci_arttext&pid=S1677-32252015000300004&lng=es&nrm=iso&tlng=en)  
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<https://www.oralhealthgroup.com/features/implant-screws-every-dentist-know/>

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r.Elumalai

**MEMBER SECRETARY**

r.Senakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr.M.J.Renganath, Post Graduate Student, Department of Periodontology under the title "Evaluation of serum and salivary alkaline phosphatase levels in patients with chronic periodontitis before and after non-surgical periodontal therapy: a comparative study" Reference No: 2014-MD-BrII-SAS-05, under the guidance of Prof.Dr.T.Ramakrishnan for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Member secretary

Date:

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Dr.K.Vijayalakshmi, MDS

.Balaji, BA, BL

.E.P.Elumalai

### MEMBER SECRETARY

S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr S.ANITHA DEVI, Post Graduate Student, Department of PERIODONTICS under the title "EFFICACY OF SCALING AND ROOT PLANING WITH AND WITHOUT ADJUNCTIVE USE OF DIODE LASER OR TETRACYCLINE FIBERS IN PATIENTS WITH GENERALISED CHRONIC PERIODONTITIS - A COMPARATIVE STUDY" "Reference No: 2014-MD-BrII-BOB-04, under the guidance of Dr. T. RAMAKRISHNAN., MDS for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

Member secretary

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## Sources included in the report

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- W URL: [https://www.researchgate.net/publication/323649175\\_Comparison\\_of\\_Accuracy\\_Between\\_...](https://www.researchgate.net/publication/323649175_Comparison_of_Accuracy_Between_...)  
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- W URL: [https://www.researchgate.net/publication/278795364\\_Comparison\\_of\\_the\\_marginal\\_fit\\_...](https://www.researchgate.net/publication/278795364_Comparison_of_the_marginal_fit_...)  
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- W URL: [https://www.researchgate.net/publication/23502257\\_Study\\_on\\_CADRP\\_for\\_removable\\_com...](https://www.researchgate.net/publication/23502257_Study_on_CADRP_for_removable_com...)  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. S. Pazhani Prasanth, Post Graduate Student, Department of Prosthodontics, crown and bridge, under the title "Comparison of Marginal accuracy and Internal fit of Ceramic Partial Veneer restorations fabricated by CAD/CAM using Digital impressions versus Conventional impressions - An in-vitro study" Ref no.: 2018-MDS-Bri-VEN-02/APDCH under the guidance of Dr. K. Prabhu, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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Document Information

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**Sources included in the report**

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This Ethical Committee has reviewed the research Protocol submitted by Dr. R.P. Pravin Tharsan, Post Graduate Student, Department of Prosthodontics, crown and bridge, under the title "Height and volumetric evaluation of soft tissue emergence profile around the implant recorded by conventional open tray impression method and using trios 3 shape intraoral scanner- a clinical study" Ref no.: 2018-MDS-BrI-ANA-01/APDCH under the guidance of Dr. S. Anand., M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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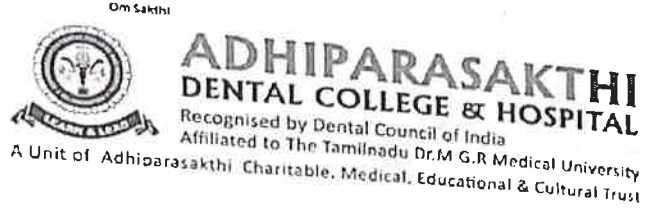


*S.K. Arjun Kumar*  
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## ANNEXURE



This Ethical Committee has reviewed the research Protocol submitted by Dr. V. Kanaga Priyaa, Post Graduate Student, Department of Conservative Dentistry and Endodontics, under the title "Comparative evaluation of antibacterial efficacy of Manuka honey, Indian honey and sodium hypochlorite against Enterococcus faecalis biofilm – an in vitro study" Ref no.: 2017-MDS-BrIV-08/APDCH under the guidance of Dr. B. Hemasathya for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

*S. Karthiga Kannan*  
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## Document Information

Analyzed document RAM%20FILE.pdf (D93720778)  
Submitted 1/27/2021 9:51:00 AM  
Submitted by ramkumar  
Submitter email ramshanmugm@gmail.com  
Similarity 0%  
Analysis address ramshanmugm.mgrmu@analysis.orkund.com

## Sources included in the report

  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. RAMKUMAR S, Post Graduate Student, Department of Conservative dentistry and Endodontics, under the title "EVALUATION OF SYNURGISTIC REMINERALIZATION EFFECT OF ENAML MATRIX PROTEIN AND BIOACTIVE GLASS ON DEMINERALIZED ENAMEL – AN IN VITRO STUDY" Ref no.: 2018-MDS-BrIV-SRI-10/APDCH under the guidance of Dr.B.Hema Sathya, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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Analyzed document FILE KAYAL.pdf (D93726234)  
 Submitted 1/27/2021 10:32:00 AM  
 Submitted by KAYALVIZHIMEENA M Q  
 Submitter email meenaganesan23294@gmail.com  
 Similarity 4%  
 Analysis address meenaganesan23294.mgrmu@analysis.orkund.com

## Sources included in the report

- SA** Tamil Nadu Dr. M.G.R. Medical University / 04-INTRODUCTION-merged.pdf  0  
 Document 04-INTRODUCTION-merged.pdf (D93555871)  
 Submitted by: meenaganesan23294@gmail.com  
 Receiver: meenaganesan23294.mgrmu@analysis.orkund.com
- SA** Tamil Nadu Dr. M.G.R. Medical University / THESIS.pdf  1  
 Document THESIS.pdf (D93597070)  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. KAYALVIZHIMEENA M G, Post Graduate Student, Department of Conservative dentistry and Endodontics, under the title "EVALUATION OF ESTHETIC APPEARANCE AND STAINING ABILITY OF RESIN INFILTRATION SYSTEM, CPP-ACPF CONTAINING PASTE AND ADHESIVE ON ARTIFICIAL WHITE SPOT LESIONS- A COMPARATIVE IN VITRO STUDY" Ref no.: 2018-MDS-BrIV-SRI-09/APDCH under the guidance of Dr.B.Hema Sathya, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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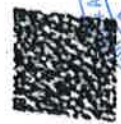
  
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## Document Information

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 Submitted by J.Anton Michael  
 Submitter email michaelanton41@gmail.com  
 Similarity 6%  
 Analysis address michaelanton41.ngrmu@analysis.urkund.com

## Sources included in the report

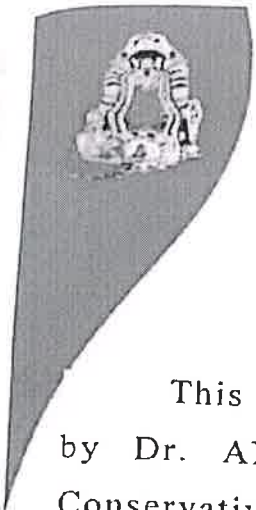
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ANNEXURE



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This Ethical Committee has reviewed the research Protocol submitted by Dr. ANTON MICHAEL J, Post Graduate Student, Department of Conservative dentistry and Endodontics, under the title "COMPARISON OF CYCLIC FATIGUE RESISTANCE BETWEEN ROTARY AND RECIPROCATING FILES IN SIMULATED ROOT CANALS WITH CURVATURE PATTERNS PRESENT IN DIFFERENT REGION - AN INVITRO STUDY" Ref no.: 2018-MDS-BrIV-BHA-08/APDCH under the guidance of Dr. N. Bharath , M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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**Prof. Dr. S. Karthiga Kannan, MDS.,**

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This Ethical Committee has undergone the research Protocol submitted by Dr. B.Sarath, Post Graduate Student, Department of Orthodontics and Dentofacial Orthopaedics, under the title "Evaluation of changes in Enamel Micro hardness in Patients undergoing Fixed Orthodontic Appliance therapy- A Randomized Controlled Trial " Ref no : 2016-MDS-BrV-SUD-12/APDCH under the guidance of Dr. V.Sudhakar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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Prof. Dr. T. Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by N.KARIKALAN, Post Graduate Student, Orthodontics and Dentofacial Orthopedics under the title "EVALUATION OF EFFECTIVENESS OF VARNISH CONTAINING FLUORIDE AND FLUORIDE VARNISH WITH CPP-ACP IN PREVENTION OF WHITE SPOT LESIONS IN PATIENTS UNDERGOING FIXED ORTHODONTIC THERAPY - AN INVIVO COMPARATIVE STUDY", Reference No: 2015-MD-Br II-MAN-12/APDCH under the guidance of DR. V.SUDHAKAR for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
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### PRINCIPAL

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- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.



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Prof. Dr. A. Vasanthakumari, MDS

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Dr. Balaji, BA, BL

Dr. E. P. Elumalai

### MEMBER SECRETARY

Prof. Dr. T. Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by **T. BALAVIGNESH** Post Graduate Student, Orthodontics and Dentofacial Orthopedics under the title "EFFECT OF MOBILE PHONE WITH AND WITHOUT EARPHONES USAGE ON METAL ION RELEASE FROM FIXED ORTHODONTIC APPLIANCES", Reference No: 2015- MD-Br II-MAN-11/APDCH under the guidance of **DR. V. SUDHAKAR** for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
CHAIR PERSON

  
PRINCIPAL

- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
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Shri. E. P. Elumalai

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Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **DR. S. SUGANYA**, Post Graduate Student, Department of **ORTHODONTICS & DENTOFACIAL ORTHOPEDICS** under the title **Measurement and comparison of bracket transfer accuracy of five indirect bonding techniques - An in vitro study**. "Reference No: 2014-MD-BrV-VII-11, under the guidance of **DR. V. SUDHAKAR, MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

 Date:

Member secretary

  
**PRINCIPAL**

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## Urkund Analysis Result

Analysed Document: MD Vaibhavi.pdf (D61672621)  
 Submitted: 12/25/2019 11:27:00 AM  
 Submitted By: vaibhavi2407@gmail.com  
 Significance: 8 %

## Sources included in the report:

Dr. Devi.docx (D47227054)  
 cc.docx (D58848717)  
 Clavier\_Cybul\_Assignment1.pdf (D18346798)  
<https://clinmedjournals.org/articles/ijodh/International-journal-of-oral-and-dental-health-ijodh-4-074.php?jid=ijodh>  
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[https://healthdocbox.com/Dental\\_Care/111362371-Curing-effectiveness-of-bulkfill-composites.html](https://healthdocbox.com/Dental_Care/111362371-Curing-effectiveness-of-bulkfill-composites.html)  
[https://www.researchgate.net/publication/280601997\\_Pre-heating\\_of\\_high-viscosity\\_bulk-fill\\_resin\\_composites\\_Effects\\_on\\_shrinkage\\_force\\_and\\_monomer\\_conversion](https://www.researchgate.net/publication/280601997_Pre-heating_of_high-viscosity_bulk-fill_resin_composites_Effects_on_shrinkage_force_and_monomer_conversion)  
[https://www.researchgate.net/publication/328606027\\_Depth\\_of\\_cure\\_of\\_bulk\\_fill\\_resin\\_composites\\_A\\_systematic\\_review](https://www.researchgate.net/publication/328606027_Depth_of_cure_of_bulk_fill_resin_composites_A_systematic_review)  
[https://www.researchgate.net/publication/258851713\\_Post-cure\\_depth\\_of\\_cure\\_of\\_bulk\\_fill\\_dental\\_resin-composites](https://www.researchgate.net/publication/258851713_Post-cure_depth_of_cure_of_bulk_fill_dental_resin-composites)

## Instances where selected sources appear:

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This Ethical Committee has reviewed the research Protocol submitted by Dr. T. Vaibhavi, Post Graduate Student, Department of Conservative Dentistry and Endodontics, under the title "Effect of preheating and radiant exposure on degree of conversion and microhardness of bulk fill composites: An invitro study". Ref no.: 2017-MDS-BrIV-10/APDCH under the guidance of Dr. B. Hema Sathya for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

PRINCIPAL

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## URKUND

## Urkund Analysis Result

Analysed Document: Plag check.docx (D61673347)  
 Submitted: 25/12/2019 14:08:00  
 Submitted By: yoghapadhma23@gmail.com  
 Significance: 6 %

## Sources included in the report:

plagarisim.docx (D61664860)  
[https://www.researchgate.net/publication/250924904\\_The\\_effect\\_of\\_radiotherapy\\_on\\_dental\\_hard\\_tissue-a\\_systematic\\_review](https://www.researchgate.net/publication/250924904_The_effect_of_radiotherapy_on_dental_hard_tissue-a_systematic_review)  
<https://www.ncbi.nlm.nih.gov/pubmed/29729026>  
[https://www.researchgate.net/publication/329334471\\_How\\_to\\_improve\\_root\\_canal\\_filling\\_in\\_teeth\\_subjected\\_to\\_radiation\\_the\\_rapy\\_for\\_cancer](https://www.researchgate.net/publication/329334471_How_to_improve_root_canal_filling_in_teeth_subjected_to_radiation_the_rapy_for_cancer)  
[https://www.researchgate.net/publication/329334471\\_How\\_to\\_improve\\_root\\_canal\\_filling\\_in\\_teeth\\_subjected\\_to\\_radiation\\_the\\_rapy\\_for\\_cancer/fulltext/5c01f284a6fdcc1b8d4d0e24/How-to-improve-root-canal-filling-in-teeth-subjected-to-radiation-therapy-for-cancer.pdf](https://www.researchgate.net/publication/329334471_How_to_improve_root_canal_filling_in_teeth_subjected_to_radiation_the_rapy_for_cancer/fulltext/5c01f284a6fdcc1b8d4d0e24/How-to-improve-root-canal-filling-in-teeth-subjected-to-radiation-therapy-for-cancer.pdf)  
[https://www.researchgate.net/publication/322080501\\_Comparative\\_Evaluation\\_of\\_Radicular\\_Push-out\\_Bond\\_Strength\\_of\\_EndoSequence\\_BC\\_MTA\\_FillApex\\_Apexit\\_Plus\\_and\\_AH\\_Plus\\_Sealers\\_as\\_Affected\\_by\\_the\\_Modified\\_Plunger\\_Base\\_Orifice\\_Size\\_Relation](https://www.researchgate.net/publication/322080501_Comparative_Evaluation_of_Radicular_Push-out_Bond_Strength_of_EndoSequence_BC_MTA_FillApex_Apexit_Plus_and_AH_Plus_Sealers_as_Affected_by_the_Modified_Plunger_Base_Orifice_Size_Relation)

## Instances where selected sources appear:

11

  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. A. YOGHA PADHMA, Post Graduate Student, Department of Conservative Dentistry and Endodontics, under the title "Influence of therapeutic radiation on the bond strength of resin based obturating system to the radicular dentin" Ref no.: 2017-MDS-BrIV-09/APDCH under the guidance of Dr. N. Bharath and Dr. B. Hema Sathya for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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## Urkund Analysis Result

**Analysed Document:** KANAGAPRIYAA MD.pdf (D61667039)  
**Submitted:** 12/24/2019 5:38:00 PM  
**Submitted By:** kanagapriyaa.vellingiri@gmail.com  
**Significance:** 6 %

### Sources included in the report:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6589292/>  
<https://www.hindawi.com/journals/ijmicro/2019/2464507/>

### Instances where selected sources appear:

12

  
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PhD

Prof.Dr.A.Vasanthakumari, MDS

Prof.Dr.N.Venkatesan, MDS

Prof.Dr.K.Vijayalakshmi, MDS

Sri.Balaji, BA, BL

Sri.E.P.Elumalai

**MEMBER SECRETARY**

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr.J.Raghunathan**, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title "**Comparison Of Bond Strength Of Porcelain Laminate Veneers Bonded To Laser Treated Dentin And Acid Treated Dentin – An In Vitro Study**" Reference No: 2014-MD-BrI-RIJ-03, under the guidance of **Prof. Dr.A.S.Ramesh MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

  
Member secretary

Date: 28/2/14

  
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MD

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of. Dr. K. Vijayalakshmi, MDS

of. Dr. Balaji, BA, BL

of. Dr. E. P. Elumalai

MEMBER SECRETARY

of. Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr. V.C. Karthik**, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title "**Randomized Controlled Study On Effect Of Concentrated Growth Factors On Crestal Bone Levels And Peri-Implant Bone Density In Dental Implants**" Reference No: 2014-MD-BrI-Ven-02, under the guidance of Prof. **Dr. N. Venkatesan MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/14

Member secretary

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Prof. Dr. A. Vasanthakumari, MDS

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Prof. Dr. K. Vijayalakshmi, MDS

Shri. Balaji, BA, BL

Shri. E. P. Elumalai

MEMBER SECRETARY

Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr. I. Edilbert Raja**, Post Graduate Student, Department of Prosthodontics and crown & bridge under the title "Accuracy Of Fit Of Screw Retained Implant Super Structures Cast From Conventional Vs 3d Printed Pattern : An In Vitro Study " Reference No: 2014-MD-BrI-ASR-01 under the guidance of Prof. **Dr. A. S. Ramesh MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/16

  
Member secretary

  
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1/8/2018

Gmail - [Urkund] 10% similarity - vinoth999svk@gmail.com



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1 message

Thu, Jan 4, 2018 at 12:36 PM

report@analysis.urkund.com <report@analysis.urkund.com>  
To: vinoth999svk@gmail.com

Document sent by: vinoth999svk@gmail.com  
Document received: 1/4/2018 8:03:00 AM  
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Document : Thesis Final (1).pdf [D34334282]

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Dept.: Prosthodontics and Crown & Bridge

Date

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## ANNEXURE - 4

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## Document Information

Analyzed document Lavan - Plagiarism.pdf (D91710846)  
 Submitted 1/11/2021 4:34:00 PM  
 Submitted by Lavanya R  
 Submitter email lavanlash@gmail.com  
 Similarity 9%  
 Analysis address lavanlash.mgrmu@analysis.arkund.com

## Sources included in the report

<b>SA</b>	<b>Tamil Nadu Dr. M.G.R. Medical University / 6. Discussion edited.doc</b> Document 6. Discussion edited.doc (D61639450) Submitted by: kpnkishor@gmail.com Receiver: kpnkishor.mgrmu@analysis.arkund.com	00 00	3
<b>W</b>	URL: <a href="http://repository-tnmgrmu.ac.in/10803/1/240519719vijayasri.pdf">http://repository-tnmgrmu.ac.in/10803/1/240519719vijayasri.pdf</a> Fetched: 1/11/2021 5:59:40 PM	00 00	9
<b>SA</b>	<b>Tamil Nadu Dr. M.G.R. Medical University / MD final edited.docx</b> Document MD final edited.docx (D61639606) Submitted by: kpnkishor@gmail.com Receiver: kpnkishor.mgrmu@analysis.arkund.com	00 00	4
<b>SA</b>	<b>Tamil Nadu Dr. M.G.R. Medical University / THESIS FINAL.docx</b> Document THESIS FINAL.docx (D47676503) Submitted by: baji.jan@gmail.com Receiver: baji.jan.mgrmu@analysis.arkund.com	00 00	1
<b>SA</b>	<b>Tamil Nadu Dr. M.G.R. Medical University / to plagiarism.docx</b> Document to plagiarism.docx (D45694826) Submitted by: vijayasriammu@gmail.com Receiver: vijayasriammu.mgrmu@analysis.arkund.com	00 00	1

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## ANNEXURE - 3

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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr.LAVANYA.R, Post Graduate Student, Department of Orthodontics and Dentofacial Orthopedics, under the title "Comparative evaluation of rate of orthodontic tooth movement by varying site of Micro-osteoperforation(MOP) in patients undergoing fixed appliance therapy- An in vivo study" Ref no.: 2018-MDS-BrV-SUD-12/APDCH under the guidance of Dr.V.SUDHAKAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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## Document Information

Analyzed document 1-1.docx (D92335466)  
Submitted 1/15/2021 2:41:00 PM  
Submitted by DEEPAK BASKARAN T B  
Submitter email drdpak@hotmail.com  
Similarity 2%  
Analysis address drdpak.mgrmu@analysis.orkund.com

## Sources Included In the report

W URL: [https://www.researchgate.net/publication/248866335\\_White\\_Spot\\_Lesions\\_During\\_Ortho ...](https://www.researchgate.net/publication/248866335_White_Spot_Lesions_During_Ortho...)  
Fetched: 11/17/2019 10:11:17 AM  1

  
**Dr. S. Karthiga Kannan, MDS.,**  
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This Ethical Committee has reviewed the research Protocol submitted by Dr. DEEPAK BASKARAN.T.B., Post Graduate Student, Department of Orthodontics and Dentofacial Orthopaedics, under the title "Efficacy of fluoride releasing bonding system in prevention of white spot lesion development in patients undergoing fixed orthodontic therapy – An invivo study" Ref no.: 2018-MDS-BrV-SUD-11/APDCH under the guidance of Dr. V.SUDHAKAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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vi



## ANNEXURE - 4

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## Urkund Analysis Result

Analysed Document: MD final edited.docx (D61639606)  
 Submitted: 12/23/2019 11:51:00 AM  
 Submitted By: kpnkishor@gmail.com  
 Significance: 12 %

## Sources included in the report:

plagarism 31-1-19.docx (D47460826)  
 THESIS FINAL.docx (D47676503)  
[https://www.researchgate.net/publication/49816464\\_Miniscrew\\_implant-supported\\_maxillary\\_canine\\_retraction\\_with\\_and\\_without\\_corticotomy-facilitated\\_orthodontics](https://www.researchgate.net/publication/49816464_Miniscrew_implant-supported_maxillary_canine_retraction_with_and_without_corticotomy-facilitated_orthodontics)  
[https://www.researchgate.net/publication/6527609\\_Rapid\\_orthodontic\\_tooth\\_movement\\_aided\\_by\\_alveolar\\_surgery\\_in\\_beagl](https://www.researchgate.net/publication/6527609_Rapid_orthodontic_tooth_movement_aided_by_alveolar_surgery_in_beagl)  
 es

## Instances where selected sources appear:

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## Urkund Analysis Result

Analysed Document: MAIN DISSERTATION 1.docx (D61639474)  
 Submitted: 12/23/2019 11:44:00 AM  
 Submitted By: anubharathy27@gmail.com  
 Significance: 7 %

## Sources included in the report:

thesis.docx (D46694466)  
<https://www.ncbi.nlm.nih.gov/pubmed/11455378>  
<https://www.ncbi.nlm.nih.gov/pubmed/12809271>  
<https://www.ncbi.nlm.nih.gov/pubmed/25307911>  
<https://bmcoralhealth.biomedcentral.com/articles/10.1186/s12903-017-0332-2>  
<https://www.sciencedirect.com/science/article/abs/pii/S088954069870191X>  
[https://www.researchgate.net/publication/7250122\\_Shearpeel\\_bond\\_strength\\_of\\_orthodontic\\_attachments\\_to\\_moist\\_and\\_dry\\_enamel](https://www.researchgate.net/publication/7250122_Shearpeel_bond_strength_of_orthodontic_attachments_to_moist_and_dry_enamel)  
[https://www.researchgate.net/publication/8136292\\_Effect\\_of\\_primer\\_precuring\\_on\\_the\\_shear\\_bond\\_strength\\_of\\_orthodontic\\_brackets](https://www.researchgate.net/publication/8136292_Effect_of_primer_precuring_on_the_shear_bond_strength_of_orthodontic_brackets)  
[https://www.researchgate.net/publication/264192081\\_Microshear\\_bond\\_strength\\_of\\_adhesives\\_according\\_to\\_the\\_direction\\_of\\_enamel\\_rods](https://www.researchgate.net/publication/264192081_Microshear_bond_strength_of_adhesives_according_to_the_direction_of_enamel_rods)  
[https://www.researchgate.net/publication/281753608\\_Evaluation\\_of\\_bond\\_strength\\_of\\_orthodontic\\_brackets\\_without\\_enamel\\_etching](https://www.researchgate.net/publication/281753608_Evaluation_of_bond_strength_of_orthodontic_brackets_without_enamel_etching)  
[https://www.researchgate.net/publication/23392907\\_Assessment\\_of\\_enamel\\_damage\\_after\\_removal\\_of\\_ceramic\\_brackets](https://www.researchgate.net/publication/23392907_Assessment_of_enamel_damage_after_removal_of_ceramic_brackets)

Instances where selected sources appear:

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## ANNEXURE - 3

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This Ethical Committee has reviewed the research Protocol submitted by Dr. Kishor Kumar. K.N, Post Graduate Student, Department of Periodontics, under the title "COMPARATIVE EVALUATION OF RATE OF ORTHODONTIC TOOTH MOVEMENT BY VARYING THE TIMING OF THERAPEUTIC EXTRACTIONS IN PATIENTS UNDERGOING FIXED APPLIANCE THERAPY - AN IN VIVO STUDY" Ref no.: 2017-MDS-BrV-SUD-12/APDCH under the guidance of *Dr. V. Sudhakar* for consideration of approval to proceed with the study.

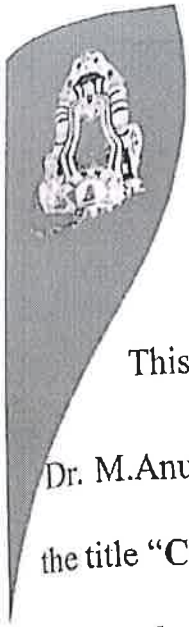
This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. M.Anu Bharathy, Post Graduate Student, Department of Orthodontics, under the title "**Comparative evaluation of shear bond strength of four different light cure orthodontic adhesives used in fixed appliance therapy - An in vivo study**" Ref no.: 2018-MDS-Br-SUD V-18/APDCH under the guidance of Dr. V. Sudhakar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

*S. Karthiga Kannan*



*[Signature]*  
Principal

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Melmaruvathur - 603 319  
Kanchipuram Dist., Tamil Nadu

## ANNEXURE - 3


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Affiliated to The Tamilnadu Dr.M.G.R Medical University

A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has undergone the research Protocol submitted by Dr.M.Vijaysri, Post Graduate Student, Department of Orthodontics and Dentofacial Orthopaedics, under the title "Critical Evaluation of Micro Osteo Perforation(MOP) assisted Orthodontic tooth movement by varying the number, and frequency of MOPs.-An invivo comparative study. " Ref no : 2016-MDS-BrV-SUD-11/APDCH under the guidance of Dr.V.Sudhakar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

**PRINCIPAL**  
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PRINCIPAL

**Prof.Dr.S.Karthiga Kannan, MDS.,**  
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ADHIPARASAKTHI DENTAL  
COLLEGE AND HOSPITAL  
MELMARUVATHUR-603 319**

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Tamil Nadu - 603 319**



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Prof.Dr.A.Vasanthakumari, MDS

Dr.N.Manisundar, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

### MEMBER SECRETARY

Prof.Dr.T.Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by CHANDRAMOHAN.K Post Graduate Student, Dept of ORAL PATHOLOGY under the title "IMMUNOHISTOCHEMICAL DETECTION OF 8-HYDROXY DEOXYGUANOSINE (8-OHdG) - A BIOMARKER OF OXIDATIVE DNA DAMAGE IN ORAL SUBMUCOUS FIBROSIS", Reference No: 2015-MD-Br VI-DEV-05/APDCH under the guidance of DR.M.DEVI, MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:



  
CHAIR PERSON

  
PRINCIPAL  
Prof.Dr.S.Karthiga Kannan, MDS.,  
ADHIPARASAKTHI



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- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.



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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has undergone the research Protocol submitted by Dr.S.Duraimurugan, Post Graduate Student, Department of Oral & Maxillofacial Surgery, under the title "Liquid Nitrogen Cryotherapy in Management of Oral lesions" Ref no : 2016-MDS-BrIII-GOK-06/APDCH under the guidance of Dr. D.Durairaj for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3591017/>

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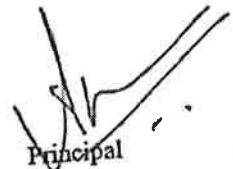
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This Ethical Committee has reviewed the research Protocol submitted by Dr. R. CHINNAIAH , Post Graduate Student, Department of Oral and Maxillofacial Surgery, under the title "A Comparative Study between Transbuccal and Transoral Approaches for Management of Mandibular Angle Fractures using Single Miniplates" Ref no.: 2018-MDS-BrIII-DUR-16/APDCH under the guidance of Dr. D. DURAIRAJ, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.




  
Principal

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Dr.K.Vijayalakshmi, MDS

Balaji, BA, BL

E.P.Elumalai

### MEMBER SECRETARY

S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr.M.Mahalakshmi Post Graduate Student, Department of Oral And Maxillofacial Surgery under the title **Efficacy of three dimensional titanium miniplates over the conventional titanium miniplates osteosynthesis in the management of anterior mandibular fractures** Reference No: **2014-MD-BrIII-SAD-06**, under the guidance of Prof Dr.Gokkulakrishnan for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

  
Member secretary

### PRINCIPAL

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INSTITUTIONAL ETHICS COMMITTEE AND  
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Prof. Dr.H.Murali, MDS

Dr.Muthuraj, MSc, MPhil, PhD

Prof.Dr. T.Ramakrishnan, MDS

Prof. Dr.T.Vetriselvan, MPharm,  
PhD

Prof. Dr.A.Vasanthakumari, MDS

Prof.Dr.N.Venkatesan, MDS

Prof. Dr.K.Vijayalakshmi, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**


Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by Dr.Vinod krishna. K, Post Graduate Student, Department of Oral And Maxillofacial Surgery under the title Neurosensory Assessment of Infraorbital Nerve Following Isolated Unilateral Zygomaticomaxillary Complex Fractures - A prospective study Reference No: 2014-MD-BrIII-BAL-07, under the guidance of Prof Dr.Gokkulakrishnan for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/16

  
Member secretary

  
**PRINCIPAL**  
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## References included in the report

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*S. Karthiga Kannan*  
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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. S. MARIAM, Post Graduate Student, Department of Oral and Maxillofacial Surgery, under the title "A COMPARATIVE STUDY BETWEEN V SHAPED LOCKING MINIPLATES AND CONVENTIONAL MINIPLATES IN ANTERIOR MANDIBLE FRACTURE FIXATION- A PILOT STUDY" Ref no.: 2018-MDS-Br.III-DUR-06/APDCH under the guidance of Prof.Dr.D Durairai, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

MEMBER SECRETARY



PRINCIPAL



PRINCIPAL

Prof. Dr. S. Karthiga Kannan, MDS.,  
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 Submitted By: dr.veeramuthu82@gmail.com  
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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr. M.VEERAMUTHU, Post Graduate Student, Department of Oral and Maxillofacial Surgery, under the title "Outcome of three different incision techniques in management of impacted mandibular third molar- a comparative study" Ref no.: 2018-MDS-Br.III-KAR-17/APDCH under the guidance of Dr. M. KARTHIKEYAN, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



*S. Karthiga Kannan*  
PRINCIPAL

Prof.Dr.S.Karthiga Kannan, MDS.,  
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Principal  
PRINCIPAL



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Kankipattu Dist., Tamil Nadu



bsi.





# Institutional Ethics Committee & Review Board

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<p><b><u>CHAIR PERSON</u></b></p> <p>Dr. S. Thillainayagam, MDS</p>	<p>This Ethical Committee has undergone the research protocol submitted by Dr. N. Prithivi Sankar, Post Graduate, Department of Oral &amp; Maxillofacial Surgery under the title "Efficacy Of Titanium Locking Mini Plates In The Management Of Mandibular Fractures : A Comparative Randomized Study ", Reference No : 2015 – MD – Br III – KAR – 07 / APDCH under the guidance of Dr. T. Ramakrishnan for consideration of approval to proceed with this study.</p> <p>This committee has discussed about the materials being involved with the study. The qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific Body and has come to a conclusion that this research protocol fulfills the specific requirements and the committee authorizes the proposal.</p>
<p><b><u>MEMBERS</u></b></p> <p>Dr. K. Rajkumar, BSc, MDS</p> <p>Dr. H. Murali, MDS</p> <p>Dr. Muthuraj, MSc, MPhil, PhD</p> <p>Prof. Dr. N. Thilagavathy, MDS</p> <p>Prof. Dr. S. Gokkulakrishnan, MDS</p> <p>Prof. Dr. A. Vasanthakumari, MDS</p> <p>Dr. N. Manisundar, MDS</p> <p>Shri. Balaji, BA, BL</p> <p>Shri. E. P. Elumalai</p>	
<p><b><u>MEMBER SECRETARY</u></b></p> <p>Prof. Dr. T. Ramakrishnan, MDS</p>	

Date

Chair Person

- Inform IEC / IRB immediately in case of any issue(s) / adverse events
- Inform IEC / IRB immediately in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC / IRB
- Members of IEC / IRB have the right to monitor the trial with prior intimation



  
**PRINCIPAL**  
**Prof. Dr. S. Karthiga Kannan, MDS.,**  
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This Ethical Committee has reviewed the research Protocol submitted by Dr.S.RATHI VADHANA, Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "Immunohistochemical Expression of Ki-67 and MCM2 Proliferation Markers In Odontogenic Cysts: A Comparative Study" Ref no.: 2018-MDS-BrVI-SHA-14/ APDCH under the guidance of Dr.S.SHAMALA RAVIKUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
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## ANNEXURE III

URKUND

## Urkund Analysis Result


Analysed Document: Menaka Thesis Final.docx (D46574661)  
 Submitted: 1/9/2019 11:00:00 AM  
 Submitted By: menakat@gmail.com  
 Significance: 13 %

## Sources included in the report:

MD Pradeep 8.1.19.docx (D46527307)  
 Abirami Final Print 28-11-17.pdf (D34333904)  
<http://www.jlaomr.in/article.asp?issn=0972-1363;year=2016;volume=28;issue=2;page=140;epage=144;au1ast=Choudhary>  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3424930/>  
<http://etheses.whiterose.ac.uk/11129/1/lbtisam%20completed%20thesis%2003.11.2015.pdf>  
<http://actamedicamarisilensis.ro/wp-content/uploads/2015/09/2012-4-3.pdf>  
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0093210>  
<https://www.ingentaconnect.com/content/daaj/09721363/2016/00000028/00000002/art00007>

## Instances where selected sources appear:

68

  
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## ANNEXURE I


**ADHIPARASAKTHI  
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Recognised by Dental Council of India  
Affiliated to The Tamilnadu Dr.M.G.R Medical University  
A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has undergone the research Protocol submitted by Dr. Menaka T.R, Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "Immunohistochemical Expression and Evaluation of MCM-2 and Cyclin D1 in Oral Squamous Cell Carcinoma and Verrucous Carcinoma" Ref no : 2016-MDS-BrVI-DEV-13/APDCIH under the guidance of Dr.S.Shamala for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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W: [www.apdch.edu.in](http://www.apdch.edu.in)



# URKUND

## Urkund Analysis Result

Analysed Document: MD Pradeep 8.1.19.docx (D46527307)  
 Submitted: 1/8/2019 7:11:00 AM  
 Submitted By: pradeeptindivanam@gmail.com  
 Significance: 9 %

### Sources included in the report:

Abirami Final Print 28-11-17.pdf (D34333904)  
 only WRITE up.docx (D31317701)  
 THESIS MAIN COPY.doc (D34771092)  
<https://www.sciencedirect.com/science/article/pii/S0266435612001039>  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3590735/>  
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0160901>  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2975090/>  
<https://en.wikipedia.org/wiki/Catenin>  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2721444/>  
<https://diagnosticpathology.biomedcentral.com/articles/10.1186/s13000-017-0654-z>

### Instances where selected sources appear:

29



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This Ethical Committee has undergone the research Protocol submitted by Dr.S.Pradeep Sankar, Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "Immunohistochemical Expression of P63 and  $\beta$ -CATENIN in different grades of Oral Squamous Cell Carcinoma" Ref no : 2016-MDS-BrVI-DEV-14/APDCH under the guidance of Dr.S.Shamala for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

Principal

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## Urkund Analysis Result

Analysed Document: plag check.docx (D61836458)  
Submitted: 1/4/2020 11:38:00 AM  
Submitted By: hariganesh89@gmail.com  
Significance: 8 %

### Sources included in the report:

MD Pradeep 8.1.19.docx (D46527307)  
[https://www.researchgate.net/publication/305211105\\_Expression\\_of\\_MUC1\\_mucin\\_in\\_potentially\\_malignant\\_disorders\\_oral\\_squamous\\_cell\\_carcinoma\\_and\\_normal\\_oral\\_mucosa\\_An\\_immunohistochemical\\_study](https://www.researchgate.net/publication/305211105_Expression_of_MUC1_mucin_in_potentially_malignant_disorders_oral_squamous_cell_carcinoma_and_normal_oral_mucosa_An_immunohistochemical_study)

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27

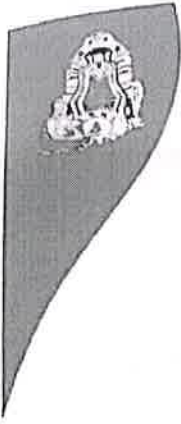


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This Ethical Committee has reviewed the research Protocol submitted by Dr. P. Hariganesh, Post Graduate Student, Department of Oral Pathology and Microbiology, under the title "Immunohistochemical expression of MUC1 Mucin in different grades of Oral Squamous cell carcinoma:A Case Control Study" Ref no.: 2017-MDS-BrVI-Dev-13/APDCH under the guidance of Dr.S.Shamala Ravikumar for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



  
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## Urkund Analysis Result

Analysed Document: Survivin ihc review.docx (D61147698)  
 Submitted: 12/16/2019 11:51:00 AM  
 Submitted By: vinosharma619@gmail.com  
 Significance: 13 %

### Sources included in the report:

<https://link.springer.com/article/10.1186/s11658-017-0038-0>  
[https://www.researchgate.net/publication/6134558\\_Survivin\\_expression\\_in\\_ovarian\\_cancer](https://www.researchgate.net/publication/6134558_Survivin_expression_in_ovarian_cancer)  
[https://www.researchgate.net/publication/319158239\\_Expression\\_of\\_survivin\\_in\\_dysplasia\\_and\\_different\\_grades\\_of\\_oral\\_squamous\\_cell\\_carcinoma](https://www.researchgate.net/publication/319158239_Expression_of_survivin_in_dysplasia_and_different_grades_of_oral_squamous_cell_carcinoma)  
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0116517>  
<https://link.springer.com/article/10.1007/s00795-018-0204-0>  
<https://headandneckoncology.biomedcentral.com/articles/10.1186/1758-3284-2-30>  
<https://www.ncbi.nlm.nih.gov/pubmed/20033843>  
<https://clincancerres.aacrjournals.org/content/16/1/77>  
[https://www.researchgate.net/publication/41413080\\_Nuclear\\_Survivin\\_expression\\_is\\_correlated\\_with\\_malignant\\_behaviors\\_of\\_head\\_and\\_neck\\_cancer\\_together\\_with\\_Aurora-B](https://www.researchgate.net/publication/41413080_Nuclear_Survivin_expression_is_correlated_with_malignant_behaviors_of_head_and_neck_cancer_together_with_Aurora-B)  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4592734/>

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Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by DR. JANANI,I, Post Graduate Student, Department of Oral Pathology and Microbiology under the title "EXPRESSION OF VEGF AND MICROVESSEL DENSITY (CD 34) IN ORAL EPITHELIAL DYSPLASIA AND ORAL SQUAMOUS CELL CARCINOMA" Reference No: 2014MD-Br VI-DEV-13, under the guidance of DR. M.DEVI., MDS for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 28/12/14

  
Member secretary



  
**PRINCIPAL**  
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<p><b><u>CHAIR PERSON</u></b></p> <p>Prof.Dr.K.Rajkumar, BSc,MDS,</p>	<p>This ethical committee has undergone the research protocol submitted by DR. JANANE.M, Post Graduate Student, Department of Oral Pathology and Microbiology under the title "EXPRESSION OF CANCER STEM CELL MARKERS - ALDEHYDE DEHYDROGENASE1A1 (ALDH1A1) AND CD44 IN ORAL EPITHELIAL DYSPLASIA AND ORAL SQUAMOUS CELL CARCINOMA" Reference No: 2014MD-Br VI-RAM-12, under the guidance of DR. M.DEVI., MDS for consideration of approval to proceed with the study.</p> <p>This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.</p> <p>Date: 28/12/16</p> <p> Member secretary</p>
<p><b><u>MEMBERS</u></b></p> <p>Prof.Dr.A.Momon Singh,MD</p> <p>Prof.Dr.H.Murali, MDS</p> <p>Dr.Muthuraj, MSc, MPhil, PhD</p> <p>Prof.Dr.T.Ramakrishnan, MDS</p> <p>Prof.Dr.T.Vetriselvan, MPharm, PhD</p> <p>Prof.Dr.A.Vasanthakumari, MDS</p> <p>Prof.Dr.N.Venkatesan, MDS</p> <p>Prof.Dr.K.Vijayalakshmi, MDS</p> <p>Shri.Balaji, BA, BL</p> <p>Shri.E.P.Elumalai</p>	
<p><b><u>MEMBER SECRETARY</u></b></p> <p>Dr.S.Meenakshi, PhD</p>	



  
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A Unit of Adhiparasakthi Charitable, Medical, Educational & Cultural Trust

This Ethical Committee has reviewed the research Protocol submitted by Dr.Vinoth.K, Post Graduate Student, Department Of Oral And Maxillofacial Pathology And Microbiology, under the title "Immunohistochemical expression Of Survivin In Different Grades Of Oral Squamous Cell Carcinoma" Ref no.: 2017-MDS-Br.VI-VII-14/APDCH under the guidance of Dr.S.Shamala, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.



*[Signature]*  
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Abirami Murali <abiramimurali9132@gmail.com>

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4 January 2018 at 12:05

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Shri.Balaji, BA, BL

Shri.E.P.Elumalai

**MEMBER SECRETARY**

Prof.Dr.T.Ramakrishnan, MDS

This ethical committee has undergone the research protocol submitted by **ABIRAMILM** Post Graduate Student, Dept of **ORAL PATHOLOGY** under the title "IMMUNOHISTOCHEMICAL EVALUATION OF p-mTOR (PHOSPHORYLATED MAMMALIAN TARGET OF RAPAMYCIN) IN ORAL SQUAMOUS CELL CARCINOMA", Reference No: 2015-MD-Br VI-DEV-05/APDCH under the guidance of **DR.M.DEVI, MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.



Date:

*Signature of Dr. S. Karthiga Kannan*  
**PRINCIPAL**

*Signature of Chair Person*  
**CHAIR PERSON**

**Dr.S.Karthiga Kannan, MDS.,**  
**ADHIPARASAKTHI**  
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- Inform IEC/IRB immediately in case of any issue(s) / adverse events.
- Inform IEC/IRB in case of any change of study procedure, site and investigator.
- Annual report to be submitted to IEC/IRB.
- Members of IEC/IRB have right to monitor the trial with prior intimation.



Karthikeyan A <dr.akarthikeyan@gmail.com>

[Urkund] 8% similarity - dr.akarthikeyan@gmail.com

1 message

report@analysis.urkund.com <report@analysis.urkund.com>  
To: dr.akarthikeyan@gmail.com

Thu, Jan 4, 2018 at 10:17 AM

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PhD

Prof.Dr.A.Vasanthakumari, MDS

Prof.Dr.N.Venkatesan, MDS

Prof.Dr.K.Vijayalakshmi, MDS

Shri.Balaji, BA, BL

Shri.E.P.Elumalai

### MEMBER SECRETARY

Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr. A. KARTHIKEYAN** Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**A COMPARATIVE EVALUATION OF ANTIBACTERIAL EFFICACY OF NEEM AND TURMERIC WITH AND WITHOUT ADDITION OF CALCIUM HYDROXIDE AGAINST ENTEROCOCCUS FAECALIS - AN IN VITRO STUDY**" Reference No: 2015- MD-BrIV-SAT-09/APDCH under the guidance of **Dr.S.THILLAINAYAGAM MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

  
PRINCIPAL

  
Member secretary

Prof. Dr. S. Karthiga Kannan, MDS



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# URKUND

## Urkund Analysis Result

Analysed Document: Untitled 03.01.2018.pdf (D34337737)  
Submitted: 1/4/2018 10:14:00 AM  
Submitted By: y.venkat5908@gmail.com  
Significance: 8 %

Sources included in the report:

FINAL THESIS.pdf (D34337635)

Instances where selected sources appear:

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Prof. Dr. S. Karthiga Kannan, MDS.,  
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Shri.E.P.Elumalai

**MEMBER SECRETARY**

Dr. S. Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **Dr. Y. Anusha** Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**COMPARATIVE EVALUATION OF ANTIMICROBIAL EFFICACY OF BITTER GUARD (MOMORDICA CHARANTTIA) & GARLIC (ALLIUM SATIVUM) AS ENDODONTIC IRRIGANTS-AN IN VITRO STUDY** Reference No: 2015- MD-BrIV-SAT-08/APDCH under the guidance of **DR. S. Thillainayagam MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

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**Member secretary**

Prof.Dr.S.Karthiga Kannan, MDS.

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Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **DR.C.RAVI VARMAN**, Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**COMPARATIVE EVALUATION OF THE PHYSICAL PROPERTIES AND BIOCOMPATIBILITY OF ZINC OXIDE-OZONATED EUGENOL AND CONVENTIONAL ZINC OXIDE EUGENOL AS AN ENDODONTIC SEALER – AN INVITRO STUDY**" Reference No: 2014-MD-BrIV-SAT#09 under the guidance of **DR.S.THILLAINAYAGAM MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date: 27.12.2016

  
Member secretary



*S. Karthiga Kannan*  
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Dr.S.Meenakshi, PhD

This ethical committee has undergone the research protocol submitted by **DR.KAUSHALYA.P**, Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**A COMPARATIVE EVALUATION OF FRACTURE RESISTANCE AND RETENTION OF THREE DIFFERENT FIBER REINFORCED POSTS IN ENDODONTICALLY TREATED TEETH WITH OVAL-SHAPED CANALS**" – AN **INVITRO STUDY**" Reference No: 2014-MD-BrIV-SAT-09 under the guidance of **DR.S.THILLAINAYAGAM, MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

*(Signature)*  
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**Prof.Dr.S.Karthiga Kannan, MDS.,**  
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This ethical committee has undergone the research protocol submitted by **Dr. Darla Srikanth**, Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "**Comparative Evaluation of The penetrability and Shear Bond Strength of three Different Root Canal sealers – An Invitro Study**" Reference No: 2014-MD-BrIV-SAT-08 under the guidance of **Dr. S. Thillainayagam MDS.**, for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

Date:

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## References included in the report

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This Ethical Committee has reviewed the research Protocol submitted by Dr. DEVIKA.K.V, Post Graduate Student, Department of Oral Pathology & Microbiology, under the title "An Immunohistochemical study of CD31 and Podoplanin expression in Oral reactive lesions" Ref no.: 2018-MDS-BrVI-SHA-13/ APDCH under the guidance of Dr. S.SHAMALA RAVIKUMAR, M.D.S., for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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This Ethical Committee has undergone the research Protocol submitted by Dr.K.Santhosh Kumar, Post Graduate Student, Department of Conservative Dentistry & Endodontics, under the title "Comparative Evaluation of effect of three Antioxidants on the Calcium:Phosphorous ratio of Enamel bleached with 35% Hydrogen peroxide; an Invitro Quantitative Energy-Dispersive X-ray analysis" Ref no : 2016-MDS-BrIV-THI-09/APDCH under the guidance of Dr.S.Thillainayagam for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

  
Principal

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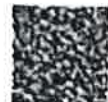
  
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## ANNEXURE



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This Ethical Committee has undergone the research Protocol submitted by Dr. Y.Reeja, Post Graduate Student, Department of Conservative Dentistry & Endodontics, under the title "Comparative Evaluation of Removal of Root canal filling material with Rotary and Reciprocating Retreatment file systems in combination with or without XP Endo finisher-An Invitro CBCT study" Ref no : 2016-MDS-BrIV-THI-08/APDCH under the guidance of Dr.S.Thillainayagam for consideration of approval to proceed with the study.

This Committee has discussed about the Material being involved with the study, the Qualification of the investigator, the present norms and recommendations from the Clinical Research Scientific body and comes to a conclusion that this Research protocol fulfils the Specific requirements and the Committee authorizes the proposal.

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This ethical committee has undergone the research protocol submitted by Dr. S. SARAVANAN Post Graduate Student, Department of Conservative Dentistry and Endodontics under the title "COMPARATIVE EVALUATION OF SEALER PENETRATION INTO ROOT DENTIN FOLLOWING PRETREATMENT WITH TWO DIFFERENT CHELATING AGENTS – AN INVITRO STUDY" Reference No: 2015- MD-BrIV-SAT-10/APDCH under the guidance of Dr. S. THILLAINAYAGAM MDS., for consideration of approval to proceed with the study.

This committee has discussed about the material being involved with the study, the qualification of the investigator, the present norms and recommendation from the Clinical Research scientific body and comes to a conclusion that this research protocol fulfils the specific requirements and the committee authorizes the proposal.

  
Member secretary

Date:



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