



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

ਅਖਿਲਭਾਰਤੀਆਯੁਰਵਿਗਿਆਨਸੰਸਥਾਨ, ਬਠਿੰਡਾ
ਅਖਿਲਭਾਰਤੀਆਯੁਰਵਿਗਿਆਨਸੰਸਥਾਨ, ਬਠਿੰਡਾ

RESEARCH ADVISORY COMMITTEE



Ref. No. AB/RAC/2026/05/03

Date- 13.05.2026

MINUTES OF MEETING- 28.04.2026

Research Advisory Committee

1. CALL TO ORDER

Prof. (Dr) Lajya Devi Goyal (Dean Research) called to order the meeting for discussion at 03:30 PM on 28.04.2026.

• The following members were present in the meeting: -

Prof. (Dr) Anuradha Raj, Dr. M. Altaf Mir, Dr. Sivanantham Krishnamoorthi, Dr. Shailendra Rana. Prof. Dr. Rakesh Kakkar,

The following members did not attend the meeting:

Prof. Dr. Lajya Devi Goyal, Prof. Dr. Gurvinder Pal Singh, Prof. Dr. Ajay Kumar,

2. AGENDA

Following research projects were discussed by RAC and sent the subsequent comments:

S. No.	PI	Title of the Project	Comments
•	Ms. Tanya Gandhi (Nursing Tutor)	Translation, Cultural Adaptation, and Psychometric Evaluation of the Punjabi, Version of the Rosenberg Self-Esteem Scale among University Students in Punjab, India: A Methodological Study.	<ul style="list-style-type: none">• Kindly explain the scoring pattern of GHQ scale, as in the literature its mentioned that more than 12 scoring participant should be included in the study , but how that scoring is derived ?• Problem Statement needs to be re-written.• Novelty?• May need permission for conversion to Punjabi• Methodology needs to be more elaborative.

S. No.	PI	Title of the Project	Comments
	Dr. Sirat (TMB)	Optimization of Human Platelet Lysate from Platelet Concentrate Waste for Sustainable Valorization and use as a cell culture Growth Supplement.	<ul style="list-style-type: none"> • Objectives need to be refined (SMART objectives) • No hypothesis or expected outcomes quantified. • The methods section is extremely brief and non-reproducible. Expand with a detailed step-by-step protocol (attach as annexure if needed). Include a statistical plan for optimization. • No statistical justification for n=50 (power calculation? variability in expired PCs?). • Remove 'Number of Subjects: 50', rephrase as "Number of expired PC units: 50" • Clearly state "No human participants; use of de-identified discarded waste only." Will subjects from both sexes be recruited – no human subject (page 6). • How PICF/PIS form will be filled out? <hr/> <ul style="list-style-type: none"> • Who will obtain consent From Patients and when? • How will obtain consent as the participants are only the discarded Blood bags. • How will the patients be recruited for this study, How do you know that the patient from whom you are taking consent, the blood donated by them will end up being discarded?

S. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> • Provide detailed Sponsorship Details of the central institution from where the study is funded? • The memorandum of understanding does not bear the signatures of the competent authority so technically this memorandum is not a valid MOU • In material methods it is written that the ethical approval will be obtained from the blood bank, But blood bank cannot issue ethical approval for the same • The material and methods needs to be discussed in detail. In present form there is nothing in the material and methods as to how the study will proceed. • The patient information sheet needs to be rewritten in English, Hindi as well as in Punjabi • References for the study needs to be attached there are no mention of references anywhere in review of literature, Introduction or anywhere else • The sample size calculation has not been mentioned How did he reach that the size of 50?

S. No.	PI	Title of the Project	Comments
•	Dr. M Altaf Mir (Burns & plastic surgery)	Clinical Outcomes of Reconstruction Using Biodegradable Temporising Matrix in Complex Wounds: A Retrospective Study. (For Ethical waiver)	<ul style="list-style-type: none"> • Fill Ethical waiver form.
•	Prof. Dr. Lajya Devi Goyal (Obs & Gynae)	Central role of NO in the tripartite interactions of AMH, Leptin and KNDy neurons in adiposity and PCOS pathogenesis.	<ul style="list-style-type: none"> • Sponsor information incomplete with detailed budget not provided • Use of biological/hazardous fluid: How it will be disposed? • Specify that you are one of the sites for the project in the title • Undertaking by the Investigator to be modified to Undertaking by the Site Investigator • PIS and PICF to be labelled properly • The AIMS and objectives of the study do not match with the Material and methodology • References to be put in Vancouver style of referencing • Who is going to pay for the Tests?
•	Dr. Anugraha Merin Site PI- Dr. Vikas Lakhanpal (Neurology)	Determinants of caregiver burden among informal caregivers of stroke survivors.	<ul style="list-style-type: none"> • Factors such as socioeconomic status, prior mental health, and family support may influence caregiver burden, which has no mention in inclusion or exclusion criteria.

S. No.	PI	Title of the Project	Comments
• ✓	Dr. Sunil Kumar Singh Site PI-Dr. Vikas Lakhanpal (Neurology)	Redefining the diagnosis of cognitive disorders: Harnessing the potential of cognitive marker detection in blood platelet for early and accurate intervention.	<ul style="list-style-type: none"> • Budget is provided but sponsor details are missing. • Proposal is to be submitted as per institute's format. • All details mentioned under PIS should be corrected/
• ✓	Dr. Nilesh Barwar (Orthopaedics)	Open transforaminal Interbody Fusion at L5-S1 with a Separated passage the Multifidus Muscles for pedicle screw fixation: Retrospective Cross-Sectional Study.	<ul style="list-style-type: none"> • Attach study Performa. • Attach Permission letter from MS Office. • Attach PIS & PICF in new format. • Resubmitted for Ethical Waiver.
• ✓	Dr. Shailendra Singh Rana (Dentistry)	A VALIDATION STUDY ON DEVELOPMENT OF HYBRID ORTHODONTIC DIAGNOSTIC TOOL FOR ORTHODONTIC DIAGNOSIS AND TREATMENT PLANNING.	<ul style="list-style-type: none"> • Who will obtain consent From Patients and when as it is both a retrospective and prospective study? • How will you obtain consent as the participants records will be used. • The material and methods needs to be discussed in detail. Discuss the delphi protocol • AIM should be reframed to "To develop and validate the developed HOD tool for orthodontic diagnosis and treatment planning. • In present form there is nothing in the material and methods as to how the study will proceed.

S. No.	PI	Title of the Project	Comments
			<ul style="list-style-type: none"> • The sample size calculation has not been mentioned How did he reach that the size of 75? • From where will you get 25 Othodontic experts? • Who will generate the AI data and the Tool to be used? In other words who is the AI expert?
<ul style="list-style-type: none"> • ✓ 	<p>Dr.M Altaf Mir (Burns and plastic surgery)</p>	<p>Management Strategies and Functional Outcomes of Upper Limb Vascular Malformations - A clinical Experience with Review of Literature. (For Ethical waiver)</p>	<ul style="list-style-type: none"> • The title says "management strategies and functional outcomes", but the proposed sample size is only 10 cases and the design are retrospective. This title should be narrowed. A better title would be: "Surgical Management of Upper Limb Vascular Malformations: A Retrospective Case Series from a Tertiary Centre." Avoid claiming broad "strategies" unless the study has comparative groups or enough cases. • Add research question, null hypothesis and alternative hypothesis. • Attach PIS at the end of proposal. • A sample size of 10 patients is acceptable only as a descriptive case series, not as a strong outcomes study. Instead, present it as a clinical experience, focusing on lesion patterns, surgical decision-making,

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			<p>complications, and lessons learned.</p> <ul style="list-style-type: none"> • How sample size calculated, mention in detail. • The proposal mentions functional outcomes, vascular viability, complications, recurrence, and secondary procedures, but does not define one primary outcome. Suggested primary outcome: change in qDASH score from preoperative status to final follow-up. Secondary outcomes may include pain, recurrence, complications, digit viability, and need for secondary procedure. • The introduction mentions ISSVA, but the methodology does not clearly state that all lesions will be reclassified according to the latest ISSVA classification. Each case should be categorised as venous malformation, arteriovenous malformation, lymphatic malformation, combined lesion, or vascular tumour. This should be done using clinical, imaging, operative, and histopathological data. • The study includes “patients who underwent surgical management”, but also excludes “patients managed non-surgically.” That is acceptable, but then the aim should not be “management

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			<p>strategies" broadly. It should specifically evaluate surgically managed cases. Also, vascular tumours are excluded, but haemangiomas are mentioned in exclusion criteria; this needs stricter ISSVA-based terminology.</p> <ul style="list-style-type: none">• The study records Doppler, MRI, CT angiography, but does not specify how imaging findings will be interpreted. A strong study should document: lesion extent, flow type, involvement of neurovascular structures, bone/tendon/muscle involvement, and preoperative embolisation/sclerotherapy if used.• The proposal lists excision, debulking, amputation, reconstruction, but does not capture surgical principles. Add variables such as indication for surgery, emergency/elective setting, tourniquet use, vascular control, nerve preservation, reconstruction method.• The proposal says patients will be contacted and evaluated, but does not define minimum follow-up. Define minimum follow-up, preferably at least 6 months, and report median follow-up with range.• The current analysis says

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			<p>descriptive statistics only and no inferential analysis due to small sample size. That is reasonable, but the plan should be more polished. Use median, interquartile range, range, frequencies, and case-level tabulation.</p> <ul style="list-style-type: none"> The study involves human patient data, clinical records, imaging findings, operative details, complications, and follow-up outcomes. Therefore, it falls under human participant research and should be submitted to the Institutional Ethics Committee. <p><i>• Attach ethical waiver form</i></p>
10	Dr.Lata Goyal (Dentistry)	Efficacy of Titanium - Platelet Rich Fibrin on Per- Implant Soft Tissue Augmentation: A Retrospective Observational Study. (For Ethical Waiver)	<ul style="list-style-type: none"> Attach the Ethical waiver Form. Mention no. of subjects. Aims and objectives should be different.
11	Dr.M Altaf Mir (Burns and plastic surgery)	Role of External Distractor in Management of Digital Contractures of the Hand: A Retrospective Clinical Study with Review of Literature. (For Ethical Waiver).	<ul style="list-style-type: none"> Attach the Ethical waiver Form.
12	Dr. Shivani Bansal (Dermatology)	To investigate the clinicopathological characteristics of cases of plasma cell cheilitis-	Ok & Approved

S. No.	PI	Title of the Project	Comments
		Cross-sectional retrospective Study.	
13 ✓	Dr. Lata Goyal (Dentistry)	Clinical, histopathological and immunohistochemical analysis of plasma cell gingivitis: A retrospective study.	Ok & Approved

Minutes of Meeting held on 28.04.2026 regarding the evaluation of Faculty projects

Chachho
13/5/2026

Prof. (Dr.) Anuradha Raj
(Associate Dean Research)

Rakkal
14/5/26

Prof. Dr. Rakesh Kakkar,

M Altaf Mir

Dr. M Altaf Mir
(Alt. Member Secretary)

Dr. Sivanantham
15/5/26

Dr. Sivanantham
Krishnamoorthi

Shailendra

Dr. Shailendra Singh Rana