



MEDICINE INTEREST GROUP



Introduction:

MIG, which stands for Medicine Interest Group, is a dynamic and purpose-driven platform dedicated to nurturing the interests and aspirations of students and future medical professionals. With a keen focus on the captivating world of medicine, MIG has emerged as an invaluable community where like-minded individuals unite to explore, learn, and excel in the field of healthcare.

At MIG, our central objective revolves around the empowerment of individuals who share a profound passion for medicine. We offer a diverse spectrum of opportunities, ranging from foundational medical knowledge to the acquisition of advanced clinical skills. Our platform provides an inclusive space for participants to engage with renowned professors and experienced medical practitioners, facilitating an enriched understanding of the medical profession and forging lasting connections.

Patron In Chief

Prof. Dr. Muhammad Umar, Hilal-e-Imtiaz, Sitara-e-Imtiaz Vice Chancellor RMU



Patron In Charge

Dr. Saima Ambreen HOD MU-1, HFH

“Developing an interest in the field of medicine is crucial for medical students as it can have a significant impact on their career path and overall success as healthcare professionals. Having a genuine passion for medicine can drive students to stay motivated and committed to their studies, which is essential for acquiring the necessary knowledge and skills to become competent physicians. Additionally, an interest in medicine can inspire students to pursue research opportunities, explore different subspecialties, and ultimately provide better care for their patients.”



Faculty Coordinator Main Campus

Dr. Sidra Hamid

Assistant Professor Physiology Department, RMU



Meet The Team:



MEDICINE INTEREST GROUP



General Secretary
M. Majid Shafi



General Secretary
Syeda Rameen Tirmizi



Convenor
M. Huzaifa Azam



Deputy Convenor
Qandeel Khurshid



Joint Secretary
Nazia Nadeem



OTB Incharge
Meerab Hayat



DEPARTMENTS



Education & Training



Head
Mahnoor Junaid



Co Head
Saliha Hussain



Co Head
Mareem Khan



Alumni Outreach



Head
Abdul Wasay



Co Head
Marwah Binte Khalid



Events & Management



Head
Abdullah Ikram



Co head
Barira Irij



Co Head
Ali Noor



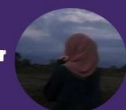
Media Department



Head
Abdullah Kahif

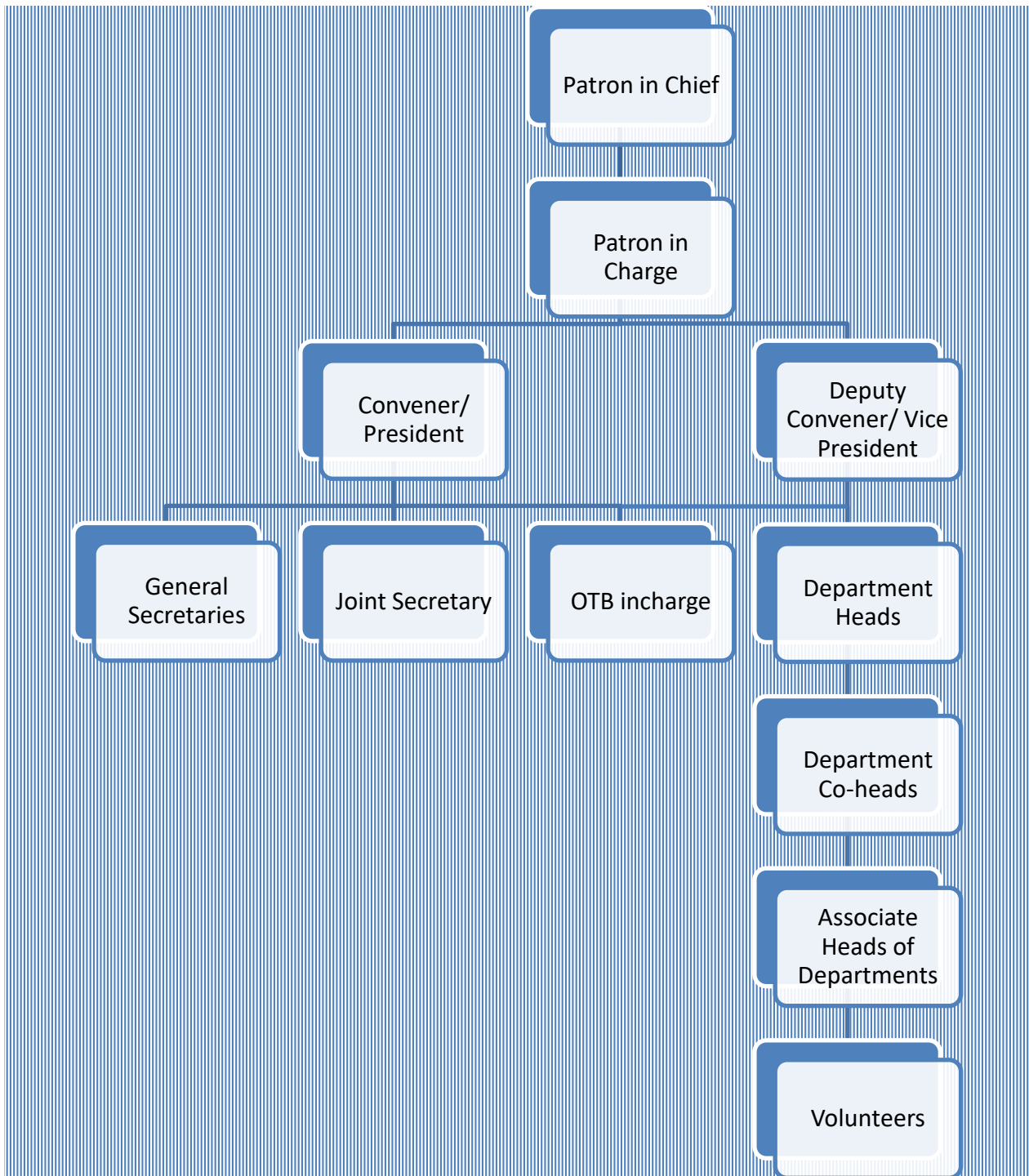


Co Head
Saad Zubiar



Co Head
Ayesha Tauqeer

Hierarchy of MIG:



Departments at MIG:

At the Medicine Interest Group, our diverse departments work collaboratively to drive the society's mission forward and ensure the success of our various initiatives. MIG encompasses the following departments;

1- Education Department:

The Education Department is at the heart of the Medicine Interest Group's mission to foster medical knowledge and professional development. This team is responsible for designing **MedQuiz** - a weekly project that challenges medical enthusiasts with questions related to common diseases or syndromes - and **MedQuest** that includes weekly social media posts encompassing all aspects of a particular disease in detail. They also appoint hosts and co-hosts for sessions, ensuring that events run smoothly and effectively. Additionally, the department conducts interactive Q&A sessions, facilitating engaging and informative discussions. Their efforts not only enhance the educational value of our events but also provide continuous learning opportunities for our members through social media. The Education Department's dedication ensures that our society remains a dynamic and valuable resource for medical education and professional growth.

2- Media and Publications Department:

Media and Publications Department is the creative backbone of the Medicine Interest Group, responsible for all promotional and communication efforts. The team excels at creating visually appealing posters to announce and promote sessions, encouraging participation through engaging registration opening posters, and enhancing course credibility with professional speaker announcement posters. They also prepare E-certificates for recognition of participants' achievements. Beyond these tasks, the department skillfully manages our social media presence, ensuring timely updates and captivating content to keep our community engaged. Through their diligent work on post-event reports, the Media and Publications Department consistently maintains a professional and cohesive image for our society, effectively communicating our mission and activities to members and the wider university community.

3- Management Department:

The Management Department is instrumental in ensuring the smooth operation of the Medicine Interest Group's activities. This team ensures access to the Microsoft Teams premium account for seamless virtual sessions. To enhance meeting efficiency, we collaborate closely with the IT department, RMU, to develop comprehensive guidelines. They also manage a dedicated WhatsApp group, which facilitates real-time participant interaction and addresses inquiries. Additionally, the department oversees finances, handling budget and expense management for events and other operations. Additionally, the department oversees membership drives, coordinates with other departments for collaborative projects, and maintains a detailed record for transparency and accountability. Their meticulous planning and organization are crucial for the successful execution of our programs and the efficient functioning of the society.

4- Alumni Outreach Department:

The Alumni Outreach Department plays a vital role in bridging connections between current members and former members of the Medicine Interest Group. This team is responsible for contacting alumni speakers to ensure their availability for MIG events and talks. They also organize networking events and panels where alumni can share their experiences and provide career guidance to current members. Their efforts help build a robust network of professionals and foster ongoing engagement with former members, enhancing the overall growth and development of the society.

Our Projects:

2023

First Response Training Course

Date of the session: 8th- 9th July, 2023

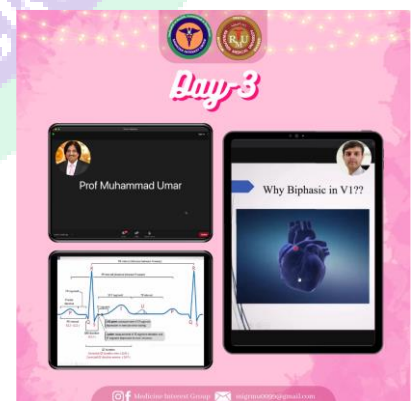
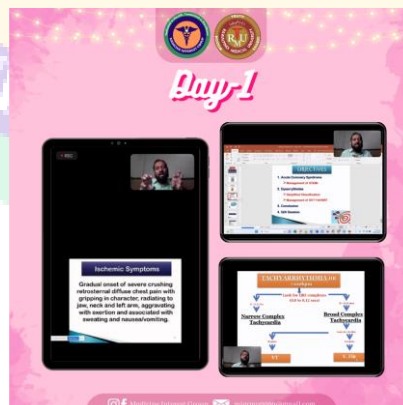
The Medicine Interest Group, together with the First Response Initiative of Pakistan (FRIP), Conducted a two-day online webinar series with the goal of equipping students with essential life-saving skills. This series concentrated on imparting crucial first aid expertise for various emergency situations, including severe bleeding, choking, drowning, electric shock, heart attacks, heat strokes, burns, and fractures. Over 450 students from different medical universities across Pakistan actively participated in this series.



Cardioedge-Your heartbeat matters

Date of the session: 22nd-23rd, 27th August, 2023

The Medicine Interest Group organized a comprehensive three-day online webinar series titled "Cardioedge," which delved into a range of cardiology topics, including Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), ECG interpretation, cardiac emergencies, and their management. Esteemed experts, including Dr. Akram Asi, Dr. Kashif Ijaz, and Dr. Muhammad Asad, generously shared their knowledge and insights. The series attracted a dedicated audience of over 400 students from different medical universities across Pakistan.



MIG Olympiad:

Named 'Medicus Quaestio', the MIG Olympiad is a grand annual event held by MIG. It comprises of a number of events falling in the domain of research, patient interaction, panel discussion,, medical debates, graphic designing and life-saving measures such as BLS and ACLS. Students from various medical institutions throughout the twin cities get a chance to show case their skills, win prizes and learn a lot of new.



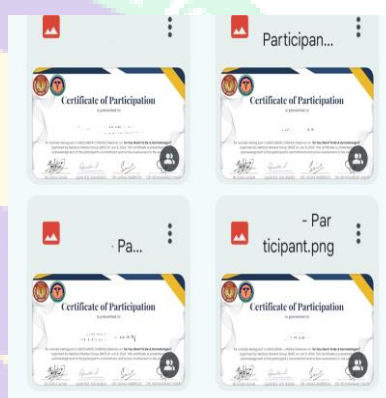
2023

MedCareer Compass Series:

Date of session: 8th June 2024

“MedCareer Compass” is an initiative by MIG that aims to give an insight about the different sub-specialties of Medicine. Through this initiative, MIG aims to conduct monthly webinars on different specialties to guide aspirants about the pros and cons, the OPD routine, ER patient load and the dos and don'ts of various sub-specialties.

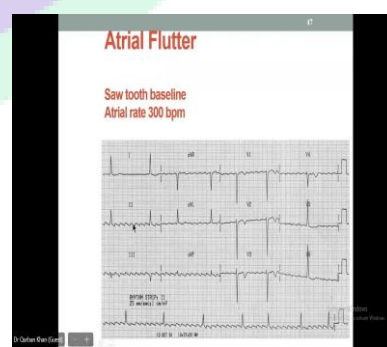
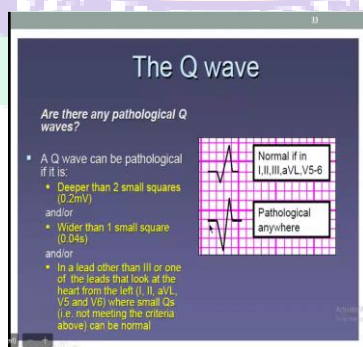
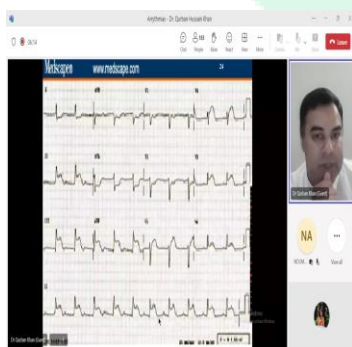
The first session of the foregoing series was on Dermatology. It provided an insightful overview of the field, beginning with fundamental dermatological concepts, detailing the pathway to securing a dermatology residency, and emphasizing the importance of academic excellence and relevant clinical experience. Additionally, the session covered the routine of outpatient dermatology practice including patient interactions, procedures, and case management strategies. E-certificates were awarded to all the participants at the end.



“Rhythm and Pulse: Unlocking ECG Secrets” Series:

Dates of the session: 12th, 13th and 14th of July, 2024.

MIG successfully conducted a three-day ECG series titled "Rhythm and Pulse: Unlocking ECG Secrets." This series offered students a chance to master ECG interpretation, covering a comprehensive range of topics from the fundamentals of ECG to the intricate details of ECG changes in complex cardiac emergencies and arrhythmias. Renowned cardiologists and ECG experts led interactive sessions, ensuring participants could engage in real-time Q&A and practical case studies. With an impressive attendance of over 250 participants, the webinar series provided valuable insights and skills, concluding with high participant satisfaction and positive feedback.



Med-Quest:

Med Quest is a weekly series initiated by the Medicine Interest Group, designed to offer a thorough and up-to-date exploration of various medical diseases. The series focuses on common diseases, disorders and syndromes covering various associated terminologies, signs, symptoms, diagnosis, treatment, and the latest advancements gleaned from peer-reviewed journals. Its primary objective is to serve as a one-stop resource, furnishing essential disease-related information while ensuring the students remain well-informed about the most recent breakthroughs in the medical field.

MULTIPLE SCLEROSIS



A chronic auto immune disease of central nervous system characterized by inflammation demyelination and axonal damage

HISTOLOGY

Autoimmune demyelination of oligodendrocytes in the CNS, histologically characterized by sharply defined area of myelin loss with relative preservation of axons





SIGNS AND SYMPTOMS

- **Sensory loss** - Usually an early complaint
- **Muscle cramping** secondary to spasticity
- **Spinal cord symptoms** (autonomic)- Bladder, bowel, and sexual dysfunction
- **Cerebellar symptoms** - Charcot triad of dysarthria (scanning speech), nystagmus, and intention tremor
- **Optic neuritis**
- **Trigeminal neuralgia**
- **Facial myokymia** - irregular twitching of the facial


Med-Quiz:

"Med Quiz," a weekly initiative by MIG, is designed to captivate and challenge medical students through engaging quizzes centered on a wide spectrum of medical diseases. This platform not only fosters stimulating discussions but also serves as a means for students to continually enhance their medical knowledge and skills while participating in an enjoyable and educational experience.




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* MEDQUIZ *

A 66-year-old woman, sustained a fall at home likely due to vision problems she has been experiencing, such as blurring of vision, glares, and halos when looking at bright lights. She was admitted to the hospital for overnight observation, where she was found to be awake, alert, and oriented, with a small bump on her forehead. The fall appears to have been caused by her misjudging the placement of a mat while exiting the bath, possibly due to her worsening vision. Assessment shows that the lens in her eyes looked cloudy.



WHAT IS THE LIKELY DIAGNOSIS ?


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MEDQUIZ

CATARACT

- **Cloudy, opaque area** in the normally clear lens of eye.
- Can **interfere with normal vision.**

FORMATION:

- Develop when aging or injury changes the tissue making up the eye lens.
- Breakdown and clumping of the proteins and fibers within the lens.

SYMPTOMS:

- Blurred vision
- Poor night vision
- Fading of Colors

- Double vision
- Sensitivity to light

RISK FACTORS:

- Old Age
- Smoking
- Obesity
- Diabetes
- Eye Infection
- Trauma

DIAGNOSTIC TESTS:

- Visual Acuity Test
- Slit Lamp Examination
- Ophthalmoscopy
- Refraction Test
- Tonometry

TREATMENT:

- No proven medical treatment.
- **Surgical removal** of Cataract.
- Dark glasses and spectacles used to improve vision till surgery.


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Upcoming Projects :

Radiology Webinar:

The Radiology Webinar will be similar to one conducted on the ECG interpretation that will offer a comprehensive overview of the field of radiology, including fundamental concepts, as well as the various diagnostic tests – X-rays, ultrasounds, MRIs – as well as their interpretation. It will be a 2 days' on-campus event where professionals of the field will offer hands on experience to the aspiring students. E-certificates will be awarded to all participants upon completion of the session.

Another session of the MedCareer Compass Series:

After the success of the Dermatology webinar, MIG looks forward to conducting a similar series on another sub-speciality of medicine. The particular speciality will be decided based on the demand of the students as well as on the latest global trends in medicine.

Feedback:

At the end of all the events, MIG ensures that a feedback form is shared with all the participants. This feedback form is not just to check the grasp of the concept being taught, but it also encourages the participants to point out any shortcoming in the session, and also to give their input on what type of session do they want MIG to conduct in future. This continuous assessment ensures each session conducted by MIG is better than the previous one.

Quick Links

Email: medicineinterestgroup@gmail.com

Instagram: https://instagram.com/mig_rmu?igshid=OGO5ZDc2ODk2ZA==

Facebook: <https://www.facebook.com/profile.php?id=100094110644137&mibextid=avESrC>

Linkedin: <https://www.linkedin.com/company/medical-interest-group-rmu/about/?viewAsMember=true>