

# FACULTY OF MEDICINE NEWSLETTER

## THE HASHEMITE UNIVERSITY



### What's Inside

Honoring Faculty Members at the School of Medicine

Clinical Training Activities Conclude at Prince Hamzah Hospital

First Full-Endoscopic Cervical Disc Herniation Removal in Public Sector Hospitals

And more



### Dr. Ziad Al-Bataineh Honored in Light of His retirement



### January Filled to the Brim with Workshops

Prince Hamza hospital has seen many workshops in the month of January, targeted to students, physicians, pharmacists, and other healthcare professionals. Read on to find out the several events that occurred in January.

# Honoring Distinguished Faculty Members at the School of Medicine



In a special recognition ceremony, the School of Medicine honored several faculty members for their outstanding contributions and years of dedicated service.

Ms. Suzy Janbek was honored for her long-standing service at the school as she transitions to a new role in Academic Development, where she will continue to contribute to the advancement of higher education education.

Dr. Tareq was also recognized as he prepares to begin a leave of absence, acknowledging his valuable efforts and dedication throughout his tenure.

Additionally, Dr. Ziad Al-Bataineh was honored on the occasion of his retirement, celebrating his distinguished career and invaluable contributions to medical education. The honorees expressed their gratitude for the recognition and reaffirmed their commitment to supporting academic and scientific progress in various capacities.



# Clinical Training Activities Conclude at Prince Hamzah Hospital

The scientific activities organized by the Medical Education Center at the Hashemite University's Faculty of Medicine, in collaboration with the Education and Training Department at Prince Hamzah Hospital and the Syrian American Medical Society (SAMS), concluded today at Prince Hamzah Hospital.

These activities spanned four days, from January 25 to January 28, 2025, focusing primarily on the practical aspects of the medical profession. The program aimed to enhance clinical skills complementary to the curriculum and theoretical knowledge. It included several hands-on workshops, such as:

- 10 workshops on Point-of-Care Ultrasound (POCUS) training
- A public speaking and communication training course
- A specialized ultrasound course for pediatric urology

Additionally, the scientific program featured an academic day with diverse and important lectures, including:

- Red Eye: Differential Diagnosis
- Where is What in Neurology
- The Art of Reading the CBC
- Public Speaking and Communication Skills (Mini Workshop)

The lectures and training sessions were delivered by experienced physicians and specialists practicing in the United States. The event witnessed the participation of over 200 attendees, including residents, interns, and medical students from various medical schools across the country.

Dr. Ahmed Al-Shiyab, Director of the Medical Education Center at the Hashemite University's Faculty of Medicine, emphasized that this marks the third activity held in coordination with SAMS. He also confirmed that several more activities are planned for 2025 as part of an agreed-upon roadmap to enhance the knowledge and expertise of medical students in various fields.



# Workshop on Competency-Based Education Held at Prince Hamzah Hospital

The Medical Education Center at the Hashemite University's Faculty of Medicine, in collaboration with the Training and Studies Center at Prince Hamzah Hospital, recently organized a workshop titled: "Competency-Based Education (CBE)". The workshop was attended by faculty members and academic staff from the Faculty of Medicine and featured various discussion sessions on modern medical education methodologies and best global practices.

In the opening session, Prof. Manar Al-Louama from Al-Mamlaka University discussed how medical curricula and courses should be designed with a focus on competency acquisition as the starting point of the learning process rather than the end goal.

Dr. Ahmed Al-Shiyab, Director of the Medical Education Center, emphasized the growing importance of focusing on competencies and acquired skills rather than solely on theoretical knowledge. He highlighted the need for carefully defining and studying learning objectives, ensuring that teaching methods and student assessments are built around them.

The workshop also included a practical session on writing and formulating learning objectives, led by Dr. Gordon Zubrod, an academic expert in clinical training and assessment.

This workshop is part of an ongoing initiative by the Faculty of Medicine and the Medical Education Center at the Hashemite University to restructure the curricula for both preclinical and clinical years. The goal is to align with academic advancements and enhance the educational outcomes and competencies of medical students.



# Workshop on Competency-Based Education Held at Prince Hamzah Hospital



*More pictures from the workshop*



# Bold Moves: Dr. Youmna Kfoury Shares Insights on Career Transitions in Science



The Oncology Interest Group hosted an inspiring session titled "Bold Moves: How Fearless Pivoting Shaped My Career in Science," featuring Dr. Youmna Kfoury, Associate Scientific Director at Moderna, Inc., USA. The session, held virtually on February 1, 2025, provided valuable insights into career transitions from academia to the biotech industry.

Dr. Kfoury shared her journey, detailing the strategic decisions that led her from biomedical research to a leadership role in one of the world's leading biotech companies. She emphasized the importance of adaptability, continuous learning, and embracing change in shaping a successful career in science. Attendees had the opportunity to engage in discussions about career growth, industry shifts, and the evolving landscape of biomedical research.

With an impressive background in oncology and translational medicine, Dr. Kfoury has

contributed significantly to scientific advancements in immuno-oncology and mRNA-based therapeutics providing attendees with a unique perspective on the intersection of research and industry.

The event was well received, leaving participants inspired and equipped with practical guidance on navigating career transitions in the scientific field.

We encourage all students and faculty members to join our ASCO student interest group to stay updated with our upcoming workshops and sessions:

Facebook group:  
<https://www.facebook.com/groups/8436797696434454>

Instagram Page:  
<https://www.instagram.com/osig.hu/>

# A Groundbreaking Surgery: First Full-Endoscopic Cervical Disc Herniation Removal in Public Sector Hospitals

A neurosurgery team at Prince Hamzah Hospital has successfully performed a groundbreaking procedure, marking the first full-endoscopic cervical disc herniation removal in Ministry of Health and public sector hospitals. The surgery was conducted through a minimally invasive incision of less than 1 cm.

Endoscopic spine surgery is one of the most advanced techniques for treating disc herniation. It is less invasive, safer, and eliminates the need for spinal fusion, which is typically required in traditional procedures. This technique also allows for faster recovery, enabling patients to return to their normal activities in a significantly shorter time.

The procedure was performed by the neurosurgery team led by Dr. Mohammad Al-Tarawneh, Head of the Neurosurgery Division at Prince Hamzah Hospital, with the participation of:

- Dr. Salem Al-Duwairi, Associate Professor at the Hashemite University – Faculty of Medicine
- Dr. Mohammad Nouman, Neurosurgery Resident
- Dr. Mahmoud Abu Aleem, Consultant Anesthesiologist
- Neurosurgery Operating Room Nursing Team

Over the past two years, the Prince Hamzah Hospital neurosurgery team has achieved remarkable progress in endoscopic spine surgery, successfully performing more than 200 lumbar disc herniation procedures, most of which were conducted under local anesthesia.

This milestone procedure is the first of its kind in Ministry of Health hospitals and represents a significant step forward in adopting cutting-edge medical advancements. It was made possible with the support and guidance of the hospital's board of directors, led by His Excellency Dr. Feras Al-Hawari, Minister of Health and Chairman of the Board, and Dr. Kifah Abu Tarboush, General Director of the Hospital.

The surgery was successfully completed without complications, and the patient has shown a rapid recovery post-operation.

# TAPBPR: Beyond Peptide Editing and Exchange

The ASCO Oncology Student Interest Group hosted a webinar titled “TAPBPR: Beyond Peptide Editing and Exchange”, delivered by Dr. Esam Khanfar, a postdoctoral research associate at Cambridge University. His talk included a general overview on TAP-binding protein related (TAP-BPR), which is a protein discovered recently to affect the MHC-I antigen presentation chaperoning.

Peptide presentation on major histocompatibility complex (MHC)-I is essential for eliciting effective immune responses against cancer and infections. TAPBPR is a key chaperone involved in this process, facilitating peptide editing and selection. Utilizing TAPBPR in cancer treatment could improve antigen presentation on MHC-I, enhancing tumour recognition and immune response.

The talk ended with a brief Q&A session where students and Dr Khanfar exchanged ideas about academia and future pathways for students aspiring to be physician-scientists after completing their M.D. degree.

You can follow the oncology interest group on Instagram or Facebook to know about upcoming similar events.



مجموعة  
مهتم  
علم الأورام  
الجامعة الهاشمية



ONCOLOGY  
INTEREST  
GROUP

HASHEMITE UNIVERSITY

# Who Gets the Organ?

## Reader's Shout-Out

A big shout-out to Mohammad Nabeel Al-Bati for their outstanding participation in last issue's student discussion! Your insightful contributions and engagement truly enriched the conversation.

Keep sharing your thoughts and ideas—we love hearing from you! Want to be featured in the next issue? Join the discussion and make your voice heard!

“Older patients are more likely to have a less effective immune system and face more health problems, leading to lower transplantation success rates. It's also true that older patients overall have increased surgical risks.

However, older patients can also be healthier than younger ones, as health is influenced by a complex set of factors, including genetics and lifestyle. Additionally, using age to determine eligibility for transplantation raises important questions: What is the cut-off age for considering a patient too old or too young for transplantation? What age difference between patients is deemed significant (for instance, a 1-year gap versus a 10-year gap)?

Moreover, excluding some patients from receiving transplantation based on age would violate the "Health for All" concept adopted by WHO, particularly since aging is a natural process rather than the result of someone's wrongdoing.

Given this, I believe it is impractical and unethical to consider age a determining factor for transplantation eligibility. Instead, patients should be evaluated on a case-by-case basis, assessing other factors such as their overall health and the likelihood of procedure success.”

**- Mohammad Al-Bati**



# Deserving Care? The Ethics of Self-Inflicted Illness

## Reader's Discussion

### Is it Ethical to Deny Treatment to Patients with Self-Inflicted Conditions ?

As future doctors, we're taught to care for everyone, but what happens when a patient's illness is linked to their own choices, like smoking or unhealthy habits? Some argue that people should take responsibility for their actions, especially when resources are limited. Others believe denying treatment is unfair.

After all, many factors, like stress or addiction, can influence these choices. Where do we draw the line? Should we deny care for sports injuries or car accidents caused by risky behavior?

This debate challenges us to think about fairness, empathy, and the role of doctors. Should we treat everyone equally, or should personal responsibility play a role in healthcare decisions?



### What About You?

We would love to hear from you and your insights on this issue's discussion topic. Use [this link](#) or our the QR code to share all your thoughts with us.

We will present you responses (in Arabic or in English) in the next issue.



# Upcoming Faculty of Medicine Conference

## Transforming Healthcare: The Future of Personalized Medicine in Jordan

### Conference Objective

- To create national organized and well framed initiative for personalized medicine in Jordan
- Knowledge sharing and collaboration in the era of precised (personalized) medicine considering different Jordanian community healthcare needs
- To pave the way for possible national Jordanian genome project



\*Date to be decided

# Make Your Voice Heard

## اجعل صوتك مسموعا

Are you a medical student with insights on studying strategies, research, social work, international medical exam experience?

**This is your chance to share your expertise and inspire your peers!**

### Topics include:

- Studying techniques
- Research experiences
- Volunteering & social impact
- Exam strategies to pass international medical exams

### Why participate?

- Gain public speaking experience
- Boost your resume
- Connect with fellow medical students

هل أنت طالب طب وترغب في مشاركة تجاربك الدراسية؟ هل لديك شغف بالبحث العلمي أو العمل التطوعي، هل لديك خبرو في امتحانات الزمالة الدولية؟

**هذه فرصتك لمشاركة خبراتك وإلهام زملائك!**

### الموضوعات:

- تقنيات دراسة
- تجربة البحث العلمي
- العمل التطوعي و التأثير المجتمعي
- استراتيجيات النجاح في الامتحانات الدولية

### لمذا تشارك؟

تعزيز سيرتك الذاتية و تطوير مهارات الإلقاء و العرض و التواصل مع زملائك في المجال الطبي



مهتم؟ امسح الرمز  
Interested?  
Scan the QR code

Deadline 09/03/2025 آخر موعد للتقديم:

**Take the stage and make your voice heard!**  
شارك بقصتك و اجعل صوتك مسموعا!



# Groups of Interest for Medical Students

## Interested in joining specialized student groups with a scientific focus?

We offer you the chance to be part of groups in various medical subspecialties, including:

- Orthopedic Surgery
- Endocrinology
- Gastroenterology
- Nephrology
- Ophthalmology
- Radiology
- Basic Medical Sciences
- Neurology, Rheumatology
- Mental Health and Psychology, Artificial Intelligence
- And many more!

Under the supervision of specialized faculty members, you will have the chance to:

- Organize scientific and awareness activities
- Enhance your research and leadership skills
- Participate in workshops and scientific conferences
- Explore specialized fields that will guide you towards your academic or professional future path

Join the group that matches your interests and start developing your scientific and professional skills today!

Use the QR code or press on [this link](#) for the online registration form

For suggestions, and more details, please send an email to the dean's assistant for student affairs: [dua@hu.edu.jo](mailto:dua@hu.edu.jo).

or contact on Microsoft Teams:  
[dua@staff.hu.edu.jo](mailto:dua@staff.hu.edu.jo)

Please note that every student has the right to register.



# إحدى الفرص الجديدة التي تطرحها الكلية لطلبتها - الإنضمام لمجموعات الاهتمام

هل ترغب في الانضمام إلى إحدى المجموعات الطلابية ذات الاهتمامات العلمية المتخصصة؟

تقدم كلية الطب البشري في الجامعة الهاشمية فرصة للمهتمين من طلبةها ليكونوا جزءًا من مجموعات اهتمام متخصصة في مجموعة من المجالات الطبية الفرعية مثل:

- جراحة العظام
- الغدد الصماء
- الجهاز الهضمي
- أمراض الكلى
- العلوم الطبية الأساسية
- الأشعة
- الأمراض الجلدية
- الجهاز العصبي
- الصحة العقلية، الذكاء الاصطناعي، وغيرها من التخصصات الطبية.

حت إشراف أعضاء هيئة التدريس المختصين، ستتمكن من:

- تنظيم فعاليات علمية وتوعوية
- تعزيز مهاراتك البحثية والقيادية
- الانخراط في ورش العمل والمؤتمرات العلمية
- اكتشاف مجالات تخصصية تساعدك في تحديد مسارك الأكاديمي أو المهني المستقبلي

انضم الآن إلى المجموعة التي تتناسب مع اهتماماتك، وابدأ في تطوير مهاراتك العلمية والمهنية

يمكنكم استعمال رمز QR، او [هذا الرابط](#) من أجل نموذج التسجيل



للاقتراحات والمزيد من التفاصيل، يرجى إرسال بريد إلكتروني إلى مساعد

العميد لشؤون ارشاد

د. دعاء قطيش

dua@hu.edu.jo :

أو التواصل على Microsoft Teams:

[dua@staff.hu.edu.jo](mailto:dua@staff.hu.edu.jo)

مع العلم أن لكل طالب الحق في التسجيل

# News Headlines

## Training Course on Licensing Renewal and Continuous Professional Development

On Thursday, January 23, 2025, the Education and Training Department / Continuing Education Division organized a training course titled: "Licensing Renewal System for Healthcare Professionals and Continuous Professional Development (CPD)". The course, officially accredited for three CPD hours, was recognized by the Jordan Medical Council (for physicians and pharmacists), the Jordanian Nursing Council, and the Higher Health Council. This initiative reflects the commitment to ongoing professional development and ensuring that healthcare professionals stay up to date with licensing requirements and best practices in their fields.



## Training Course on Pain Management Held at Prince Hamzah Hospital

On Wednesday, February 22, 2025, the Education and Training Department at Prince Hamzah Hospital, in collaboration with Princess Tharwat College, organized a training course titled: "Pain Management". The course was delivered by Dr. Shatha Khaled Haif, a clinical pharmacist from the Department of Pharmacy at Princess Tharwat College, and was designed for nurses and pharmacists. The training is officially accredited for three Continuous Professional Development (CPD) hours, contributing to the renewal of professional practice licenses.



## Specialized Training Course for Medical Laboratory Technicians

The Education and Training Department, in collaboration with the Laboratory Department, organized a specialized training course titled: "Capacity Building for Medical Laboratory Technicians". The course was held over two days, Wednesday and Thursday, January 15–16, 2025, at the Electronic Library. It featured a series of diverse lectures aimed at enhancing the skills of medical laboratory professionals. The training is officially accredited for four Continuous Professional Development (CPD) hours by the Jordanian Nursing Council, the Jordan Medical Council, and the Higher Health Council.



اقرار اسس وسياسات جديده في الكليه ويمكن الاطلاع عليها في  
موقع الكليه

# News Headlines

## Training Course on Essentials of Electrocardiography (ECG) Conducted

The Education and Training Department / Continuing Education Division organized a training course titled: "Essentials of Electrocardiography (ECG)". The course took place on Monday and Tuesday, January 20–21, 2025, and was designed for healthcare professionals from various relevant departments. The training is officially accredited for four Continuous Professional Development (CPD) hours, contributing to professional license renewal.



## Basic Life Support (BLS) Training Course Conducted

On Wednesday, January 8, 2025, the Education and Training Department / Continuing Education Division organized a training course titled: "Basic Life Support (BLS)". The course was held at the Training and Studies Center and targeted employees from various departments. The training is officially accredited for three Continuous Professional Development (CPD) hours, contributing to professional license renewal.



# Selected Research of the Month

Amin, S.N., Aolymat, I., Hosny, S.A. et al. **Comparing the Effect of Heat Therapy and Mitochondrial-Targeted Antioxidants in Polycystic Ovarian Syndrome Phenotype Induced by Junk Food Consumption.** *Reprod. Sci.* 32, 343–357 (2025). <https://doi.org/10.1007/s43032-024-01755-w>

Qatatsheh AA, Amr R, Alkhatib B, et al. **Selenium Status and Dietary Correlations in Healthy Jordanian Adults: A Population-Based Study.** *Acta Biomed.* 96(1):16662. doi:10.23750/abm.v96i1.16662

Bakkar, S., Chorti, A. & Papavramidis, T. **Immediate Repair of the Recurrent Laryngeal Nerve During Thyroid Surgery Via a Tension-Free End-To-Side Anastomosis With the Vagus.** *Updates Surg* (2025). <https://doi.org/10.1007/s13304-025-02095-3>

Alkousheh H, Alkousheh Y, Qawaqzeh R, et al. **The Hidden Cost of Digital Learning: A Cross-Sectional Study Assessing The Prevalence of Computer Vision Syndrome (CVS) Among Medical Students in Jordan.** *BMJ Open* 2025;15:e093939. doi: 10.1136/bmjopen-2024-093939

Rjoop A, Al-Qudah M, et al. **Awareness and Attitude Toward Artificial Intelligence Among Medical Students and Pathology Trainees: Survey Study.** *JMIR Med Educ* 2025;11:e62669. doi: 10.2196/62669

Al-Momani, H., Nelson, A., Al Balawi, H. et al. **Assessment of Upper Respiratory and Gut Bacterial Microbiomes During COVID-19 Infection in Adults: Potential Aerodigestive Transmission.** *Sci Rep* 15, 1811 (2025). <https://doi.org/10.1038/s41598-025-85806-5>

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