B.J.S. Dental College, Hospital & Research Institute Ludhiana

Dated: 05.01.2021

Minutes of Institutional Ethics Committee

The Institutional Ethics Committee meeting was held under the stewardship of the Chairman Dr. Ashutosh Nirola on the 05.01.2021 at 10:00 AM in the staff room following all Covid-19 safety protocols.

The following projects were discussed:

Sr. No.	Title of Project	Project Head	Specialty
1	Evaluation of correlation between Carbon Monoxide Level in breath and severity of Periodontitis"	Ravinder Kaur	Periodontology & Oral Implantology
2	Evaluation of correlation between blood glucose levels of gingival crevicular blood, venous blood and finger prick blood	Jaspinder Kaur	Periodontology & Oral Implantology
3	Comparative Evaluation of dimensional stability of interocclusal record materials immersed in different disinfectants – an in-vitro study	Riddhi Sharma	Prosthodontics and Crown & Bridge
4	Comparative evaluation of fracture strength of three different posts: custom made PEEK posts, Direct metal laser sintered posts, prefabricated glass fiber posts – an in-vitro study	Jasleen Kaur Puar	Prosthodontics and Crown & Bridge
- 5	Comparative evaluation of the effect of three mouthwashes on the Color stability of a composite resin: An In Vitro Study	Surbhi	Conservative Dentistry and Endodontics
6	Comparative Evaluation of Fracture Resistance Using Different Rehydration Mediums For Fragment Reattachment In Uncomplicated Crown Fracture: An In Vitro Study.	Kavisha Bajaj	Conservative Dentistry and Endodontics
7	A Comparative Analysis Of The Efficacy Of Three Pre-Cleaning Protocols In Removing Debris From The Endodontic Instruments: An In Vitro Study	Aneetinder Kaur	Conservative Dentistry and Endodontics
8	Evaluation of Maxillary Transverse Discrepancy and Mandibular Morphology in patients with unilateral posterior crossbite	Pallavi Garg	Orthodontics & DentofacialOrthopaedics



9	Distribution of Malocclusion and Occlusal Traits in Orthodontically Referred Patients in Dental Hospital and Research Centre	SamridhiSandhir	Orthodontics &DentofacialOrthopaedics
10	Soft Tissue Profile Changes After Premolar Extractions in Bimaxillary Protrusion Cases In North Indian Population - A Cephalometric Study	Daljit Kaur	Orthodontics &DentofacialOrthopaedics
11	Evaluation of Baking Soda Wipes As An Additional Caries Preventive Measure In 2-5 Year Old Children: A randomized in vivo study	Udit Shankar	Paediatric and Preventive Dentistry
12	Comparative evaluation of two rotary file systems on quality of obturation and instrumentation time in primary mandibular molars-a randomised in vivo study	Prachi	Paediatric and Preventive Dentistry

- It was discussed to add consent form in vernacular language aside from the English language in all clinical studies by the Member Secretary.
- The methods of randomization of sample in the project submitted by Dr. Udit Shankar "Evaluation of Baking Soda Wipes as an Additional Caries Preventive Measure In 2-5 Year Old Children: A randomized in vivo study", was advised to be added in detail in the protocol.
- Dr Ekta Singh Suneja suggested that Information on cephalometric radiation exposure should be added in patient information sheet in the project "Soft Tissue Profile Changes After Premolar Extractions in Bimaxillary Protrusion Cases In North Indian Population - A Cephalometric Study", submitted by Dr. Daljit Kaur.

The meeting ended with a vote of thanks to all members present, by the Member Secretary.

Dr. Sunaina Jodhka Member Secretary

(Research Committee)

Copy to:

Vice Chairman's Office Principal's Office

All Heads of Departments

B.J.S. Dental College, Hospital & Research Institute, Ludhiana

PROCEEDINGS OF THE ETHICAL COMMITTEE OF B.J.S. DENTAL COLLEGE, HOSPITAL & RESEARCH INSTITUTE HELD ON 20-11-2018

Ethical Committee of B.J.S. Dental College, Hospital & Research Institute, Ludhiana met on 20.11.2018 under chairmanship of Dr. Ashutosh Narula. After due delibration it was decided to give ethical clearness to research topics of MDS students of B.J.S. Dental College, Hospital & Research Institute, Ludhiana 2018 batch attached as Appendix - I.

1	Dr. Ashutosh Nirula	Chairperson
	Principal & Professor, Periodontics	
	Luxmi Bai Institute of Dental Sciences, Patiala	
2	Dr. Saurablı Bither,	Clinician
	Professor, Oral Surgery	
	Luxmi Bai Institute of Dental Sciences, Patiala	
3	Dr. D.S. Kalsi	Clinician
	Professor, Periodontology	
	B.J.S. Dental College & Hospital, Ludhiana	The state of the s
4	Dr. Ekta Singh Suneja	Clinician
	Prof., Conservative Dentistry,	
	B.J.S. Dental College & Hospital, Ludhiana	
5	Dr. Santosh Mahajan	Basic Medical Science
	Prof, Biochemistry	
	B.J.S. Dental College & Hospital, Ludhiana	
6	Dr. Jasleen Narula	Basic Medical Science
	Prof., Pharmacology	
	B.J.S. Dental College & Hospital, Ludhiana	
7	Mr. Manveer Gill	Legal Expert
8	Mr. Darshan Singh	Social Worker / Representative of NGO
9	Mr. Iqbal Singh	Phillosopher/Ethicist/Theologian
10	Mr. Paramjit Singh	Lay Person from the community
11	Dr. J.P.S. Kalra	Member Secretary
	Dean, PG Studies, B.J.S. Dental College & Hospital, Ludhiana	

The committee approved the plan of thesis of the all MDS students and decided to submit the same to the Balla Farid University of Health Sciences.

un tosh m Dr. Ashutosh Nirola,

Principal & Prof., Periodontics

Dr. Ekta Singh Suneja, Professor, Conservative Dentistry

Dr. Saurabh Bither,

Professor, Oral Surgery

Dr. Jasleen Narula, Professor, Pharmacology

Mr. Darshan

Mr. Paramjit Sing

Mr. Igbal Singh

Dr. J.P.S. Kalra,

Dean PG Studies

B.J.5

Dr. D.S. Kalsi, Professor Periodontology

Dr. Santosh Mahajan, Professor Biochemistry

Mr. Manveer Gin

Certificate from the Ethical Committee

Plan of theses of the following students have been scrutinized by us. The appointment of supervisor and co-supervisor is as per specification of DCI and BFUHS.

The following titles of theses have been approved and they are being forwarded to the BFUHS for further necessary action.

S.	Title	Name of Student	Department
No.	COMPARATIVE EVALUATION OF LASER PERIODONTAL THERAPY WITH MODIFIED WIDMAN FLAP SURGERY FOR TREATMENT OF MODERATE PERIODONTITIS.	Dr. Arushi Goyal	Periodontology & Oral Implantology
2	EVALUATION OF EFFICACY OF NITROUS OXIDE CONSCIOUS SEDATION DURING PERIODONTAL SURGERY.	Dr. Sanjana Singh	Periodontology & Oral Implantology
3	COMPARATIVE EVALUATION OF VARIATION IN THE IMPLANT STABILITY QUOTIENT AT DIFFERENT TIME INTERVALS AFTER IMMEDIATE AND DELAYED LOADING.	Dr. Akaljot Kaur	Prosthodontics and Crown & Bridge
4	EVALUATION AND COMPARISON OF RETENTION IN MAXILLARY COMPLETE DENTURES FABRICATED USING DIFFERENT BORDER MOLDING MATERIALS.	Dr. Jasleen Arora	Prosthodontics and Crown & Bridge
5	AN IN-VITRO EVALUATION OF THE MICROLEAKAGE IN CLASS V PREPARATIONS RESTORED WITH FOUR DIFFERENT TOOTH COLORED RESTORATIVE MATERIALS.	Dr. Nishu Rani	Conservative Dentistry & Endodontics
6	TO COMPARE THE EFFICACY OF FOUR DIFFERENT METHODS IN LOCATING THE ACCESSORY MESIAL CANAL ORIFICE IN MANDIBULAR FIRST AND SECOND MOLARS: AN IN-VITRO STUDY.	Dr. Abhinav Sagar	Conservative Dentistry & Endodontics
7	COMPARATIVE EVALUATION OF EFFECTS OF THREE DIFFERENT DISINFECTANT SOLUTIONS ON THE TENSILE STRENGTH OF GUTTA PERCHA CONES: AN IN-VITRO STUDY	Dr. Jaskaran Singh	Conservative Dentistry & Endodontics
8	RELIABILITY OF BETA ANGLE, YEN ANGLE, W ANGLE AND PI ANGLE IN ASSESSING ANTEROPOSTERIOR APICAL BASE DISCREPANCY IN DIFFERENT MANDIBULAR GROWTH PATTERNS.	Dr. Swati	Orthodontics and Dentofacial Orthopaedics
9	ASSESSMENT OF LOWER THIRD MOLAR ERUPTION STATUS IN DIFFERENT FACIAL GROWTH PATTERNS IN ADULTS - A RADIOGRAPHIC STUDY.	Dr. Kiranjeet Kaur	Orthodontics and Dentofacial Orthopaedics
10	ASSESSMENT OF EFFECT OF MOUTHWASH ON STREPTOCOCCUS MUTANS ADHESION IN PATIENTS WEARING THERMOPLASTIC RETAINERS.	Dr. Shivani	Orthodontics and Dentofacial Orthopaedics
11	COMPARISON OF THE OUTCOME OF BIODENTINE PULPOTOMY AND CALCIUMHYDROXIDE – IODOFORM PULPECTOMY IN CARIOUS VITAL PRIMARY MAXILLARY INCISORS – A RANDOMIZED STUDY	Dr. Roohan Singh	Pediatric and Preventive Dentistry

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12	COMPARISON OF THE EFFECT OF NITROUS OXIDE-OXYGEN INHALATION SEDATION AND CONVENTIONAL BEHAVIOUR MANAGEMENT TECHNIQUES ON CHILDREN'S PAIN PERCEPTION DURING ADMINISTRATION OF LOCAL ANAETHESIA AND OUTCOME OF BEHAVIOR AFTER TREATMENT – A RANDOMIZED CROSS OVER STUDY.	Dr. Vishakha Kashyap	Pediatric and Preventive Dentistry
13	ALKASITE VERSUS STAINLESS STEEL CROWN AS A RESTORATIVE MATERIAL IN PULPOTOMISED PRIMARY MOLARS- A RANDOMIZED STUDY	Dr. Kanwalpreet Kaur	Pediatric and Preventive Dentistry

Dr. Ashutosh Nirola, Principal & Prof., Periodontics

> Dr. D.S. Kalsi, Professor Periodontology

Dr. Saltosh Mahajan, Professor, Bjochemistry

Mr. Manveer Gill,

Dr. Saurabh Bitter, Professor, Oral Surgery

Dr. Ekta Singh Suneja, Professor, Conservative Dentistry

Dr. Jasieen Narula, Professor, Pharmacology Dr. J.P.S. Kalra, Dean PG Studies

Mr. Iqbal Singh

Mr. Paramjit Singh

LUDHIANA COLOR

B.J.S. Dental College, Hospital & Research Institute, Ludhiana

PROCEEDINGS OF THE ETHICAL COMMITTEE OF B.J.S. DENTAL COLLEGE, HOSPITAL & RESEARCH INSTITUTE HELD ON 15-11-2019

Ethical Committee of B.J.S. Dental College, Hospital & Research Institute, Ludhiana met on 15.11.2019 under chairmanship of Dr. Ashutosh Narula. After due delibration it was decided to give ethical clearness to research topics of MDS students of B.J.S. Dental College, Hospital & Research Institute, Ludhiana 2019 batch attached as Appendix - I.

1	Dr. Ashutosh Nirula	Chairperson	
	Principal & Professor, Periodontics		
	Luxmi Bai Institute of Dental Sciences, Patiala		
2	Dr. Saurabh Bither,	Clinician	
	Professor, Oral Surgery	and the second second	
	Luxmi Bai Institute of Dental Sciences, Patiala		
3	Dr. D.S. Kalsi	Clinician	
	Professor, Periodontology		
	B.J.S. Dental College & Hospital, Ludhiana	The state of the s	
4	Dr. Ekta Singh Suneja	Clinician	
	Prof., Conservative Dentistry,		
	B.J.S. Dental College & Hospital, Ludhiana	////////	
5	Dr. Santosh Mahajan	Basic Medical Science	
	Prof, Biochemistry		
	B.J.S. Dental College & Hospital, Ludhiana		
6	Dr. Puneet Singla	Basic Medical Science	
	Prof., General Pathology		
	B.J.S. Dental College & Hospital, Ludhiana		
7	Mr. Manveer Gill	Legal Expert	
8	Mr. Darshan Singh	Social Worker / Representative of NGO	
9	Mr. Iqbal Singh	Phillosopher/Ethicist/Theologian	
10	Mr. Paramjit Singh	Lay Person from the community	
11	Dr. J.P.S. Kalra Dean, PG Studies, B.J.S. Dental College & Hospital, Ludhiana	Member Secretary	

The committee approved the plan of thesis of the all MDS students and decided to submit the same to the Baba Fazid University of Health Sciences.

Dr. Ashutosh Nirola,

Principal & Prof., Periodontics

Dr. D.S. Kalsi, Professor Periodontology

Dr. Santosh Mahajan, Professor, Biochemistry

eer Gill,

Dr. Saurabh Bither, Professor, Oral Surgery

Dr. Ekta Singh Suneja, Professor, Conservative Dentistry

Dr. Puneet Singla, Professor,

General Pathology

Darshan Singh

Dr. J.P.S. Kalra, Dean PG Studies

Certificate from the Ethical Committee

Plan of thesis of the following MDS Part - I students (2019 Batch) of B.J.S. Dental College, have been scrutinized by us. The appointment of supervisor and co-supervisor is as per specification of DCI and BFUHS.

The following titles of theses have been approved and they are being forwarded to the BFUHS for further necessary action.

S. No.	Title	Name of Student	Department
No.	EVALUATION OF CORRELATION OF DERMATOGLYPHIC PATTERNS OF THUMB WITH PERIODONTAL HEALTH AND PERIODONTITIS	Dr. Khushboo Arora	Periodontology & Oral Implantology
2	EFFECT OF LOW LEVEL LASER THERAPY ON HEALING OF GINGIVECTOMY WOUNDS	Dr. Simran Ghumman	Periodontology & Oral Implantology
3	COMPARATIVE EVALUATION OF ANTIMICROBIAL PROPERTY AND DIMENSIONAL ACCURACY OF IRREVERSIBLE HYDROCOLLOID IMPRESSION MATERIAL INCORPORATED WITH SILVER NANOPARTICLES. – AN IN-VITRO STUDY	Dr. Vishwas Narang	Prosthodontics and Crown & Bridge
4	THREE-DIMENSIONAL COMPARATIVE EVALUATION OF ACCURACY OF DENTAL DIES FABRICATED BY DIGITAL AND CONVENTIONAL WORKFLOWS	Dr. Navneet Kaur Birdi	Prosthodontics and Crown & Bridge
5	COMPARATIVE EVALUATION OF THE EFFICACY OF THREE DIFFERENT TECHNIQUES FOR THE REMOVAL OF ROOT CANAL FILLING MATERIAL: AN IN-VITRO STUDY	Dr. Aakash Gupta	Conservative Dentistry & Endodontics
6	COMPARATIVE EVALUATION OF THREE DIFFERENT IRRIGATION TECHNIQUES TO CHECK THE APICAL EXTRUSION OF DEBRIS: AN IN-VITRO STUDY	Dr. Rishab Grover	Conservative Dentistry & Endodontics
7	COMPARATIVE EVALUATION OF COMPRESSIVE STRENGTH OF THREE DIFFERENT COMPOSITE RESTORATIVE MATERIALS: AN IN-VITRO STUDY	Dr. Anugeet Kaur Dev	Conservative Dentistry & Endodontics
8	ROLE OF GOLDEN PROPORTION IN PERCEPTION OF FACIAL ATTRACTIVENESS	Dr. Priya Gupta	Orthodontics and Dentofacial Orthopaedics
9	PREVALENCE OF MALOCCLUSION AMONG 12-15 YEARS OLD SCHOOL GOING CHILDREN IN LUDHIANA, PUNJAB	Dr. Jagriti	Orthodontics and Dentofacial Orthopaedics
10	EFFICACY OF LOW-LEVEL LASER THERAPY IN ORTHODONTIC TOOTH MOVEMENT AND PAIN PERCEPTION		Orthodontics and Dentofacial Orthopaedics
11	PARENTAL ACCEPTANCE AND CARIES ARRESTING POTENTIAL OF SILVER DIAMINE FLUORIDE WHEN USED ALONE AND WHEN USED IN COMBINATION WITH POTASSIUM IODIDE: A COMPARATIVE IN VIVO STUDY	Dr. Anukirat Kaur Dev	Pediatric and Preventive Dentistry

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COMPARISON OF THE OUTCOMES OF HALL Dr. Avneet Kaur Pediatric and TECHNIQUE AND PULPOTOMY FOLLOWED BY STAINLESS STEEL CROWN IN PRIMARY MOLARS: A RANDOMIZED IN VIVO STUDY Preventive Dentistry Dr. J.P.S. Kalra, Dr. Ashutosh Nirola, Dr. Saurabh Bitker, Dean PG Studies Professor, Oral Surgery Principal & Prof., Periodontics Dr. Ekta Singh Suneja, Professor,
Conservative Dentistry Dr. D.S. Kalsi, Professor Paramont Angh Mr. Paramjit Singh Periodontology Dr. Puneet Singla, Professor Dr. Santosh Mahajan, Professor, Biochemistry General Pathology

Mr. Darshan Singh

Mr. Manveer Gill,

B.J.S. Dental College, Hospital & Research Institute, Ludhiana

PROCEEDINGS OF THE ETHICAL COMMITTEE OF B.J.S. DENTAL COLLEGE, HOSPITAL & RESEARCH INSTITUTE HELD ON 05.01.2021

Ethical Committee of B.J.S. Dental College, Hospital & Research Institute, Ludhiana met on 05.01. 2021 under chairmanship of Dr. Ashutosh Nirola. After due deliberation it was decided to give ethical clearance to research topics of MDS students of B.J.S. Dental College, Hospital & Research Institute, Ludhiana 2020 batch attached as Appendix - I.

1	Dr. Ashutosh Nirola	Chairperson
	Principal & Professor, Periodontics	
	Luxmi Bai Institute of Dental Sciences, Patiala	
	110.00000000000000000000000000000000000	Member Secretary
2	Dr. Sunaina Jodhka Professor, B.J.S. Dental College & Hospital, Ludhiana	
		Clinician
3	Dr. Saurab Bither,	
	Professor, Oral Surgery	
	Luxmi Bai Institute of Dental Sciences, Patiala	Clinician
4	Dr. D.S. Kalsi	Christian
	Professor, Periodontology	
	B.J.S. Dental College & Hospital, Ludhiana	
5	Dr. Ekta Singh Suneja Clinician	Clinician
	Prof., Conservative Dentistry,	
	B.J.S. Dental College & Hospital, Ludhiana	
6	Dr. Santosh Mahajan	Basic Medical Science
	Prof, Biochemistry	
	B.J.S. Dental College & Hospital, Ludhiana	
7	Dr. Roopinder Kaur	Pharmacologist
	Prof., Pharmacology	
	B.J.S. Dental College & Hospital, Ludhiana	
8	Mr. Manveer Gill	Legal Expert
		Social Worker / Representative of NGO
9	Mr. Darshan Singh	
10	Mr. Iqbal Singh	Phillosopher/Ethicist/Theologian
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same to the Baba Farid University of Health Sciences.

Dr. Ashutosh Nirola,

Principal & Prof., Periodontics

Dr. D.S. Kalsi, Professor Periodontology

Dr. Sentosh Mahajan, Professor, Biochemistry

Mr. Manveer Gill,

ausa Dr. Saurab Bither, Professor, Oral Surgery

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> Dr. Roopinder Kaur, Professor, Pharmacology

> > Mr. Darshan Singh

Dr. Sunaina Jodhka Professor, Paediatric & Preventive Dentistry

Mr. Iqbal Singh

Mr. Paramjit Singh

Certificate from the Ethical Committee

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9		Samridhi Sandhir	Orthodontics and Dentofacial Orthopaedics
10	Soft Tissue Profile Changes After Premolar Extractions in Bimaxillary Protrusion Cases In North Indian Population – A Cephalometric Study	Daljit Kaur	Orthodontics and Dentofacial Orthopaedics
11	Evaluation of Baking Soda Wipes As An Additional Caries Preventive Measure In 2-5 Year Old Children: A randomized in vivo study	Udit Shankar	Pediatric and Preventive Dentistry

Year Old Children: A random

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James Marine Land Marin

Comparative evaluation of **2** rotary file systems on quality of obturation and instrumentation time in primary mandibular molars-a randomised in vivo study

Pediatric and Preventive Dentistry

Pediatric and Preventive Dentistry

Dr. Ashutosh Nirola,
Principal & Prof., Periodontics

Dr. Saurab Bither, Professor, Oral Surgery

Dr. Sunaina Jodhka Professer, Paediatric & Preventive Dentistry

Dr. D.S. Kalsi, Professor Periodontology Dr. Ekta Singh Suneja, Professor,

Conservative Dentistry

Ella Singh

Mr. Iqbal Singh

Dr. Santosh Mahajan, Professor, Biochemistry Dr. Roopinder Kaur, Professor, Pharmacology Day on jit Ling Mr. Paramjit Singh

Mr. Manveer Gill,

Mr. Darshan Singh