



सत्यमेव जयते

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA  
JODHPUR ROMANA, MANDI DABWALI ROAD, BATHINDA,  
PUNJAB- 151001

ਅਖਿਲਭਾਰਤੀਆਯੁਰਵਿਗਿਆਨਸੰਸਥਾਨ, ਬਠਿੰਡਾ  
अखिलभारतीयआयुर्विज्ञानसंस्थान, बठिंडा  
Research Advisory Committee (RAC)



Ref. No. AB/RAC/2025/10/08

Date- 14/10/2025

### MINUTES OF MEETING- 14/10/2025

#### Research Advisory Committee

#### 1. CALL TO ORDER

Dr. Lajya Devi Goyal (Dean Research) called to order the meeting for discussion at 03:30 PM on 14/10/2025

- **The following members were present in the meeting:** -Dr. Soumya Swaroop ,Sahoo, Dr. Mintu Pal, Dr. Apurba Patra, Dr Suresh Kumar Goyal
- **The following members did not attend the meeting:-** Prof. (Dr.) Lajya Devi Goyal (Dean Research), Prof. (Dr.) Anuradha Raj, Prof. (Dr.) Kamlesh K Sharma, Prof. (Dr.) Gitanjali, Dr Vaibhav Saini

#### 2. AGENDA

Following 11 STS / MBBS Projects were discussed by RAC and send the subsequent comments:

Sr. No.	PI	Title of the Project	Comments
1	Garvit Khanna (MBBS Student)	Ease with breath: An interventional study to promote mental well-being using volitional breathing yoga to ease anxiety and enhance cognition in medical students	<ul style="list-style-type: none"> <li>• How do you ensure that improvements in anxiety and cognition are due to the breathing intervention and not due to other confounding factors like improved sleep or academic schedule changes?</li> <li>• The secondary objective needs to be modified. It may be: ...the effect of volitional breathing yoga on subjective well-being and quality of life/ or sleep quality in medical students.</li> </ul>

Sr. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> <li>• Inclusion and exclusion criteria must ensure mutually exclusive eligibility.</li> <li>• Mention the version of SPSS software.</li> <li>• Follow the reference arrangement in Vancouver style.</li> <li>• Modify the Informed consent form as per format.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• In form 2 checklist, item no.8 on Consent, purpose and procedure is Not marked.</li> <li>• Primary Study objective is to assess the effectiveness of V Breathing on reducing perceived stress ....., however there is no study tool mentioned to assess the stress. Only anxiety and cognitive function test tools are mentioned.</li> <li>• Methodology: A. Study design incomplete.</li> <li>• Will there be a control group?</li> <li>• Will there be a follow up, if yes, interval?</li> <li>• Sampling technique, how will randomization be done?</li> <li>• Exclusion criteria: Taking any medication?</li> <li>• References should be in Vancouver style.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• What is study Design.</li> <li>• What is the difference between your primary and secondary objectives.</li> </ul>

Sr. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> <li>Interventional study is not a study type.</li> <li>Is there any study or any follow up.</li> <li>How much is your denominator size or your total sample size and from which year?</li> <li>If complete sample size obtained from medical whether Nursing students will be included or not.</li> </ul>
2	Sumer Singh Dhaliwal (MBBS Student)	Parental Knowledge and Attitudes Regarding Emergency Management of Traumatic Dental Injuries and Associated Factors Among Indian Parents: A Cross-Sectional Study	<ul style="list-style-type: none"> <li>In form 1 incomplete: In table ,please tick mark the relevant items, form needs to be signed and dated.</li> <li>Title: the term Indian Parents suggests parents representing all parts of India.whereas present study is delimited to much narrower population. How do you plan to access the population from all regions of India, face to face , as given in data collection section? Please clarify the sampling technique.</li> <li>Study population: please clarify if it is Parents ? OR Parents or primary caregivers?</li> <li>Sec objective no 2 is repetition of primary objective.</li> <li>Sec objective no 1 and 3 are overlapping.</li> <li>Mention the Reference for sample size calculation please.</li> <li>Form 2 checklist is incomplete, please complete the same.</li> <li>References should be in Vancouver style.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Title: India is a large continent, be specific, write North Indian parents only.</li> </ul>

Sr. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> <li>• Introduction: Provide reference or evidence of the text in numerical order.</li> <li>• 350 patients within six months, is issue of feasibility.</li> </ul>
3	Karanpreet Kaur (MBBS Student)	Prevalence and Antimicrobial resistance pattern of Critical group of WHO Bacterial Priority pathogens (2024): A Tertiary care center observational study from North India	<ul style="list-style-type: none"> <li>• What is the denominator of prevalence of AMR?</li> <li>• Discuss your Co-Guide about primary and secondary objectives.</li> <li>• Any consent required from where you are taking medical records of patients. If any copyright claim than what?</li> </ul>
4	Upneet Kaur <b>NON-STs</b> (MBBS Student)	Assessment of knowledge Regarding Clinical Sample Adequacy among Undergraduate Medical Students in a Tertiary Care Institution	<ul style="list-style-type: none"> <li>• Form 2 not filled.</li> <li>• Sample size:- need to rethink on this.</li> <li>• Questionnaire used in this study is validated or not.</li> <li>• Attach Plagiarism and AI report.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• Which tool is used in objective 1 and how will you identify common misconception?</li> <li>• Objective-2 How would you justify awareness level as there is no correlation in sample size?</li> <li>• Modify aim and objectives.</li> <li>• What is your sample size, Minimum acceptance of sample size should be justified.</li> <li>• How total knowledge score is obtained by you?</li> <li>• Modify statistics part.</li> <li>• Described multivariate analysis.</li> <li>• Modify questionnaire by doing PILOT study.</li> </ul>

Sr. No.	PI	Title of the Project	Comments
5	Vanshika Pannu (MBBS Student)	Comparative Analysis of Rose versus non-Rose FNAC in Thyroid nodules. Does it improve Diagnostic yield?	<ul style="list-style-type: none"> <li>Patients Information Sheet and Patient Information Consent Form is not attached.</li> <li>240 subjects in only two months is feasible?</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Preferably, write the full form of abbreviations.</li> <li>Mention the total budget.</li> <li>Mention SPSS version.</li> <li>Need permission from the Medical Superintendent (MS)/Hospital Administration to access hospital records.</li> <li>Can apply for a waiver, but it must be formally approved by the IEC before starting data collection.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Spell out the abbreviations in title.</li> <li>Modify secondary objective- what is procedure time?</li> <li>What are the cause and effect of disease and how do you quantify cause and effects?</li> <li>What is your patients record if any permission is taken from Hospital Administration?</li> <li>Mention version of SPSS.</li> </ul>
6	Mr.Shlok Bhardwaj (MBBS Student)	Assessment of bone mineral density and trabecular bone score in type I diabetes mellitus Patients: A cross-sectional study.	<ul style="list-style-type: none"> <li>Cover letter ideally should be from the PI and forwarded by the Guide.</li> <li>Write the total budget.</li> </ul>

Sr. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> <li>Inclusion and exclusion criteria must ensure mutually exclusive eligibility.</li> <li>From an ethical and regulatory point of view, the faculty supervisor (guide) is the primary contact person, not the student. A student might be a study coordinator or investigator.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>So many abbreviations used but not spelled out at its first instance.</li> <li>Study duration: Not clear three years or six months.</li> <li>Exclusion criteria: Delete age criteria as already mentioned in inclusion criteria.</li> </ul>
7	Ritambhar Das (MBBS Student)	CLINICAL PROFILE OF PATIENTS PRESENTING WITH MALNUTRITION RELATED DIABETES MELLITUS AMONG ADULTS VISITING TERTIARY CARE CENTER IN NORTH INDIA: AN OBSERVATIONAL CROSS SECTIONAL STUDY	<ul style="list-style-type: none"> <li>Secondary objective 1 and 3 to be reviewed.</li> <li>Attach AI Report.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>How would you get prevalence in secondary objectives.</li> <li>What is your study design. And how would you get effect of malnutrition outcome.</li> <li>Write your point of view about Pre-diabetic patients. Why they are included in the study?</li> <li>How would you get sample size 33%?</li> <li>Include reference in Vancouver Style.</li> <li>Remove PI and write name of candidate.</li> </ul>

Sr. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> <li>Remove anticipated word in sample size calculations.</li> </ul> <hr/>
8	Deepinder kaur (MBBS student) <b>NON STS</b>	Assessing Knowledge and future compliance of Medical Students regarding fecal microbiota transplantation for the treatment of inflammatory Bowel disease(IBD).	<ul style="list-style-type: none"> <li>Attach AI report.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Start from IBD rather than UC.</li> <li>How would you get perceived barriers and influencing factors?</li> <li>Modify your sample size according to sample size calculations.</li> <li>Reference should be Vancouver Style.</li> <li>Use standard format of consent form according to AIIMS Bathinda format.</li> <li>To be written by checking study plan.</li> </ul> <hr/>

Sr. No.	PI	Title of the Project	Comments
9	Nandini Soin (MBBS Student)	Diagnostic Utility of Delta-like-1 ligand Detection in Tuberculous Meningitis: A Prospective Observational Study.	<ul style="list-style-type: none"> <li>Title is missing in the project file.</li> <li>No reference cited in the text. (Introduction and Review of Literature)</li> <li>Study duration: 3 years or 2 years(make uniform)</li> <li>292 patients in 6 months, if feasible.</li> <li>Reference should be Vancouver style.</li> <li>Budget: 4,60,000 who will bear the cost of ELISA kits? Clarify</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Who bear the cost of study?</li> <li>Clarify duration of study.</li> <li>Data of patients included should be corrected.</li> <li>There is no feasibility in this study.</li> </ul>
10	Nonam Arora (MBBS Student )	Recurrence pattern across breast cancer subtypes and comparative assessment of quality of life in these patients from Malwa region - A real-world observational study.	<ul style="list-style-type: none"> <li>Phase 1 data is planned to be captured from cancer registry of which region/state/institute? Please specify.</li> <li>What is the recurrence pattern? And how will you measure recurrence pattern?</li> <li>What is the study design?</li> <li>How you study quality of life in recurrence patients?</li> <li>Mention data of your patients of retrospective study.</li> <li>Clarify Malwa region.</li> </ul>

**Minutes of Meeting held on 14.10.2025 regarding the  
evaluation of STS/NONSTS/PG Thesis.**

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**Dr. Soumya Swaroop Sahoo**

**Dr. Apurba Patra**

**Dr. Suresh Kumar Goyal**

**Dr. Mintu Pal**  
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