



**MEDICINE INTEREST GROUP**  
**RAWALPINDI MEDICAL UNIVERSITY**  
**Annual Report: 2025-2026**



# MEDICINE INTEREST GROUP RAWALPINDI MEDICAL UNIVERSITY

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**  
V.C Prof. Dr. Muhammad Umar



**Patron In Charge**  
Prof. Dr. Saima Ambreen



**President**  
Muhammad Majid Shafi



**Vice President**  
Manahil Asmat



# MEDICINE INTEREST GROUP

## OUR TEAM



General Secretary

Touheed Akhtar



Vice President

Manahil Asmat



President

M. Majid Shafi



General Secretary

Nazia Nadeem



OTB Incharge

M. Anas Rasool



Joint Secretary

Hamna Naeem



OTB Incharge

Minal Sarfaraz

## Departments



Management & Finance

M. Hammad Noor



Media & Publications

Muhammad Umair



Education & Training

Nabeeha Ahmed



Alumini & Speaker Outreach

Talha Naveed



Co-Head Education

Ayesha Noor



Co-Head Education

Laiba Akram



Co-Head Media

Maryam Noor Malik



Co-Head Media

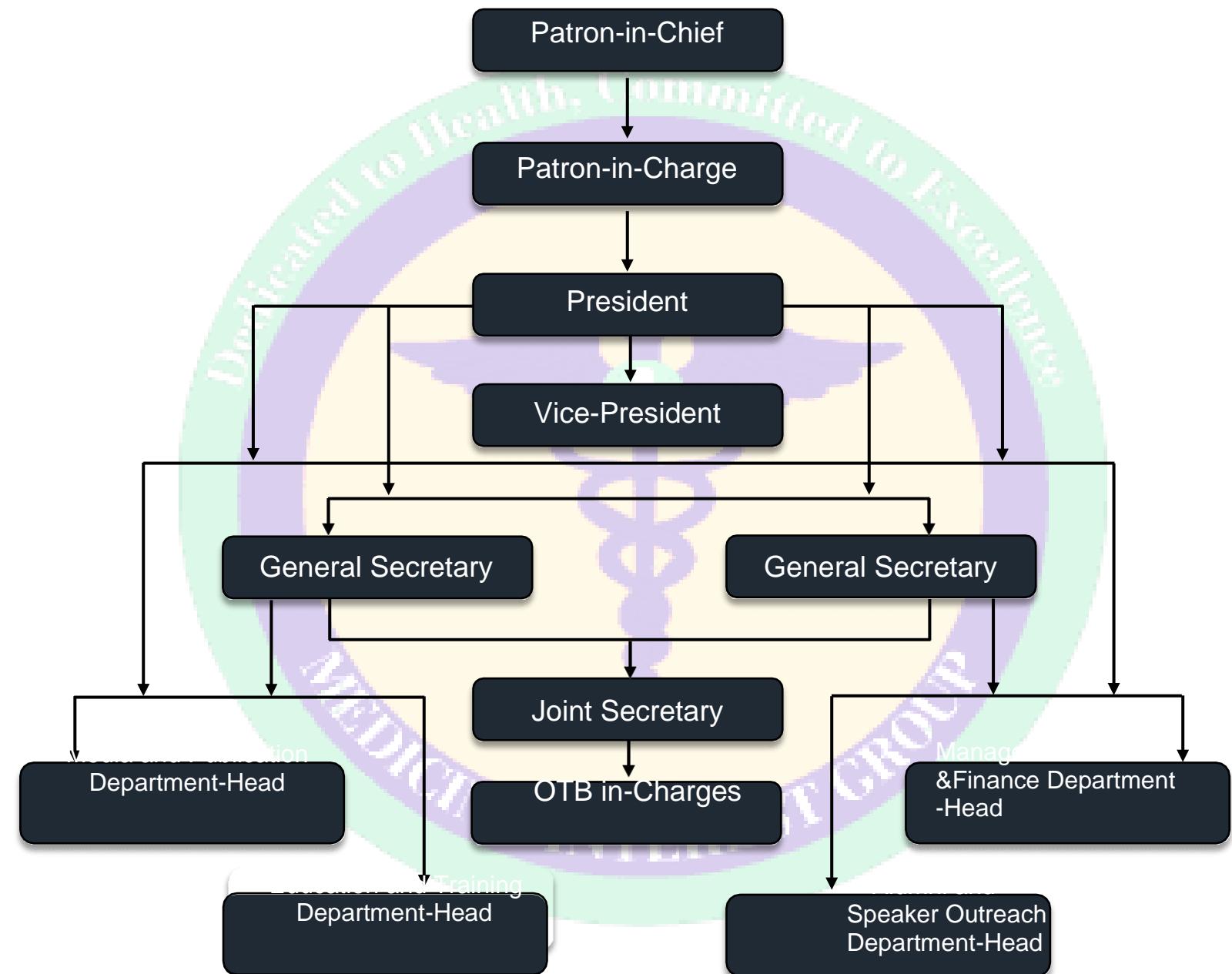
Seerut Fatima



Co-Head Management

Aiman Farheen

# HIERARCHY OF MIG



# Interviews and Recruitment of the New Cabinet

As we moved into the third year as a society, we opened the call for recruitment at different posts in the various departments of MIG. This was preceded by an introductory session about the working of MIG delivered to students at the New Teaching Block, RMU.

## Report on Interviews and Recruitment of New Cabinet:

The following report outlines the entire process of introducing MIG to the students, conducting interviews for various positions, and finally shortlisting and selecting individuals for the limited posts available.

### Departments:

- Management and Finance
- Alumni and Speaker Outreach
- Education and Training
- Media and Publications

### Posts Open for Interviews:

- Co-heads
- Associate Heads
- Members
- General Secretaries
- Joint Secretary
- OTB In-Charge

### Timeline from Introductory Session to Announcement of the Cabinet:

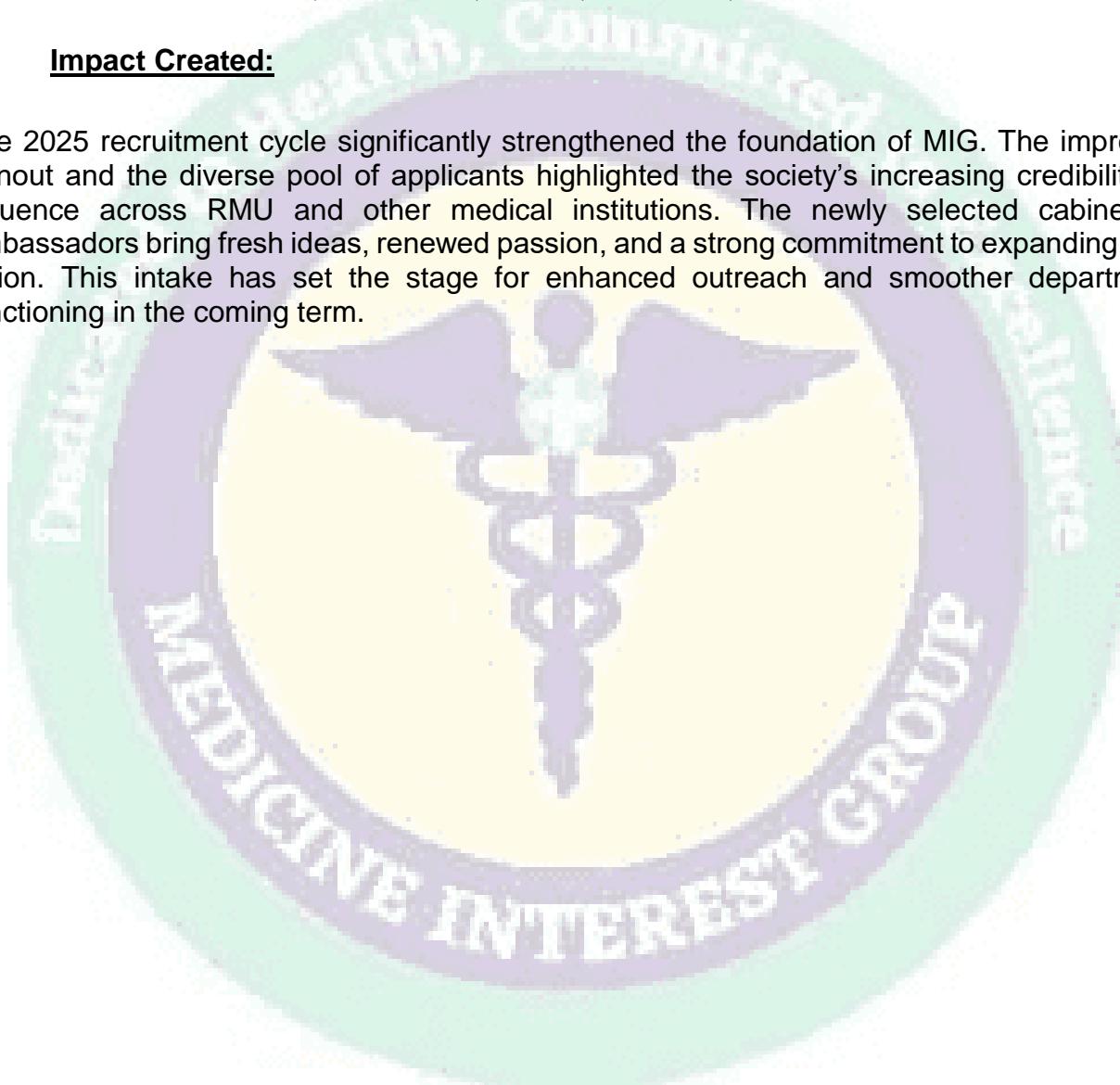
- The introductory session was delivered on 9th May 2025, after which the aspirants filled out the Google Form shared in their respective batch groups.
- Heads and Co-heads interviews were conducted online via Google Meet on 4th and 5<sup>th</sup> May 2025.
- NTB interviews were conducted on 15th May 2025.
- OTB interviews were conducted on 17th May 2025.
- The new cabinet was officially announced on 21st May 2025.
- After finalizing the cabinet of RMU, the call for ambassadors from various universities was opened

### **Total Aspirants Interviewed:**

- A strong and enthusiastic participation was seen from both NTB and OTB with more than 160 participants, reflecting how MIG continues to attract motivated and capable students.
- MIG now has 25 ambassadors representing various medical colleges across the twin cities as well as Lahore, Faisalabad, Quetta, Peshawar, and Karachi etc.

### **Impact Created:**

The 2025 recruitment cycle significantly strengthened the foundation of MIG. The impressive turnout and the diverse pool of applicants highlighted the society's increasing credibility and influence across RMU and other medical institutions. The newly selected cabinet and ambassadors bring fresh ideas, renewed passion, and a strong commitment to expanding MIG's vision. This intake has set the stage for enhanced outreach and smoother departmental functioning in the coming term.



# Social Media Activities by MIG

The Medicine Interest Group (MIG) conducted a series of engaging social media activities throughout the year to promote medical knowledge, critical thinking, and community interaction among students and professionals. These activities aimed to foster a culture of continuous learning and collaboration within the medical community.

## Overview:

MIG's social media activities highlights its consistent efforts to engage its audience with informative and interactive medical content. The weekly schedule, featuring MedQuiz, MedQuest Video Series, MedUpdate Research Series, MythBusters, and Radiology Image of the Month, showcases MIG's commitment to educating and entertaining its followers. By tracking engagement metrics, such as likes, comments, shares, and views, the report provides valuable insights into the performance of each series, enabling MIG to refine its content strategy and optimize its social media presence.

Overall, the report demonstrates MIG's dedication to leveraging social media as a platform for medical education, community building, and outreach.

## Schedule:

- 1<sup>st</sup> week \_\_\_\_\_ MedQuiz
- 2<sup>nd</sup> week \_\_\_\_\_ MedQuest Video Series
- 3<sup>rd</sup> week \_\_\_\_\_ MedUpdate Research Series
- 4<sup>th</sup> week \_\_\_\_\_ MythBuster and Radiology Image of the Month

## MedQuiz:

This interactive and educational approach was aimed to enhance the learning experience and encourage participants to delve deeper into the topics covered in the quiz. It was a valuable way to promote active engagement and continuous learning within the medical community.

## MedQuest Video Series:

MedQuest was a video series by MIG that aimed to educate and raise awareness about various medical topics, such as rabies, PCOS, and more. Each video delved into the diagnosis, management, and treatment of the condition, providing viewers with accurate and reliable information. Through MedQuest, MIG empowered its audience with knowledge, promoting better health outcomes and informed decision-making. The series covered a range of topics, making it a valuable resource for those seeking to understand complex medical issues.

## MedUpdate:

MedUpdate was a series by MIG that brought the latest breakthroughs and advancements in medical research. Stay informed about new discoveries, innovative treatments, and emerging trends in healthcare.

### **MythBusters:**

MythBusters was a series by MIG that tackled common misconceptions and myths surrounding healthcare topics like vaccination, antibiotic resistance, and more. By separating facts from fiction, we aimed to educate and empower our audience with accurate information, promoting informed decision-making and debunking harmful myths.

### **Radiology Image of the Month:**

"Radiology Image of the Month" was a feature by MIG that showcased an intriguing radiology image, often with a teaching point or interesting case. Each image was carefully selected to educate and challenge viewers, promoting a deeper understanding of radiology and its applications in medical diagnosis and treatment.

### **Contributions of Education and Training Department:**

The education department was tasked with gathering and verifying accurate information and facts about the series, ensuring the content is reliable, up-to-date, and medically sound. By doing so, the education department played a crucial role in maintaining the integrity and credibility of MIG's educational initiatives, providing the audience with trustworthy information that supports informed decision-making and learning.

### **Contributions of Media and Publication Department:**

The media department was responsible for creating eye-catching posters that capture the audience's attention and encourage interaction. This involved designing informative and engaging visual content, leveraging graphics, images, and text to convey key messages and spark interest..

### **Impact Created:**

Our social media initiatives have made a significant impact in promoting medicine and fostering a community of engaged and informed followers. Throughout the year, we've created and shared content that educates, inspires, and motivates our audience by leveraging social media, we've created a platform for knowledge sharing, community building, and medical education, inspiring a new generation of healthcare professionals and enthusiasts.

# MedQuiz

**MEDICINE INTEREST GROUP**

**Medquiz**

A 52-YEAR-OLD RIGHT-HANDED MAN PRESENTS WITH A 3-MONTH HISTORY OF PROGRESSIVE VISUAL DISTURBANCES. HE REPORTS INTERMITTENT RIGHT-SIDED DUAL FIELD LOSS, FLASHING LIGHTS, AND COLOR DISTORTIONS. HE ALSO MENTION DULL OCCIPITAL HEADACHES BUT DENIES TRAUMA, FEVER, OR RECENT INFECTIONS. PAST MEDICAL HISTORY IS UNREMARKABLE.

NEUROLOGICAL EXAMINATION REVEALS A RIGHT HOMONYMOUS HEMIANOPIA. PUPILS ARE EQUAL AND REACTIVE. FUNDOSCOPY IS NORMAL, AND THERE ARE NO MOTOR, SENSORY, COGNITIVE, OR SPEECH DEFICITS.

**MRI BRAIN:**  
A 3.5 CM WELL-DEMARCATED LESION IN THE LEFT OCCIPITAL LOBE. IT APPEARS HYPOINTENSE ON T1, HYPERINTENSE ON T2, WITH HETEROGENEOUS CONTRAST ENHANCEMENT. MILD SURROUNDING VASogenic EDema IS PRESENT, WITH MINIMAL MASS EFFECT. NO MIDLINE SHIFT OR HYDROCEPHALUS.

**WHAT IS YOUR DIAGNOSIS?**

**MEDICINE INTEREST GROUP**

**MEDQUIZ**

A 45-YEAR-OLD MAN WITH A HISTORY OF NSAID USE AND SMOKING PRESENTED WITH COMPLAIN OF BURNING EPIGASTRIC PAIN FOR PAST 2 MONTHS WHICH IS RELIEVED BY FOOD AND ANTACIDS, ALONG WITH BLOATING, NAUSEA, AND WEIGHT LOSS. EXAMINATION REVEALED MILD EPIGASTRIC TENDERNESS. ENDOSCOPY CONFIRMED A DUODENAL ULCER, AND TESTS WERE POSITIVE FOR H. PYLORI.

**WHAT IS YOUR DIAGNOSIS?**

**MEDICINE INTEREST GROUP**

**MEDQUIZ**

MR. QURESHI PRESENTS TO DPD WITH A 4 MONTH HISTORY OF PERSISTENT COUGH. HE ALSO REPORTS MILD CHEST PAIN ALONG WITH UNINTENTIONAL WEIGHT LOSS. THERE IS NO HISTORY OF TUBERCULOSIS OR CHRONIC LUNG DISEASE. SOCIAL HISTORY REVEALS THAT HE IS A CHRONIC SMOKER AND THERE IS OCCASIONAL ALCOHOL USE. CHEST CT SCAN REVEALS 4.5 CM IRREGULAR MASS IN RIGHT LOBE WITH MEDIASTINAL LYMPHADENOPATHY.

**WHAT IS YOUR DIAGNOSIS?**

**MEDICINE INTEREST GROUP**

**MEDQUIZ**

A 42-YEAR-OLD WOMAN PRESENTS WITH A HISTORY OF BILATERAL HAND AND WRIST PAIN AND MORNING STIFFNESS LASTING OVER AN HOUR FOR 6 MONTHS. THE PAIN IMPROVES WITH ACTIVITY BUT WORSENS AFTER REST. SHE REPORTS FATIGUE AND MILD WEIGHT LOSS.

**EXAM:**

- SWELLING AND TENDERNESS OF MCP AND PIP JOINTS
- DIP JOINTS SPARED
- Ulnar deviation and Boutonniere deformity noted

**WHAT IS YOUR DIAGNOSIS?**

# MedQuiz Answers

**MEDICINE INTEREST GROUP**

**Medquiz**

**TUMOR IN OCCIPITAL CORTEX**  
(high grade Glioma)

**ETIOLOGY**  
Primary tumors  
Secondary tumors: Metastases, Genetic mutations  
Idiopathic

**SYMPOMS**  
Homologous hemianopia, Visual hallucinations, Distorted colour perception, Difficulty recognizing objects, Headache (occipital), Nausea, vomiting, Seizures, Fatigue

**RISK FACTORS**  
Age > 40  
Family history, genetic syndromes, Radiation exposure, Immunosuppression  
History of metastatic cancer

**DIAGNOSIS**  
Neurological exam  
MRI/CT  
Visual field testing  
Advanced imaging & biopsy

**TREATMENT**  
1. Surgery  
2. Radiation therapy  
3. Chemotherapy

**SUPPORTIVE CARE**  
1. Corticosteroids  
2. Antiepileptic drugs  
3. Visual rehabilitation  
4. Regular imaging

**MEDICINE INTEREST GROUP**

**MEDQUIZ ANSWER**

**PEPTIC ULCER DISEASE**  
(H.Pylori Infection)

**ETIOLOGY**  
H. pylori infection (most common)  
NSAID use (aspirin, ibuprofen)  
Smoking, alcohol, caffeine  
Zollinger-Ellison syndrome (rare)  
Idiopathic (no clear cause in some cases)

**SYMPOMS**  
Epigastric burning pain (worse on an empty stomach)  
Relieved by food or antacids  
Bloating, nausea, vomiting  
Melena or hematemesis (if bleeding)  
Weight loss, fatigue

**RISK FACTORS**  
Age > 40  
H. pylori infection  
Chronic NSAID use  
Smoking, alcohol  
Family history of ulcers

**DIAGNOSIS**  
Endoscopy (for direct visualization & biopsy)  
H. pylori tests: urea breath test, stool antigen, biopsy  
CBC: anemia  
Stool occult blood (if bleeding)

**TREATMENT**  
1. Triple therapy for H. pylori (PPI + Amoxicillin + Clarithromycin)  
2. PPI or H2 blockers for acid suppression  
3. Surgery in complications (bleeding, perforation)

**SUPPORTIVE CARE**  
PPIs, antibiotics for symptom control  
Stop NSAIDs, lifestyle changes  
Iron supplements (if anemic)  
Regular follow-up endoscopy

**MEDICINE INTEREST GROUP**

**MEDQUIZ ANSWER**

**PRIMARY LUNG CARCINOMA**

**ETIOLOGY**  
Smoking (primary cause)  
Exposure to carcinogens (asbestos, radon, arsenic)  
Air pollution  
Genetic mutations

**SYMPOMS**  
Persistent cough, Chest pain, Weight loss, Hemoptysis (coughing up blood)  
Shortness of breath  
Fatigue

**RISK FACTORS**  
Chronic smoking  
Age over 50  
Male gender, Family history of lung cancer  
Occupational exposure (e.g., asbestos)

**DIAGNOSIS**  
1. Bronchoscopy  
2. CT-guided biopsy  
3. Histopathology

**TREATMENT**  
1. Early stage: surgery or chemotherapy  
2. Locally advanced disease: concurrent chemoradiotherapy  
3. If metastatic: chemotherapy, targeted chemotherapy or immunotherapy

**SUPPORTIVE CARE**  
1. Pain relief (NSAIDs for pain, bronchodilators for breathlessness etc)  
2. Nutritional support  
3. Smoking cessation counseling  
4. Palliative care

**MEDICINE INTEREST GROUP**

**MEDQUIZ ANSWER**

**RHEUMATOID ARTHRITIS (AN AUTOIMMUNE DISEASE)**

**ETIOLOGY**  
HLA-DR4 and HLA-DR2  
Smoking  
Infections ( *Porphyromonas gingivalis*)  
Hormonal influences  
Autoantibodies (Rheumatoid factor, Anti-CCP)

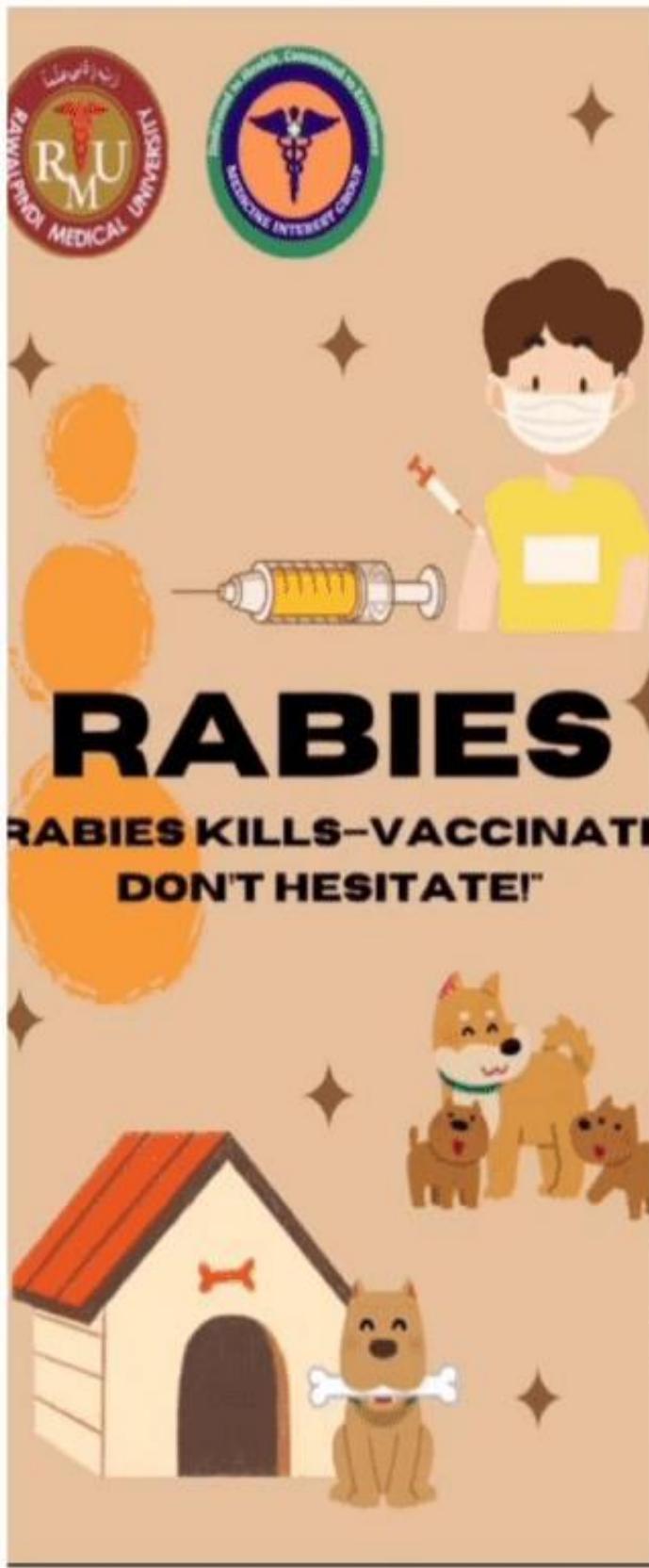
**SYMPOMS**  
• Symmetrical joint involvement  
• Morning stiffness > 1 hour  
• Fatigue, malaise, low-grade fever  
• Joint deformities (ulnar deviation, swan-neck)

**DIAGNOSIS**  
• Rheumatoid factor (RF): Positive in ~70-80% cases  
• Anti-CCP (Anti-cyclic citrullinated peptide antibodies)  
• ESR/CRP: Elevated  
• CBC: May show anemia of chronic disease  
• X-ray of hands/wrists: Joint space narrowing, Marginal erosions  
• USG or MRI: Detect early synovitis or joint erosion

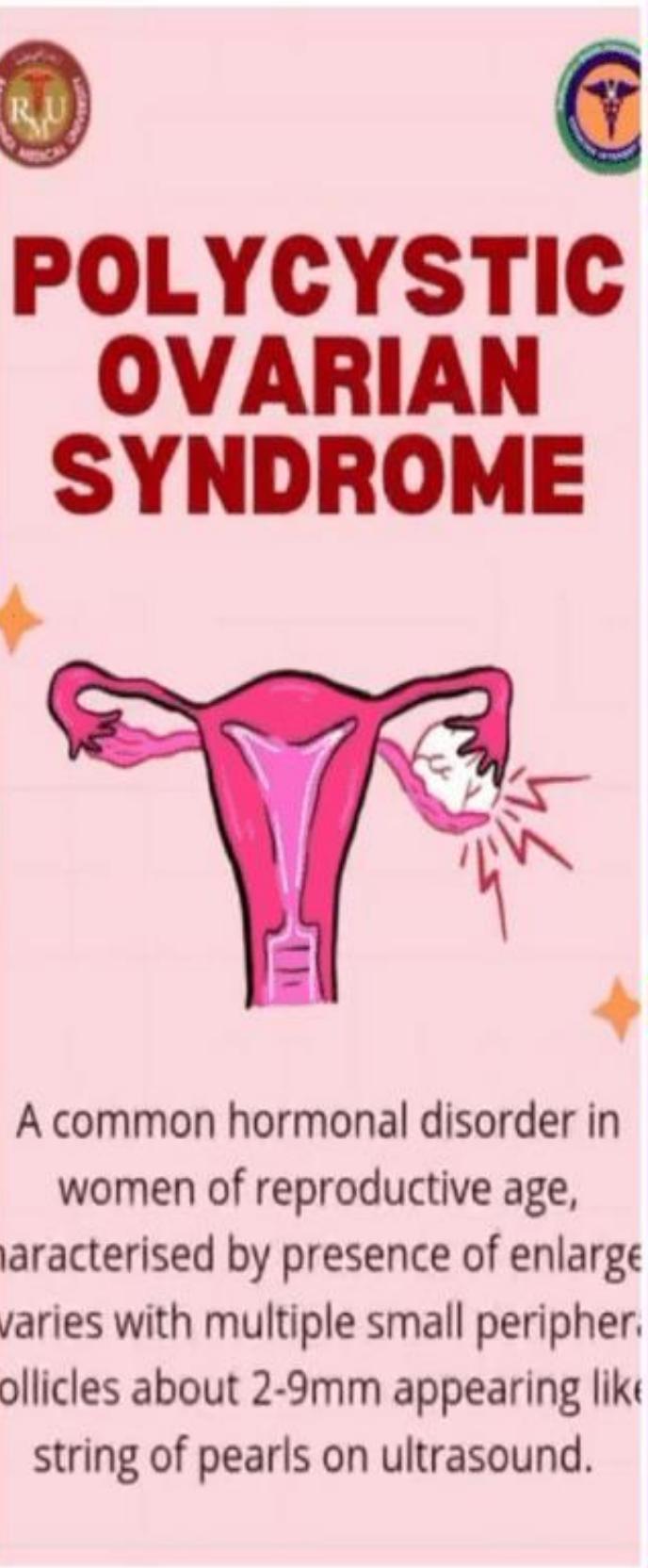
**TREATMENT**  
• DMARDs: Methotrexate (first-line), Leflunomide, Sulfasalazine, Sjögren's syndrome  
• Biologics: Etanercept, Adalimumab, Infliximab, Rituximab  
• Steroids: Low-dose Prednisolone for flares  
• NSAIDs: Pain and inflammation relief (not disease-modifying)

**LIFESTYLE CHANGES & PREVENTION**  
• Regular low-impact exercise (walking, swimming)  
• Physiotherapy & occupational therapy  
• Quit smoking  
• Healthy diet rich in omega-3, fruits, vegetables  
• Maintain ideal weight  
• Adequate rest and stress control  
• Avoid smoking

## MedQuest



A poster for rabies awareness. At the top left are the logos of Rawalpindi Medical University (R.M.U) and the Medical Interest Group (M.I.G.). Below the logos is a cartoon illustration of a doctor wearing a yellow shirt and a white mask, holding a syringe. To the left of the doctor are two orange silhouettes of people. In the center, the word "RABIES" is written in large, bold, black capital letters. Below it, the text "RABIES KILLS - VACCINATE" and "DON'T HESITATE!" is displayed. At the bottom left is a drawing of a dog house with a red roof and a bone on the door, and a dog sitting in front of it. To the right of the dog house are three small brown dogs. The background is light beige with small brown stars.



A poster about Polycystic Ovarian Syndrome (PCOS). At the top right is the logo of Rawalpindi Medical University (R.M.U). The title "POLYCYSTIC OVARIAN SYNDROME" is written in large, bold, red capital letters. Below the title is a cartoon illustration of a woman's reproductive system, showing the uterus and ovaries. The ovaries are depicted with many small, dark, circular spots representing ovarian cysts. The background is light pink with small orange stars.

A common hormonal disorder in women of reproductive age, characterised by presence of enlarged ovaries with multiple small peripheral follicles about 2-9mm appearing like a string of pearls on ultrasound.

## Radiology Image of the Month

 MEDICINE INTEREST GROUP  MEDICINE INTEREST GROUP 

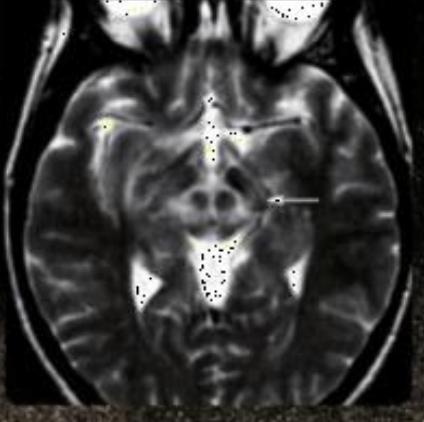
Presents

**Radiology image of the month**



R  
SIDE  
AP  
SUPINE

**Bat wing appearance**

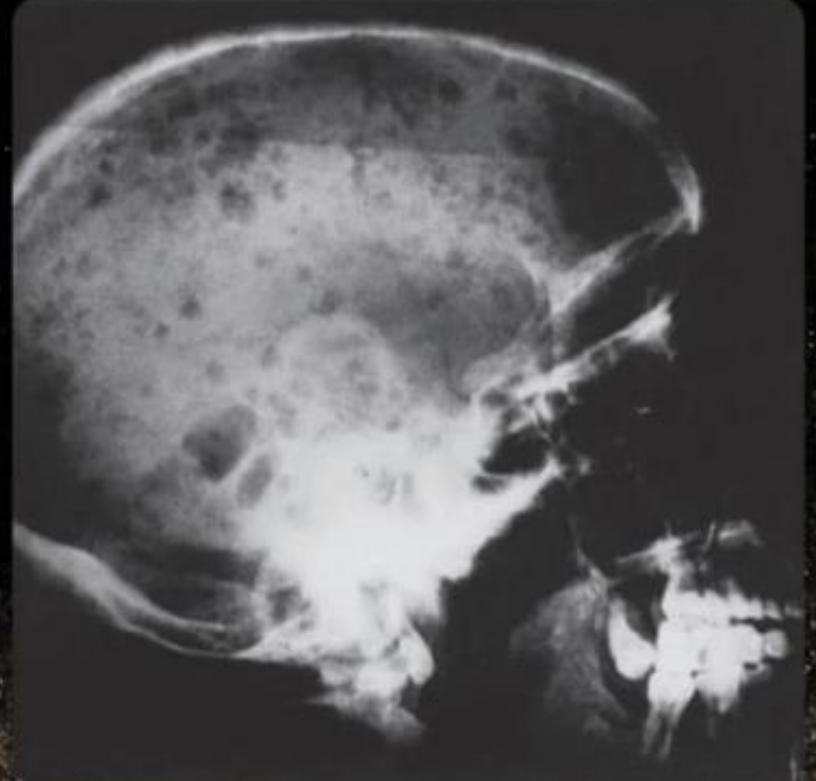


**Panda Sign**

 MIG\_RMU  MIG\_RMU  MIG\_RMU

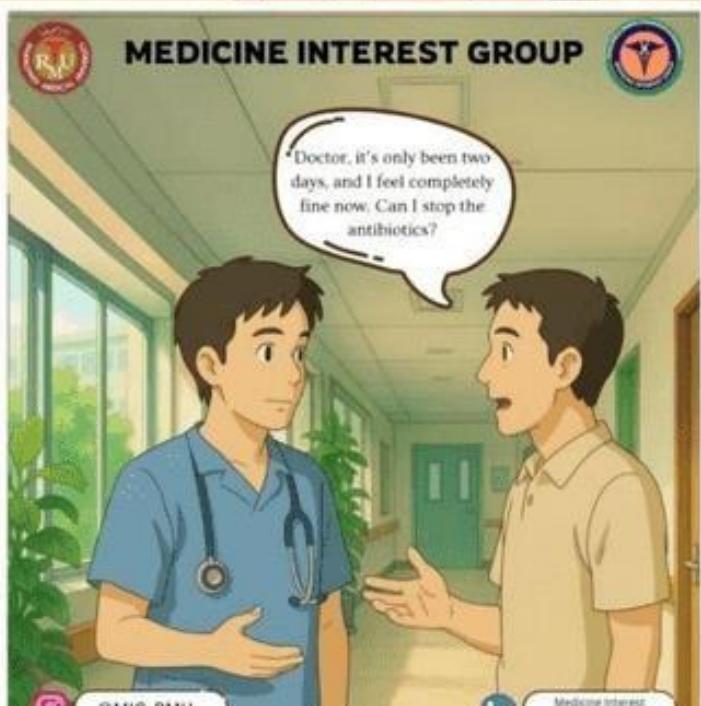
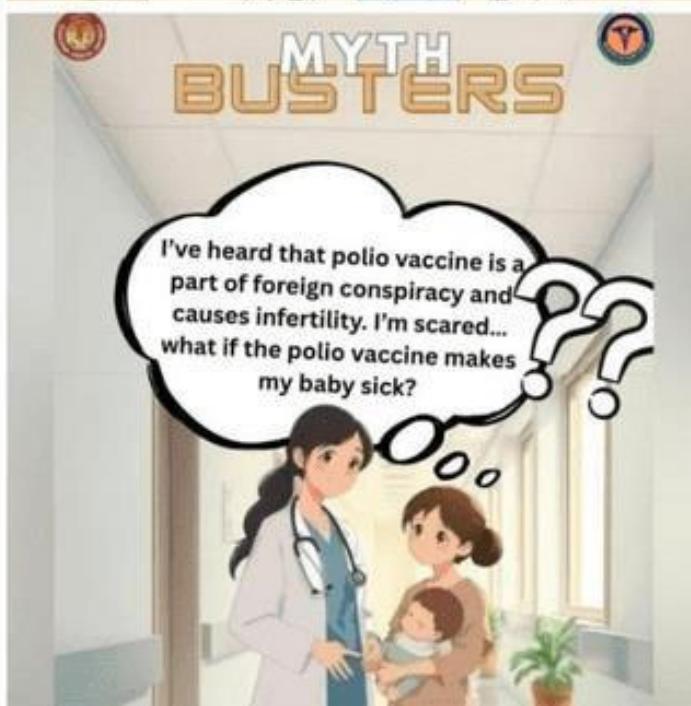
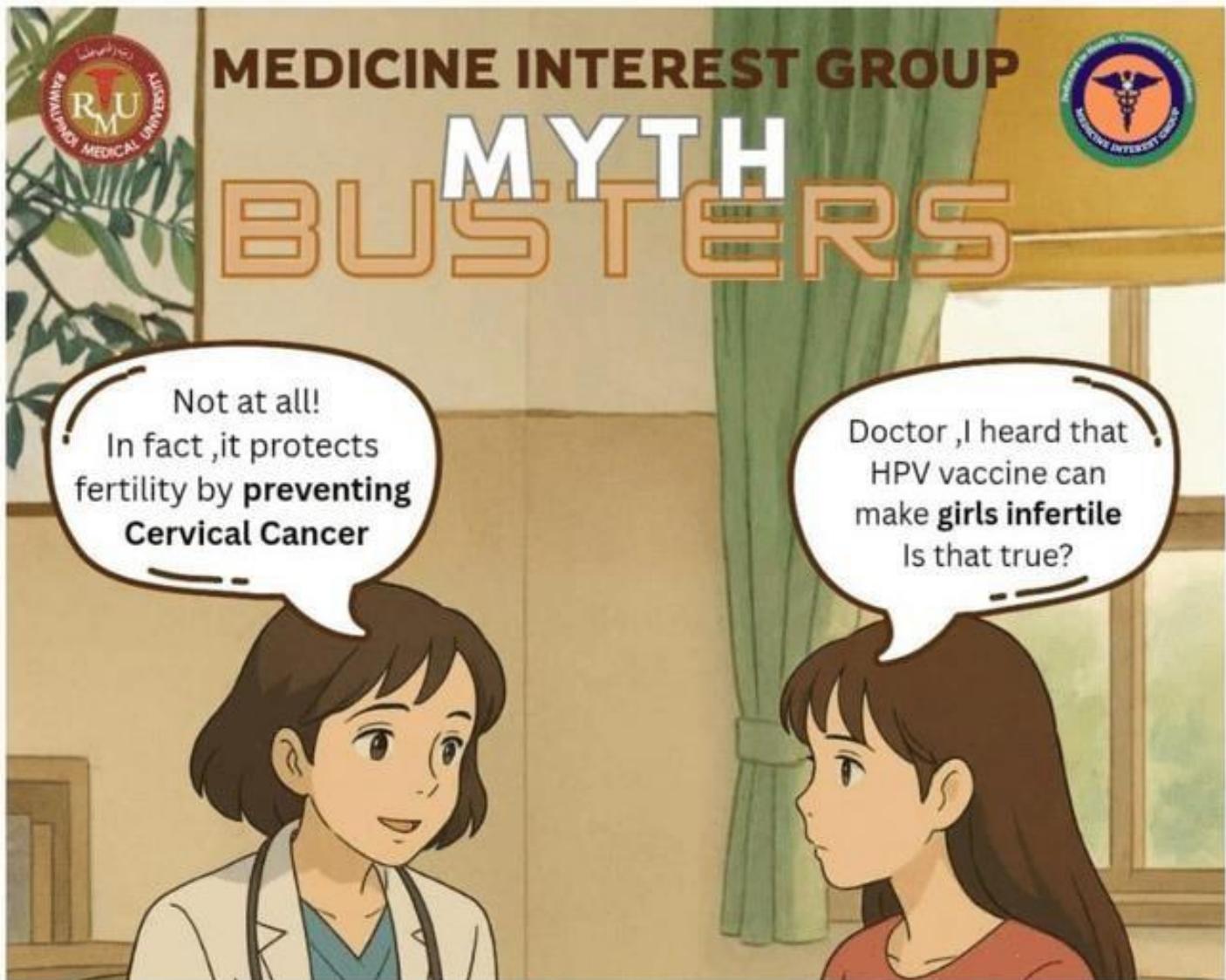
Presents

**Radiology image of the month**



**Salt and Pepper Appearance**

## Myth Busters

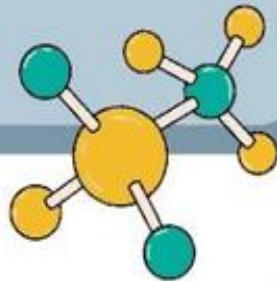




### RECENT RESEARCH ADVANCEMENTS IN HUMAN PAPILLOMA VIRUSES (HPVs)

#### 1. HPV Overview

Human Papillomaviruses (HPVs) are epitheliotropic viruses infecting squamous epithelia (skin and mucosae). HPV causes 99% of cervical cancers, 90% of anal cancers, 65% vaginal cancers, 50% vulvar cancers, and 45-90% oropharyngeal cancers. No significant genetic predisposition for cervical cancer is noted.



#### 2. Transmission Routes

HPV transmission is primarily through skin-to-skin or skin-to-mucosa contact. Sexual transmission is most documented, but non-sexual routes include fomites, fingers, mouth, self-inoculation, and vertical transmission from mother to child during birth. HPV DNA is detected in water environments, but waterborne transmission isn't demonstrated. Routine hygiene is inefficient in preventing transmission.



# FCPS Guidance session by MIG

MIG successfully conducted a guidance session for FCPS titled ‘**Prep, Plan, Progress – FCPS Blueprint**’ The session provided a platform for aspiring fellows to gain valuable insights into the Fellowship of College of Physicians and Surgeons (FCPS) program.

## Overview:

The following report is a comprehensive summary of the FCPS career guidance session conducted by Medicine Interest Group, Rawalpindi Medical University. The session offered a valuable opportunity for medical professionals to receive expert guidance on navigating the FCPS program. Through interactive discussions and Q&A sessions, participants gained insights into effective preparation strategies and exam techniques.

**Title:** Plan, Prep, Progress – FCPS Blueprint.

### Speaker:

- Dr. Hassan Ahmed (Resident Neurosurgeon, Holy family Hospital, Rawalpindi)

### Registration Cost:

- The session was free of cost for everyone.

### Disciplines represented:

- MBBS
- House officers
- Medical Officers

### Principal University:

- Rawalpindi Medical University

### Participating Universities:

- Dow Medical College
- Al Nafees Medical College
- HIT Hospital Taxila
- LMDC
- FMDC
- Ruth Pfao College
- HBS
- Foundation Medical College
- FMC
- Aimc
- Army Medical College

- Ayub Medical College
- Sheikh Zayed Medical College
- Al-Nafees college
- KEMU
- Shifa College

#### **Event Details:**

- **Date:** Sunday, 25<sup>th</sup> May, 2025
- **Time:** 3:00 p.m.

#### **No. of Registrations:**

- 354

#### **No. of Attendees:**

- 260

#### **Key Points of Webinar:**

- Post graduate options (FCPS ,JCAT)
- FCPS VS JCAT
- What specialties are available
- Cip explained in easy words
- Books and Lectures to be followed
- Informative QnA

#### **Contributions of Media and Publication Department:**

- Created visually appealing posters to announce and promote the session.
- Provided media coverage during the session.
- Made a reel for the publicity purposes.

#### **Contributions of Education and Training Department:**

- Appointed host for the session to ensure that it went smoothly.
- Appointed a member to jot down the important points of the session.
- Conducted Q&A at the end of the sessions.

#### **Contributions of Management Department:**

- Ensured access to the Microsoft teams premium account for the session.
- Managed a dedicated WhatsApp group for the session, facilitating participant interaction and inquiries.
- Organized the MS Teams meeting for the session.

#### **Session Resources:**

The recording of session, PowerPoint presentation and the session notes were shared with participants.

### **Feedback Form:**

After the completion of the session, a feedback form was distributed among participants. It helped us to gather constructive criticism and highlight areas for improvement, enabling us to refine our approach and enhance the quality of our future events.

### **Impact Created:**

Our FCPS Guidance Session provided valuable insights and guidance to participants, empowering them to navigate their medical careers with confidence. The session covered essential topics, including FCPS exam preparation, residency options, and career pathways. By providing expert guidance and support, we aimed to inspire and motivate participants to achieve their goals and pursue excellence in their medical careers.





# MEDICINE INTEREST GROUP



## Online Webinar

### PREP, PLAN, PROGRESS - FCPS BLUEPRINT .



MAY 25, 2025  
03:00 PM

### DR. HASSAN AHMED

RESIDENT NEUROSURGEON, HFH, RWP.

We'll Discuss:

- 👉 Overview to FCPS
- 👉 Scope And Purpose
- 👉 Practical Tips to Ace Part 1
- 👉 FCPS vs JCAT



REGISTER NOW



# 1<sup>st</sup> BLS Workshop 2025 by MIG

In an effort to enhance clinical preparedness among medical students, MIG conducted a comprehensive Basic Life Support (BLS) training session in collaboration with rescue 1122 at Rawalpindi Medical University, Rawalpindi. The session aimed to equip future healthcare professionals with the critical skills required for effective emergency response, including CPR, Bleeding control, Foreign Body airway obstruction, and fracture management.

**Trainer:** Rescue 1122 professional trainers

**Session Venue:** CPC hall, NTB, Rawalpindi Medical University

**Session schedule:**

- **Date:** Friday, 30th May, 2025
- **Time:** 9:45 a.m.- 12:00 p.m.

**Participating students:** Rawalpindi Medical University students

**No. of attendees:** 50

**Contributions of the Media and Publication Department:**

- Designed eye-catching promotional posters to advertise the session
- Prepared customized certificates for organizers.
- Made standees to enhance the visualization and engagement of the event.
- Comprehensive event coverage for promotional and archival purposes.
- Collected participant feedback through structured Google Forms and interviews to evaluate session effectiveness.

**Contributions of the Management Department:**

- Created and managed a Google Form for registrations.
- Facilitated communication for announcements, participant queries, and engagement.
- Handled financial logistics, including budget tracking and maintaining a detailed registration database.

**Certificates:**

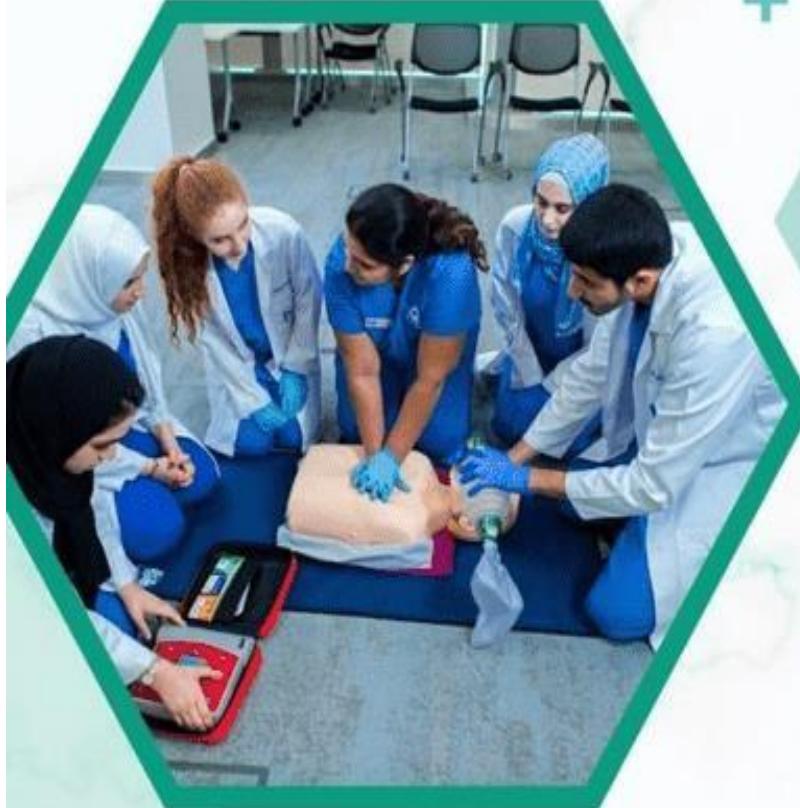
Pakistan Life Saver Program-certified e-certificates were given to all the attendees.

**Impact Created:**

Our Basic Life Support (BLS) workshop, organized in collaboration with Rescue 1122, aimed to equip participants with essential life-saving skills. Expert trainers from Rescue 1122 provided hands-on instruction in CPR, airway management, and bleeding control, ensuring practical understanding and confidence. As a gesture of solidarity, Palestinian students were invited as chief guests, adding a meaningful and unifying dimension to the session.



# MEDICINE INTEREST GROUP



## BLS ON-CAMPUS WORKSHOP

IN COLLABORATION WITH

**RESCUE - 1122**

PAKISTAN LIFESAVER PROGRAM (PLSP)  
CERTIFIED E-CERTIFICATES WILL BE  
PROVIDED TO ALL PARTICIPANTS

VERY LIMITED SLOTS AVAILABLE !  
ONLY FOR RMU STUDENTS



JOIN US FOR HANDS ON  
EXPERIENCE!

9:30PM-12PM

CPC HALL NTB, RMU

30TH MAY 2025

MIG RMU

MEDICINE INTEREST GROUP MIG

# How To Read Your Reports-101

MIG successfully conducted a 4 days online webinar series titled “**How To Read Your Reports-101** ”. This series provided students an opportunity to master interpretation of Lab reports, ECG and radiographs, all the way from the Fundamentals to complex.

## Overview:

This 4 days online webinar series was divided into 3 segments.

- **Lab reports** Interpretation webinar
- **ECG** webinar
- **Radiology** webinar.

## Speakers for respective days:

- **Day 1:** 28<sup>th</sup> June- **Lab reports** Interpretation webinar (by Dr. Ayesha Khurshid) - FCPS (hematology), CHPE
- **Day 2:** 29<sup>th</sup> June- **ECG webinar** (by Dr. Qurban Hussain Khan)- FCPS (cardiology), FCPS (electrophysiology), CCDS (USA)
- **Day 3:** 30<sup>th</sup> June- **Ultrasound and X-rays** (by Dr. Hina)- Associate professor, Head of Radiology, Benazir Bhutto hospital
- **Day 4:** 1<sup>st</sup> July- **CT Scan and MRI** (by Dr. Hina)

## Disciplines represented:

- MBBS
- AHS
- House officers
- Post-graduate trainees

**Principal institution:** Rawalpindi Medical University

## Other Participating Universities:

- Foundation medical university
- Islamic International Medical College / Riphah University
- Rawal Institute of health sciences
- Army medical college
- DOW Medical University
- Islamabad Medical College
- AI Nafees medical college
- Fazaia Medical College Islamabad
- Khyber medical college
- Sheikh Zayed Medical college, RYK
- Mohi-ud-Din Islamic Medical College, Mirpur, AJK.
- HBS Islamabad
- Shifa medical college
- Fazaia Ruth Pfao Medical College (FRPMC), Karachi
- Faisalabad medical college

- Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU)
- Shaikh Khalifa Bin Zayed Al-Nahyan Medical and Dental College
- Ameer ud din medical college
- Khyber Girls Medical College
- Poonch Medical College Rawalakot- PMCR
- Allama iqbal medical college
- Nishtar medical college
- Rai medical college Sargodha
- Akhtar Saeed Medical College, Rawalpindi
- Azerbaijan Medical University
- Riphah college of veterinary sciences Lahore
- GC university Faisalabad
- Green International University Lahore
- Watim Medical College, Rawat
- Rawal institute of health sciences
- Mohtarma Benazir Bhutto Shaheed Medical College,
- Sargodha medical college
- Nawaz Sharif Medical College, Gujrat
- Wah Medical College

**Schedule:** 28<sup>th</sup> June – 1<sup>st</sup> July, 2025

- **Day 1** (28<sup>th</sup> June) : 3.30 p.m – 5:00 p.m
- **Day 2** (29<sup>th</sup> June) : 3:30 p.m. – 5:00 p.m.
- **Day 3** (30<sup>th</sup> June) : 5:15p.m – 6:30 p.m
- **Day 4** (1<sup>st</sup> July): 5:15p.m -- 6:30 p.m

**No. of Attendees:**

- 310

**Contributions of the Media and Publication Department:**

- Created visually appealing posters to announce and promote the session.
- Designed speaker reveal posters to enhance the course's credibility.
- Prepared E-certificates for participants.

**Contributions of the Management and Finance Department:**

- Generated and managed a Google Form for participants' registrations
- Facilitated communication for announcements, participant queries, and engagement via a dedicated WhatsApp group
- Organized the MS Teams meeting for session of each day.

**Contribution of Alumni and Speaker Outreach Department:**

- Contacted the speakers for all the 4 days of the session and confirmed their availability.

## **Contributions of Education and Training Department:**

- Appointed hosts and co-hosts (moderator and scribe) for the session to ensure that the session progressed smoothly.
- Conducted interactive Q&A sessions during the session, and at the end of each day.

## **Feedback Form:**

After the session, participants were given a feedback form to share their thoughts. Their responses provided helpful insights that improved our understanding of how engaged the students were and how effective the session had been.

## **Recordings:**

Recordings of all 4 days of webinar were shared with the participants via google drive.

## **Certificates:**

After the session concluded, a link was shared in the WhatsApp group that included the e- certificates of all the participants and the organizers

## **Impact Created:**

Our "Read Your Report" workshop series was a resounding success, with participants gaining valuable insights and skills in interpreting ECGs, X-rays, and lab reports. Our expert faculty led interactive sessions, providing real-world examples to ensure attendees felt confident in their ability to apply their newfound knowledge.

**MEDICINE INTEREST GROUP**  
PRESENTS

## HOW TO READ YOUR REPORTS-101

**DR AYESHA KHURSHID**  
MBBS  
FCPS (HAEMATOLOGY)  
CPPE  
CONSULTANT  
HAEMATOLOGIST  
ASSOCIATE PROF OF  
HAEMATOLOGY  
AT AFIP RWP

**DR QURBAN HUSSAIN KHAN**  
CONSULTANT CARDIOLOGIST AND  
ASSISTANT PROFESSOR  
OF CARDIAC ELECTROPHYSIOLOGY  
BSC (UK)  
MBBS (UK)  
FCPS (CARDIOLOGY)  
FCPS (ELECTROPHYSIOLOGY)  
CCDS (USA)

**DR HINA HANIF MUGHAL**  
ASSOCIATE PROFESSOR  
HEAD OF RADIOLOGY  
BANAZIR BHUTTO HOSPITAL

ONLINE WEBINAR ON  
28,29,30 JUNE AND 1 JULY  
3:30 TO 5 PM

MEDICINE INTEREST GROUP MIG

**MEDICINE INTEREST GROUP**  
PRESENTS

## HOW TO READ YOUR REPORTS-101

**Key Topics Covered:**

- \* Why pathology reports are the “final word” in diagnosis
- \* Red flags in lab values – when to worry?
- \* GBCs and peripheral smears: anemia, leukemia, infections
- \* LFTs: differentiating hepatitis, cholestasis, cirrhosis
- \* RFTs: patterns in acute and chronic kidney diseases
- \* ABG interpretation: step-by-step – compensated vs decompensated states
- \* Coagulation profile: identifying bleeding disorders, DIC, anticoagulation issues
- \* Rare and unusual lab findings shared by the speaker
- \* Infectious disease markers: what changes mean for prognosis and treatment
- \* Miscellaneous tests: body fluids and urinalysis
- \* Diagnostic pitfalls: how misreading a report can impact patient outcomes

ONLINE WEBINAR ON  
28,29,30 JUNE AND 1 JULY  
3:30 TO 5 PM

MEDICINE INTEREST GROUP MIG

**MEDICINE INTEREST GROUP**  
PRESENTS

## HOW TO READ YOUR REPORTS-101

**DR QURBAN HUSSAIN KHAN**  
CONSULTANT CARDIOLOGIST AND  
ASSISTANT PROFESSOR  
OF CARDIAC ELECTROPHYSIOLOGY  
(BSC MBBS FCPS CCDS)

- Indications for ECG
- ECG leads, paper, and machine
- Basics of ECG
- Stepwise approach to ECG interpretation
- Normal ECG rhythm
- Cardiac Axis and Abnormalities
- Identification of abnormalities on ECG:
- STEMI, NSTEMI, Rate and Rythm
- Abnormalities, AV block, Cardiac Arrest
- Electrolyte Disturbances.

ONLINE WEBINAR ON  
28,29,30 JUNE AND 1 JULY  
3:30 TO 5 PM

MEDICINE INTEREST GROUP MIG

**MEDICINE INTEREST GROUP**  
PRESENTS

## HOW TO READ YOUR REPORTS-101

**DR HINA HANIF MUGHAL**  
ASSOCIATE PROFESSOR  
HOD RADIOLOGY  
BANAZIR BHUTTO HOSPITAL

**Day 1: X-Ray & Ultrasound Interpretation**

- X-Ray interpretation
- Basics of X-ray imaging & radiation safety
- Chest X-ray: ABCDE approach, normal anatomy, pneumonia, pneumothorax
- MSK X-ray: Limb zones, Fractures, dislocations, arthritis
- Abdominal X-ray: Bowel obstruction, free air, masses
- Ultrasound interpretation
- Concepts of echogenicity, orientation & artifacts
- Abdomen & pelvis USG scan regions

**Day 2: MRI & CT Scan Interpretation**

- Brain MRI
- Stroke, tumors, infections
- Neurodegenerative & demyelinating disorders
- CT Scan Interpretation
- Basics: Indications, artifacts, windowing
- Techniques: Contrast use, scan protocols
- Reading CTs: Systematic approach
- Findings: Trauma, tumors, infections, variants

ONLINE WEBINAR ON  
28,29,30 JUNE AND 1 JULY  
3:30 TO 5 PM

MEDICINE INTEREST GROUP MIG

# Medical Olympiad by MIG

MIG successfully conducted a Medical Olympiad which was attended by medical students from various medical colleges and universities across Rawalpindi and Islamabad.

## Overview:

The following report is a comprehensive summary of the Medical Olympiad conducted by Medicine Interest Group, Rawalpindi Medical University. It was one of a kind initiative which focused on bringing likeminded individuals together to assess the training imparted to them.

**Date:** 31<sup>st</sup> August 2025

**Time:** 9:00am — 5:30pm

**Venue:** Old Teaching Block, RMU

## Registration Cost:

- 3000 for each team of 6 — 8 people
- 300 per segment for individual participation in Creativity lounge
- Special discount also offered to RMU societies (SYNCH , THE SCHOLARS WING , RSRS)

## Total Participants:

Total Teams:11

Individual participants:16

**Principal University:** Rawalpindi Medical University

## Participating Universities:

- Al Nafees Medical College
- Watim Medical College
- Nust School of Health Sciences
- Sheikh Zayed Medical College
- Army Medical College
- Foundation Medical University

## Guests and Speakers:

- Vice Chancellor RMU, Prof Dr M Umar, SI, HI
- Prof Dr Saima Ambreen
- Dr Syed Mehboob Ali Shah
- Dr M Huzaifa Azam
- Dr Qandeel Khurshid

## Segments:

- **Main Segments:**

1. Alpha med
2. Code Blue
3. Debate To Medicine
4. Stump The Intern (Medical Escape Room)
5. Trails of trials (Scavenger Hunt)
6. Mind Unmasked

- **Creativity Lounge:**

1. Art Gallery
2. Cardio quest
3. Essay / Story Writing

## Incentives:

- Shields + certificates for 1st 3 positions in all competitions
- Cash prizes for the 1st 3 positions overall
- Shields/ trophies for the 1st 3 positions overall
- Participation certificates for all participants

## Cash Prize:

- 7k for 1<sup>st</sup> position
- 5k for 2<sup>nd</sup> position
- 3k for 3<sup>rd</sup> position

## Winners:

- 1st position Team ABG's
- 2nd position Team NSHS1
- 3rd position Team Med Minions

## Contributions of Media and Publication Department:

- Created visually appealing posters to announce and promote the session.
- Provided media coverage during the session.
- Made reels for the publicity purposes.
- Designed Certificates, Shields and Standee Design

## Contributions of Education and Training Department:

- Appointed hosts for the session to ensure that it went smoothly.

### **Contributions of Management Department:**

- Managed Finances
- Made Separate WhatsApp Group for each Segment

### **Contributions of Segment Incharge:**

Segment incharges were appointed for each segment. They were autonomous in their decision of how they want to conduct the segment. They planned and Executed the segments.

### **Impact Created:**

The Medical Olympiad proved to be a highly engaging and successful event, successfully blending knowledge, skill, and teamwork across its multiple segments. It not only tested participants' medical understanding but also fostered healthy competition, critical thinking, and collaboration among aspiring medical minds. The event received positive feedback from both participants and faculty, highlighting its impact on learning and professional growth. Overall, the Olympiad set a strong benchmark for future medical events, encouraging continuous academic excellence and interdisciplinary collaboration

The poster features a green book with 'DICTIONARY' written on the cover, a stethoscope resting on it, and a green ribbon. At the top, there are two circular logos: one for the 'MEDICINE INTEREST GROUP' with a caduceus symbol, and another for 'RJU MEDICAL UNIVERSITY' with the letters 'RJU' and 'MEDICAL UNIVERSITY'. The text 'MEDICINE INTEREST GROUP' is in green, and 'MEDICINE OLYMPIAD 2015' is in white. Below this, the word 'Alpha' is written in large green letters, and 'MED' is in red letters. A word cloud at the bottom right includes words like 'exam', 'healthcare', 'profession', 'research', 'instrument', 'cardiac', 'technology', 'equipment', 'wellbeing', 'sickness', 'device', 'heart', 'device', 'wellness', 'clean', 'tool', 'pulse', 'isolate', 'cardiology', 'heart', 'test', 'clean', 'physician', 'listen', 'emergency', 'examination', 'medicinet', 'metal', 'scientific', 'professional', and 'closeup'.

The poster features a green background with a faint watermark of a medical building. At the top left is the MIG logo (a caduceus inside a circle with the text 'MEDICINE INTEREST GROUP'). At the top right is the RUMU logo (a circular emblem with 'RUMU' and 'RAJASTHAN MEDICAL UNIVERSITY'). The text 'MEDICINE OLYMPIAD 2025' is prominently displayed in the center, with 'MEDICINE' above 'OLYMPIAD' and '2025' below it, all in a stylized font with green caduceus icons integrated into the letters. Below this, the main title 'MIND UNMASKED' is written in large, bold, dark green capital letters. To the right of the 'D' in 'MIND' is a stylized profile of a human head facing right, with a detailed green brain visible inside. A decorative horizontal line with diamond-shaped ornaments separates the title from the subtitle. The subtitle 'A Journey Through Thoughts, Emotions & Reflections' is written in a smaller, elegant, dark green script font below the line.

**MEDICINE INTEREST GROUP**

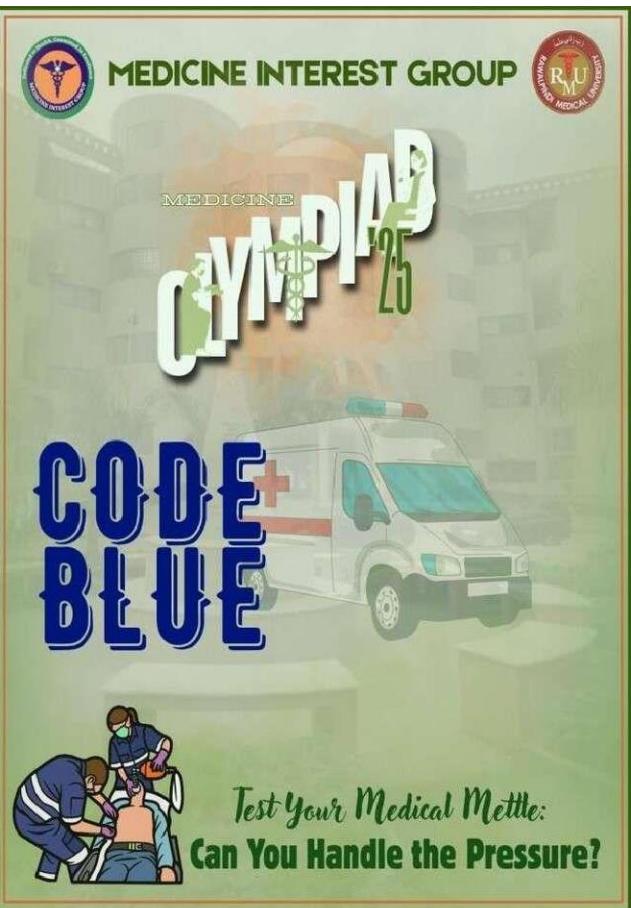
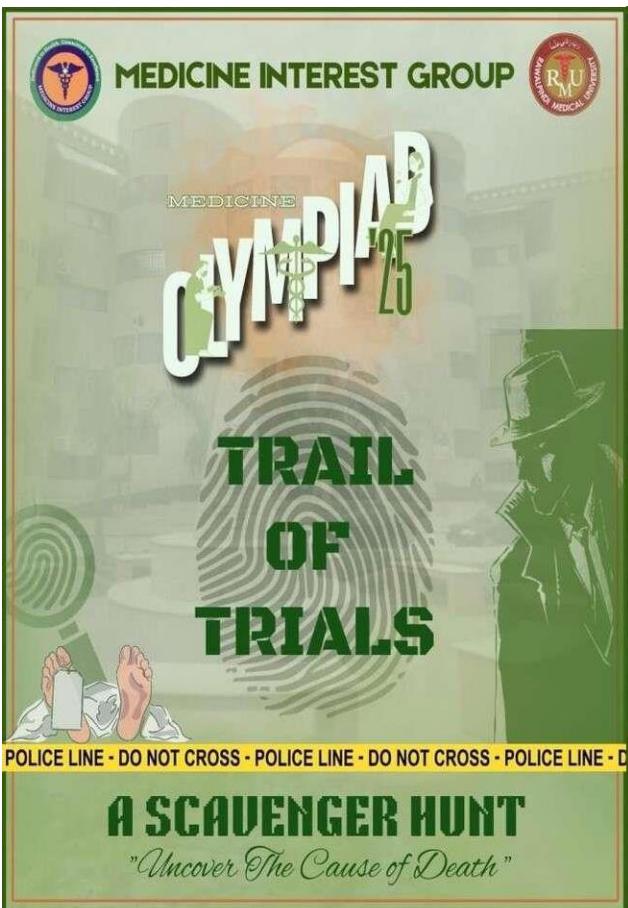
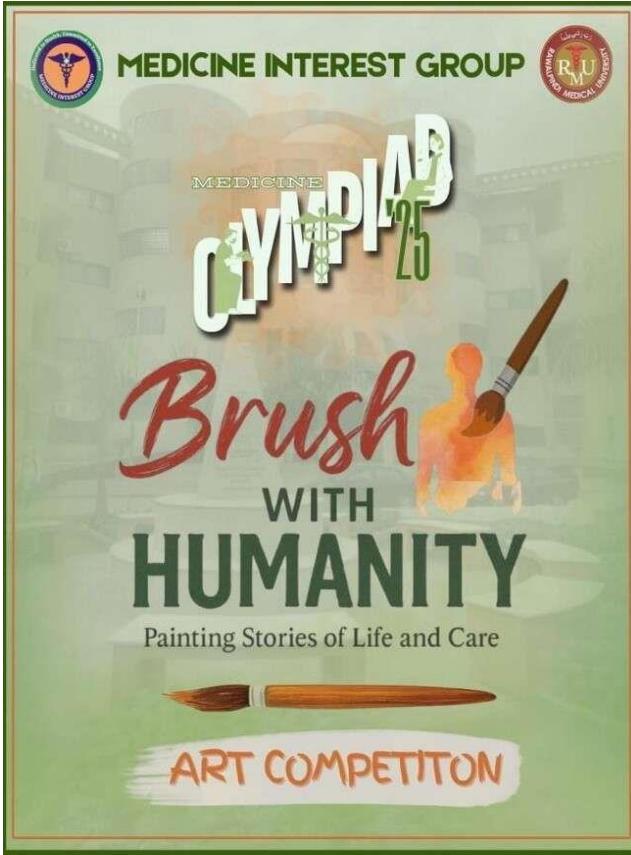
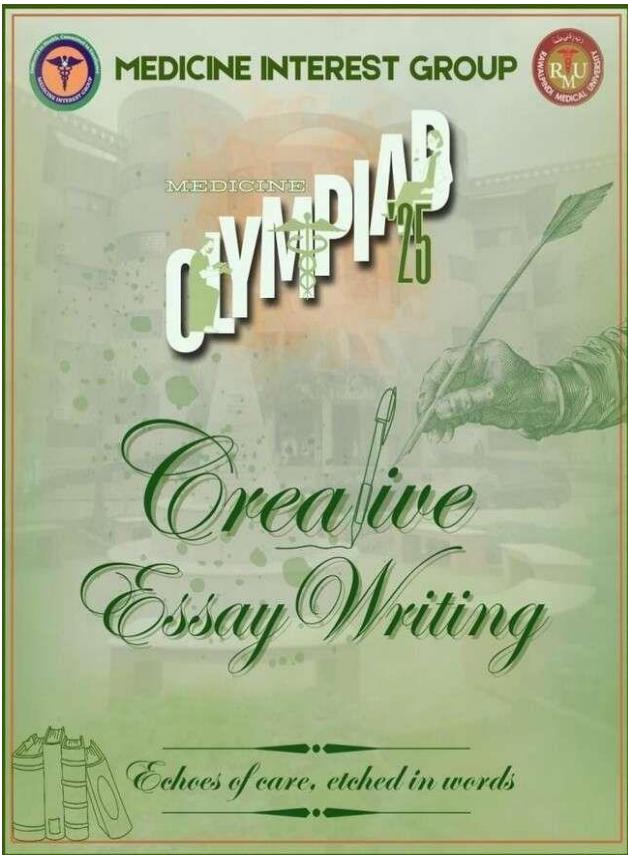
**CYMPIA 2025**

**REGISTRATIONS OPEN**

**LAST DATE: 26-08-2025**

**Limited slots for early bird discount**

The poster features a central graphic of the word 'olympiad' in large, stylized letters. The letters are white with green outlines and contain various medical symbols like a caduceus and a stethoscope. Above this word, the word 'MEDICINE' is written in a smaller, sans-serif font. Below the main title, the text 'Debate to Medicine' is displayed in large, bold, green letters. The letters have a drop shadow effect. The background of the poster is a light green color with a faint, out-of-focus image of a classical building, possibly a library or a hospital. At the bottom of the poster, the tagline 'Diagnosing Arguments, Prescribing Solutions.' is written in a cursive, green font. In the top corners, there are circular logos: the left one is for the 'MEDICINE INTEREST GROUP' and the right one is for 'NEW RUMMANI MEDICAL COLLEGE' with the acronym 'RUM' in the center. There are also two cartoon illustrations of doctors in white coats and stethoscopes standing behind wooden podiums. The doctor on the left is pointing upwards with his right hand, while the doctor on the right is pointing upwards with his left hand. Both doctors have a friendly expression. The podiums have a green caduceus symbol on them. The overall theme of the poster is professional and academic.



# House Job Demystified: Roles, Challenges, and Roadmap for Future Success

In collaboration with RSRS, SJRMC, Research Venture, SALT and CIRD in RECON 2025 we organized a guidance session to equip medical students with essential practical insights for a successful transition into house job training. This session addressed key domains in regards to house job—including role clarification, skill preparation, specialty selection, workplace dynamics, maximizing learning, work-life balance, and long-term career planning— enabling participants to approach their internships with clarity, confidence, and a proactive mindset.

## Speakers

- Dr. Zarak Khan (MBBS) Founding President, MIG | Health Manager at MNHC.
- Dr. Fatima Khalid (MBBS) Founding Vice President, MIG | Medical Officer at Hearts International.

Session Venue: Online, Zoom Meeting

## Session schedule:

- **Date:** 7<sup>th</sup> September, 2025
- **Time:** 11:00 a.m. – 11:45 a.m.

Total No. of attendees: 153

Principal institution: Rawalpindi Medical University

## Other institutes:

- Watim medical and dental college
- Al-Nafees medical college (Isra University)
- Khyber Medical University
- Shalamar medical and dental college
- King Edward medical university
- Services institute of medical sciences
- Northwest School of Medicine, Peshawar
- Foundation university, Islamabad
- Federal Medical college
- Fatima Jinnah medical university
- Quaid-e-Azam medical college, Bahawalpur
- Khawaja Muhammad Safdar medical college, Sialkot

## Contribution of Education and Training Department:

- Carried out the roles of moderator and scribe, ensuring seamless session facilitation and comprehensive documentation of the proceedings

### **Impact Created:**

"House Job Demystified" was a highly successful workshop designed to equip participants with the skills and knowledge necessary to excel in their house jobs. Our founding presidents shared valuable insights and practical tips on navigating various rotations, helping attendees feel more confident and prepared for the challenges of their house jobs.



RAWALIAN STUDENTS' RESEARCH SOCIETY  
Rawalpindi Medical University

RECON'25  
MEDICINE  
SEPTEMBER / ONLINE

*"House Job Demystified: Roles, Challenges, and Roadmap for Future Success"*

**SYMPPOSIUM BY MIG RMU**



*Dr. Fatima Khalid*  
Medical Officer, Hearts International  
Founding VP, MIG



*Dr. Zarak Khan*  
Health Manager at MNHC  
(Maryam Nawaz Health Clinic)

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# The 2<sup>nd</sup> BLS Workshop

To build the clinical proficiency of medical students and improve their ability to respond effectively in emergencies, MIG hosted an interactive Basic Life Support (BLS) workshop. The program focused on empowering aspiring healthcare professionals with the core concepts and hands-on techniques required to deliver prompt and effective life-saving care in urgent situations.

**Trainer:** Dr. Seemab Abid (CHPE, FCPS, MBBS) | MU-1, Holy Family Hospital, Rawalpindi.

**Session Venue:** Latif Auditorium, Old Teaching Block, Rawalpindi Medical University

## **Session Schedule:**

- **Date:** 9<sup>th</sup> October, 2025
- **Time:** 10:00 a.m. — 1:00 p.m.

**Total No. of attendees:** 71

**Principal institution:** Rawalpindi Medical University

## **Participant's Institutions:**

- Akhtar Saeed medical college
- Islamic International Medical College (Riphah International University)
- Islamabad Medical and Dental College
- Rawal institute of health sciences, Islamabad
- Watim medical and dental college
- Al-Nafees medical college (Isra University)
- Khyber Medical University Institute of Medical Sciences
- HBS medical and dental colleges
- Women medical college (WMC) Abbottabad
- Faisalabad medical university ( FMU )

## **Contributions of the Media and Publication Department:**

- Designed appealing posters to effectively publicize the BLS session.
- Made standees and participants cards to enhance the visualization and engagement of the event.
- Prepared participant's certificates to acknowledge involvement and successful completion of the session.
- Comprehensive event coverage for promotional and archival purposes.

## **Contribution of Education and Training Department:**

- Arranged and briefed the hosts regarding the session to ensure smooth event flow and effective audience engagement.

## **Contributions of the Management and Finance Department:**

- Created and managed a Google Form for registrations.
- Facilitated communication for announcements, participant queries, and engagement via a WhatsApp group.
- Handled financial logistics, including budget tracking and maintained a detailed registration database.
- Looked after the arrangement of refreshments for the speaker and the organizers.
- Collected participant's feedback through structured Google Form to assess session effectiveness.

## **Acknowledgements:**

- Printed certificates of participation were given to all the attendees.
- A shield was presented to the speaker in recognition of her dedication and contribution.

## **Feedback Form:**

- After the completion of the session, a feedback form was shared with participants.

## **Impact Created:**

The Basic Life Support (BLS) session conducted by the Medicine Interest Group (MIG) created a meaningful and lasting impact among students from various medical colleges. The training not only enhanced their understanding of emergency response protocols but also instilled greater confidence in handling real-life critical situations. Participants gained valuable hands-on experience in performing CPR, managing airway obstruction, and responding to cardiac emergencies — skills that are vital for every future healthcare professional.

## BLS Workshop Posters

WHAT'S INSIDE A **First Aid Kit?**

CAN YOU DO **Emergency CPR?**

HOW WILL YOU **Use AED?**

AUTOMATED EXTERNAL DEFIBRILLATOR

MEDICINE INTEREST GROUP-RMU

Presents

# BLS Workshop

DON'T MISS THE CHANCE, TO GRAB YOUR SLOTS

9<sup>TH</sup> OCT      OTB      10AM - 1PM

MEDICINE INTEREST GROUP-RMU

# BLS Workshop

**Dr. Seemab Abid**

AHA Certified  
BLS and ACLS trainer  
MBBS, FCPS, CHPE

9<sup>th</sup> October, 2025  
10AM-1PM

REGISTER NOW!

DON'T MISS THE CHANCE TO LEARN THE FOUNDATION OF SAVING LIVES: **BASIC LIFE SUPPORT.**

# Report on the Youth Emergency Response Program (YERP) 2025 by MIG

In an effort to enhance the emergency lifesaving skills among undergraduate students, MIG conducted a comprehensive Youth Emergency Response Program (YERP) training session at various schools throughout the twin cities. The session aimed to educate students with the critical skills required for effective emergency response, including CPR, Bleeding control, Foreign Body airway obstruction, and fracture management.

**Trainer:** Medical students (First to final year) and House officers.

**Project Venue:** Various secondary schools and colleges throughout Pakistan.

## **Project schedule:**

- **Date:** September 1 - November 15

**Participating students:** Students in their SSC/ O levels and HSSC/A levels

**No. of students** 1500+

## **Contributions of the Media and Publication Department:**

- Designed eye-catching promotional posters to advertise the session
- Prepared customized certificates for organizers.
- Provided guidance about coverage to the organizers.

## **Contributions of the Education Department:**

- Prepared a PowerPoint presentation on first aid for the teams visiting various schools as part of the YERP initiative.

## **Impact Created:**

The Youth Emergency Response Program has made a significant impact on the young minds of our community, empowering them with life-saving skills and knowledge to respond to emergencies. Multiple teams visited various schools, engaging with students and equipping them with Basic Life Support (BLS) techniques . By investing in the education and training of young children, we aim to create a ripple effect, spreading awareness and promoting a culture of safety and emergency preparedness throughout the community.

Health, Committed to

MEDICINE INTEREST GROUP  
**YOUTH EMERGENCY  
RESPONSE PROGRAM**



1500

STUDENTS TRAINED



VE INTEREST

# Career Guidance session by MIG

“MedCareer Compass” is an initiative by MIG designed to give students a clearer understanding of various medical sub-specialties. Through this program, MIG aims to guide aspiring doctors by highlighting the advantages, challenges, and typical work routines of each specialty. In this session, we focused on exploring Rheumatology and Psychiatry as potential career paths..

## Overview:

The following report is a comprehensive summary of the Career guidance session conducted by Medicine Interest Group, Rawalpindi Medical University. The session offered a valuable opportunity for medical professionals to receive expert guidance on navigating Rheumatology and Psychiatry through interactive discussions and Q&A sessions, participants gained insights into effective preparation strategies and exam techniques.

**Title:** MedCareer Compass “ Rheumatology and Dermatology”

### Speaker:

- Day 1 : Dr. Shamaila Mumtaz ( Consultant Rheumatologist )
- Day 2 : Dr. Syed Mehboob Ali Shah ( Consultant Psychiatrist)

### Registration Cost:

- The session was free of cost for everyone.

### Disciplines represented:

- MBBS
- House officers

**Principal University:** Rawalpindi Medical University

### Participating Universities:

- Dow Medical College
- Al Nafees Medical College
- Khyber Medical College
- IIMC
- FMDC
- Watim Medical College
- Mohi Ud Din Islamic Medical College
- Foundation College
- FMC

- Ayub Medical College
- NSHS
- Army Medical College
- HBS Medical and Dental College
- SZABMDC Lahore
- Al-Nafees college
- Sheikh Zayed Medical College RYK
- Guizhou Medical University
- Shifa College
- KEMU

#### **Course Schedule:**

- **Date:** 12<sup>th</sup> November & 14<sup>th</sup> November 2025
- **Time:** 5:30-6:30 pm

#### **Total Participants:**

- 113

#### **Contributions of Media and Publication Department:**

- Created visually appealing posters to announce and promote the session.

#### **Contributions of Education and Training Department:**

- Appointed host for the session to ensure that it went smoothly.
- Conducted Q&A at the end of the sessions.

#### **Contributions of Management Department:**

- Ensured access to the Microsoft teams premium account for the session.
- Managed a dedicated WhatsApp group for the session, facilitating participant interaction and inquiries.
- Organized the MS Teams meeting for the session.

#### **Feedback Form:**

After the completion of the session, a feedback form was distributed among participants. It helped us to gather constructive criticism and highlight areas for improvement, enabling us to refine our approach and enhance the quality of our future events.

#### **Session Resources:**

- - The recording of session were shared with participants

### **Impact Created:**

Our MedCareer Compass session shed light on the exciting career paths of Rheumatology and Psychiatry, guiding participants to make informed decisions about their future. Our expert speakers shared insights into these dynamic fields, inspiring participants to explore their interests. By providing a platform for exploration and guidance, we aimed to empower participants to chart their own course in the medical field, pursuing fulfilling and rewarding careers.



**MEDICINE INTEREST GROUP**

*Presents*

**WEBINAR SERIES**  
**MED-CAREER COMPASS**

*on*  
**RHEUMATOLOGY**  
**&**  
**PSYCHIATRY**

**E-CERTIFICATES WILL BE PROVIDED**

**Date** 12th And 14th November  
**Price** Free of Cost  
**Venue** Online

**Registrations Closing Soon**

**SCAN ME**

**Register Now!**

**Medicine Interest Group**

**MEDICINE INTEREST GROUP**

*Presents*

**WEBINAR SERIES**  
**MED-CAREER COMPASS**

**SPEAKERS**

**DR. SHUMAILA MUMTAZ**  
CONSULTANT RHEUMATOLOGIST  
FCPS (Rheumatology)  
FCPS (Medicine)  
MBBS

**DR. SYED MEHBOOB ALI SHAH**  
CONSULTANT PSYCHIATRIST  
FCPS (Psychiatry)  
MBBS

**Date** 12th And 14th November  
**Price** Free of Cost  
**Venue** Online at 5:30 pm (P.S.T)

**26<sup>th</sup> Asia-Pacific League of Associations for Rheumatology Congress**

**POSTERIOR SCLERITIS LEADING TO OPEN ANGLE GLAUCOMA A RARE PRESENTATION OF GRANULOMATOSIS WITH POLYANGITIS**

Dr. Shumaila Mumtaz, Rawalpindi Medical University - Pakistan

**INTRODUCTION**

- 47 years old gentleman presented with sudden onset loss of vision along with pain and redness of both eyes.
- Ophthalmological evaluation revealed marked conjunctival & eyelid edema along with increased pressure of 40 mm Hg in both eyes. He was diagnosed to be have of Open Angle Glaucoma and treated with topical eye glaucoma medication. Anterior chamber and iris were also non-inflamed.
- Rheumatological evaluation revealed history of Inflammatory Backache and polyarthalgia for over 3-4 years. There was left sided sacroiliac but no peripheral arthritis or evidence of vasculitis.
- Amilor increase was done as patient also gave history of occasional hemoptysis and renal dysfunction.

**INVESTIGATIONS**

- OCT and DSO - normal.
- Greater Bright Spot Intensity (GBSI) - 0.6400 - pathognomonic. Fugue due to Axial sacroiliitis as posterior segmental nerve - suggestion of Posterior scleritis.
- ANA (titre - Anti-Phospholipid 3 fold of norm > 100 U/ml)
- HLAB27 - CT scan of PNS - normal at initial presentation.
- MRI - Left Sacroiliitis

**TREATMENT, OUTCOME AND DISCUSSION**

- Disease induced Iritis (DII) - progressed to Ocular Sympathetic Dystrophy (OSD) reduced to 10-mm Hg in 6-8 weeks.
- 3 months later, he developed Axial Sacroiliitis, sacro-iliac joint and Axopelvic-iliac joint of Left Iliac Crest (LIC) - normal at initial presentation.
- Post-cessation of Plasma Exchange and after oral methotrexate and infliximab reduced.
- Disease remission - Remission (dry) Nausea, tinnitus, low-level polyarthalgia, polyuria, polyuria and nocturnal polyuria.
- Ocular involvement can occur in 30-50% of patients, however Posterior Scleritis (leading to Glaucoma and visual loss) is rare.
- Progression of disease is 50% in this condition.
- High degree of clinical suspicion is required to promptly diagnosis and treat DII especially in cases with visual impairment.

**Medicine Interest Group**