

Dr. Bushra Abdul-Hadi

(Associate Prof.)

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**Education:**

**2021-Jan. Associate Prof.**

**2019- Assistant Prof. Category B to Category. A**

**2013- Assistant Prof**

**2013**- **PhD** / Clinical Pharmacy & Pharmacotherapy & Pharmacology

Semmelweis University

**Budapest – Hungary** (English program)

**1995**- **Master** / Clinical Pharmacy & Pharmacotherapy & Pharmacology

Albert Szent Gyorgyi Medical University

**Szeged – Hungary** (English program)

**1993**- **B.Sc.**/ Pharmacy

Albert Szent Gyorgyi Medical University /Faculty of Pharmacy

**Szeged – Hungary** (English program)

**Research interests**:

**PhD:** (Anesthesia/ Utilization of Ketamine in spinal fusion, scoliosis, laminectomy surgery, introducing the pharmaceutical care program), clinical pharmacy.

**Master:** (Obstetrics and Gynecology/ Drug utilization study during pregnancy) clinical pharmacy.

**Professional experience**

**(2024 to date)** Incorporate advanced **AI tools** to create engaging lectures, accelerate thesis review, and ensure high-quality academic writing

**(2023- to date) Supervision of Master's students’ theses** at J P

University

**(2023- to date)** Teaching (**Advanced clinical pharmacology and therapeutics) for Master's Program** at J P University

**(2022- to date) Jerash Private University**

**(2022- to date**) Have experience in **blended teaching**

**(2020- to date)** Have experience with distance learning (**Zoom, Teams model)**

**(2020-2021)** Prepare for local **Quality assurance, and the American (ACPE)**

**(Sep. 2020- Sep 2021) Middle East University**, Amman, Jordan

**(2018-2019)** Design a full study plan (syllabus) for the new specialty in **Aesthetics and Cosmetics new specialty** **at Al-Ahlyyah Amman University**.

**(2017-018) Teaching Master courses** (clinical psychopharmacology) at **Al-Ahlyyah Amman University, Amman- Jordan**

**(Sep. 2016- Sep 2020) Al-Ahlyyah Amman University**, Amman- Jordan

**(June 2013- 2016) Philadelphia University**, Amman- Jordan (Assistant Prof)

**(Sep.2000- 2013) Philadelphia University**, Amman- Jordan (lecturer)

**Teaching as a part-time:**

**(2016-017)** Two semesters at **Middle East University** / **part-time**

**(2015-016) Summer** semester at Al-Ahlyyah Amman University

**(2013-014) Summer** semester at Al-Ahlyyah Amman University

**Teaching courses**

**Master courses:**

-Advanced clinical pharmacology and therapeutics for the Master's Program

-Clinical Psycho-Pharmacology, Advanced Pharmacology, and Pharmacotherapy

**BSc courses at the Faculty of Pharmacy**:

I, II, & Advanced Pharmacotherapy

I, II & III Therapeutics & Pharmacotherapy

Hospital pharmacy, Community pharmacy, public health, Toxicology, Anatomy, Physiology, Ethics of pharmacy

\* Laboratory: Pharmacotherapy and Pharmacology.

**Faculty of Nursing**: Pharmacology, Anatomy

**Early/ and other experiences**

**Clinical Skin Care Advisor** and **Aesthetic Medicine Specialist**.

Registration supervisor and regulatory affairs manager at **Jarzeem Drug Store**

Registration supervisor and regulatory affairs manager at **Ram Industry**/ Jordan

**Al-Haj Abed Company/Derma Line.**

**Public Pharmacy/Hungary**

**Papers Accepted for Publication**

**Roa’a Al-boqai, Bushra Abdel-Hadi.** "A Pilot Randomized Controlled Trial on Improving Pain Management, Opioid Safety, and Patient Outcomes in Elderly Orthopedic Trauma Surgery: The Role of Clinical Pharmacists in Perioperative Care". at **JJPS May -3-2025.**

**Shellan Hakam Al-Dwairi , Bushra Abdel-Hadi**. "Gender-Based Variability in Isotretinoin-Induced Side Effects: A Retrospective Analysis of Liver Enzymes, Lipid Profiles, and Hematologic Parameters in Acne Vulgaris Treatment" at **JJPS May-3 -2025**

**Published papers**

**Bushra Abdel-Hadi**, Sami Raid Abdel-Fattah. Clinical pharmacist intervention in Appendectomy - Dexmedetomidine as an adjunct therapy. Journal of Advanced Pharmacy Education & Research | **Apr-Jun 2022** | Vol 12 | Issue 2

Husni Farah**, Bushra Abdul-Hadi**, Jehad F. Alhmoud1, Atef Al-Othman Treatment of vitamin B12 deficiency in elderly decreases the high level of lipid parameters: A retrospective study. INTERNATIONAL JOURNAL OF RESEARCH IN PHARMACEUTICAL SCIENCES.**May2021**

[**Bushra Abdul Hadi**](https://pubmed.ncbi.nlm.nih.gov/?term=Abdul+Hadi+B&cauthor_id=31406463), [Saleh M Sbeitan](https://pubmed.ncbi.nlm.nih.gov/?term=Sbeitan+SM&cauthor_id=31406463), [Ashok K Shakya](https://pubmed.ncbi.nlm.nih.gov/?term=Shakya+AK&cauthor_id=31406463). Fentanyl vs Fentanyl-Dexmedetomidine in Lumbar Foraminotomy Surgery. **Ther Clin Risk Manag**.**2019** Jul 15;15:885-890.

**B. A. Hadi**, S. M. Sbeitan, Ashok sh. Dexmedetomidine infusion prevents significant postoperative pain in the first 24 hours after myomectomy laparoscopic surgery at **Acta Polonia**. **Jan. 2018**(75):183-188

**B. A. Hadi**, S. M. Sbeitan. Clinical pharmacy intervention post tonsillectomy: a randomized control trial**. Int J Clin Pharm.** **Springer** (**2015**) Feb. 37:133–138

**Hadi BA**, Daas R, Zelko R. A randomized, controlled trial of a clinical pharmacist intervention in microdiscectomy surgery- low dose intravenous ketamine an adjunct to standard therapy. **S P J. Elsevier** B.V. **2013** April; 21(2):169-75

**Hadi BA**, Al Ramadani R, Daas R, Naylor I, Zelkó R. Remifentanil in combination with ketamine versus remifentanil in spinal fusion surgery-a double blind study. **Int J Clin Pharmacol Ther. 2010 Aug**; 48(8):542-8.

**Hadi BA**, Al Ramadani R, Daas R, Naylor I, Zelko R, Saleh M. The influence of anaesthetic drug selection for scoliosis surgery on the management of intraoperative haemodynamic stability and postoperative pain – pharmaceutical care programme. **SAJAA**. **2009**; 15(5): 10-14

**B. Abdul Hadi**, J. Török, G. Mezey. Drug utilization during pregnancy. **Acta Pharmaceutica Hungarica**. May **1995**, 69-75

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**Articles Submitted**

Advancing Neurosurgical Anesthesia: A Systematic Review of Dexmedetomidine as an Anesthetic Adjuvant

**Working on new Papers**

"Pharmaceutical intervention trial on the effects

of various supplements tablets on the flare-up of Familial Mediterranean

Fever during menstruation".

Assessment of Community Pharmacists' Knowledge & Practices, Physicians' Prescription Attitudes, and Patient Awareness Regarding Probiotics and Prebiotics in Jordan.

**Serve as a referee for:**

**PLOS ONE (Jan 2025):** Validation and adaptation of The Arabic version of Health-Related Quality of Life with Six Domains (HRQ-6D): A Factor and Rasch analyses study

BMC Anesthesiology **August.2024** "Study on the improvement of pain caused by lidocaine combined with esketamine in elderly patients receiving local anesthesia with percutaneous kyphoplasty"

**Clinical Drug Investigation**

**June.2024** "Risk of congenital anomalies with Dolutegravir based anti-retroviral regimens: A systematic review and meta-analysis".

**Indian Journal of Anaesthesia**

**April 2024** "Drug Dosage Computing System for Control of Anaesthetic and Hemodynamic Variable".

**ICSR'2023 -22-23 August 2023, at Jerash University / Jordan**

For different clinical pharmacy articles

**Innovation Arabia 9 (IA9), annual conference 2016.**  Establishing a Program Protocol: A Community-Based Nursing Home Visit Program for Princess Nourah Bint Abdulrahman University in Saudi Arabia

**Indian Journal of Anaesthesia**

Aug. ,**2015** “Addition of dexmedetomidine to paediatric cardiac catheterization sedation protocol”

**Indian Journal of Anaesthesia**

June,**2015** “A pilot study performed in phrenic nerve-rat diaphragm preparation”

**Innovation Arabia 8 (IA8), annual conference 2015.**Eating Disorders Prevalence and Determents in UAE among Emirati Young Females.

**Journal of Neurosurgical Anesthesiology**

**Sep 24, 2014** "COMPARISON OF LOW DOSE KETAMINE AND DEXMEDETOMIDINE INFUSION FOR POST-OPERATIVE ANALGESIA IN SPINE SURGERY - A PROSPECTIVE RANDOMIZED DOUBLE-BLIND PLACEBO CONTROLLED STUDY"

**Journal of Managed Care Pharmacy**

September 15, **2013.**"Missed Opportunities for HIV Screening in Pharmacies and Retail Clinics"

**Journal of Managed Care Pharmacy**

In April 9, **2012** "Clinical pharmacist is a key member of the antimicrobial multidisciplinary team"

**British Journal of Clinical Pharmacology**

In December 12, **2011** 'Intracerebroventricular opioids forintractable pain' manuscript

**African Journal of Pharmacy and Pharmacological Research**

In May 24, **2011** "Assessment of drug Therapy intervention by clinical pharmacist in a Tertiary care Hospital" manuscript

**Indian Journal of Anaesthesia**

InApril 20**, 2011** '“Is Sublingual Nifedipine Justified as Premedication: Where is the Evidence?”' manuscript

**Indian Journal of Anaesthesia**

In February 16, **2011** "PREVENTIVE ANALGESIA: EFFECT OF SMALL DOSE OF KETAMINE ON MORPHINE REQUIREMENT AFTER RENAL SURGERY" manuscript

**Yonsei Medical Journal**

In September 15, **2010** "The Appropriate Dosage and Efficacy of Remifentanil as an Adjunct for Spinal Anesthesia in Elderly Patients" manuscript

**Serve as a Supervisor for master's students at Jerash University with the following thesis (2023-2025):**

* Comparative Evaluation of Antidiabetic Drugs as Off-Label Treatments for Weight Loss: A Cross-Sectional Study Among Patients and Pharmacists in Jordan
* Identifying Potential Drug-Drug Interactions in Elderly Diabetic Patients in Jordan: A Retrospective Approach
* A Retrospective Cohort Study Comparing Empirical and Culture-Guided Antibiotic Therapy in Hospitalized Patients with Diabetic Foot Infections.
* Community pharmacists' opinions and associated factors regarding the continuous professional development program in Jordan
* Role of Pharmacists in the evaluation of prescription errors in Government Health Center in Jerash, Jordan
* Side effect profile of patients on isotretinoin:A retrospective observational cohort study
* Assessment of Community Pharmacists' Competence and Investigating Trends in Prescription Probiotic and Prebiotic Usage, Incorporating Patient Awareness
* Assessment of community pharmacists' knowledge about different types of magnesium supplements
* The Role of Clinical Pharmacists in Improving Pain Management for Orthopedic Trauma Patients Undergoing Surgery: A Randomized Controlled Study
* Community pharmacist's expertise in IUD counseling: A cross-sectional study
* Knowledge, Attitude, and Practice of Pharmacists Regarding Menaquinone (Vitamin K2): A Community Pharmacies-Based Survey in Irbid Governorate

# **Serve as external examiner for master's students at different universities in Jordan (Al-Balqaʼ Applied University &Al-Zaytoonah University).**

**Serve as internal examiner for master's students at Jerash Private University (August 2024 up to date)**

**Award received**

Different awards from Jerash Private University (2022- UpToDate)

Certificate of appreciation from **Injaz Organization/Jordan-2016**

Letter of appreciation by: John Mackowiak,JMCP Editor-In-Chiefto attend a reception honoring reviewers (Thursday, October, 9/**2014,** 5:45-7:00 PM

Hynes Convention Center, Room 204, Boston

Letter of appreciation by: John Mackowiak,JMCP Editor-In-Chiefto attend a reception honoring reviewers (Thursday, April, 3/**2014**6:00-7:30 PM

Tampa convention center, Room 03, Florida

Letter of appreciation by John Mackowiak, JMCP Editor-In-Chief to attend a reception honoring reviewers (Thursday, October, 17/**2013**5:30-6:30 PM

Henry B. Gonzalez, Convention Center, Room 201, San Antonio, Texas

Letter of appreciation from JMCP to *JMCP* Peer Reviewers**,** Pages: 464-465 first part of 2012 *JMCP* July/August **2012** Volume 18 Issue 6

Letter of appreciation from Philadelphia University for giving lecture entitled "health care in Jordan for students from Cornell University - New York- **2011**

Letter of appreciation from the Royal Health Awareness Society for giving 12 lectures- year **2009-2010**

Letter of appreciation from Philadelphia University for giving 12 lectures belonging to the Royal Health Awareness Society for giving 12 lectures year **2009-2010**

Letter of appreciation from the Jordan Pharmacists Association for giving a lecture in the continuous education course in the pharmacy association (drug–food interaction for hypothyroidism case), 1 August **2009**

Letter of appreciation from the Jordan Pharmacists Association for giving a lecture in the pharmacy association for KAFA, 29 July **2009**

Letter of appreciation from the Jordan Pharmacists Association for giving a lecture in the workshop day held in the Radisson SAS hotel /Amman on 19 Dec.**2008** about the importance of patient counseling.

letter of appreciation from the Specialty hospital, Jordan, for giving a clinical pharmacy course for hospital pharmacists in Jordan held in the Specialty Hospital/Queen Rania lecture room (April-October **2003**)

Letter of appreciation from the Jordan Pharmacists Association for giving the following lecture: - (The different uses of PG-E Analogs Clinically) in **2002.**

**Podium Conferences**

Dexmedetomidine versus fentanyl in microdiscectomy surgery – double blind controlled trial for clinical pharmacist intervention. 3rd World Congress of Clinical Safety (3WCCS), at Ayre Gran Hotel Colon in **Madrid**, **Spain**10- 12 September **2014.**

The clinical pharmacist role in anesthesia – a double blind study. The Third Kuwait International Pharmacy Conference (KIPIC 2011) 14-16 February **2011**. Radisson Blue /**Kuwait.**

Remifentanil in combination with ketamine versus remifentanil in spinal fusion surgery – a double blind study. The 13th Jordan pharmacist conference, 22-24 April **2010**, Landmark **Amman-Jordan**

A drug utilization study during scoliosis surgery - an analysis of the past to optimize drug use in the future. A poster presentation at the world congress of Pharmascifar June 8- 12 **2009**. Held in **Nice- France**

The different uses of PG-E Analogs Clinically. A poster presentation at the world congress of pharmacy **2004**/2ed international Congress of LAU international clinical Conference Optimizing Pharmaceutical Care held in **Beirut-Lebanon**

The different uses of PG-E Analogs Clinically. A poster presentation at the world congress of pharmacy **2003**/2ed international Congress of Royal Jordanian Medical Services held in LeRoyal **Amman-Jordan**

Drug utilization study during pregnancy. Poster presentation at the world congress of pharmacy **1994**/54 international Congress of FIP held in **Lisbon-Portugal**

**Attending conferences**

**A large number of conferences in Jordan and abroad, live and online.**

**Attending conferences (24-25)**

* **Hashmi university April 25- 2024 (( EXPLORING NEW FRONTIERS IN PHARMACEUTICAL SCIENCE ))**
* At Jerash University 21\05\2024

**التطوير المهني المستمر: التطبيقات والأدوات الحديثة في الممارسة الصيدلانية))**

**Completed Programs& Courses**

**Aug. 2024:** Advanced Diet& Nutrition Diploma at Challenge Academy, **Cairo/Egypt (not completed yet)**

**Feb. 2024:** Advanced Thread, Botox, and Filler, and skin boosters’ courses at I Thread Academy, **Cairo/Egypt**

**Feb. 2023:** Advanced Thread, Botox, and Filler courses at I Thread Academy, **Cairo/Egypt**

**Dec. 2021:** Hair Transplantation Training Program at the American Association Continuing Medical Education & the International Medical Association, **Cairo/Egypt**

**Dec. 2021:** Advanced Thread and Filler courses at I Thread Academy, **Cairo/Egypt**

**2020-21:**5D HIFU, Derma pen, PRP centrifugations, Hydra-facial operating course online, **Cairo/Egypt**

**March 2019 Social media** course **Amman/Jordan**

**Jan. 2019** -Earned advanced course in **skincare and aesthetics** (Botox, filler, miso all types, and P.R.P. skin and scalp applications, HIFU application, thread application, derma pen) at MED academy **Cairo/Egypt**

**April. 2018** -Earned a basic course in **skincare and aesthetics** (Botox, filler, miso all types, and P.R.P., different applications), **Amman/Jordan**

(**2018- 2019**)

**January. 2016** Earned a basic course in **General Skincare**

**2003** Completed **4 programs** at Pharmacy Times/ Ascend Media Office in the following 4 subjects:-

1. The role of Gastro protection in patients on NSAID Therapy

2. 10 Strategies to Reduce Medication Errors

3. Asthma Treatment Guidelines and Use of Inhalers

4. The ABCs of Asthma Management

**Professional Memberships & Activities**

**Clinical Skin care advisor and supervisor.**

(Provide multi-skincare services, and lectures for different academies in collaboration with laboratories as well)

**Jordanian Association for Pharmacists**

**Examiner committee member for the board exam** for the Jordan Pharmacists Association (Since **2007** up to date

**Jordanian Association for Pharmacists** (Member of the social committee, and the female pharmacist affairs and women's committee)

Federation International Pharmacy (**FIP**-Netherlands)

Member of the **AIDS** fighting committee/Jordan

The European Federation for Pharmaceutical Sciences **(EUFEPS)**

Gave many lectures and continuous education training courses at the **Jordanian Association for Pharmacists**

Wrote many **articles** for **the Philadelphia Journal** and **Al-Ghad newspaper, and JORDAN NEWS (UPTODATE)**

**Member of the** Scientific Research Committee, Quality Assurance Committee, Students’ Ethical Committee, Library Committee, Internet Page Committee

**Other Memberships and activities**

-An administrative authority of the **Alumni Hungarian club,** which belongs to the **Hungarian embassy** in Jordan.

-President of the Social Committee at **Philadelphia University** (2006-2016)

-Royal **Automobile Club**, **Sheraton health club**, **Art of living center**, **Reiki Jo club**, and The Jordanian **Thai center** meditation and self-development.

**Nonprofessional given courses**

**23 Nov- 9 Dec. 2014** Yes, women's course **Amman/ Jordan**

Aim to build a high personality for women

**Languages& other skills**

* + - Arabic, English, Hungarian
    - Completed the **ICDL** Computer Course
    - Completed courses in e-marketing
    - Completed basic and advanced courses of AOL and DSN,
    - Earned Reiki Master Degree
    - Basic, advanced, manifestation and abundance, and karma breakthrough Theta healing courses
    - Attend workshop for **Robin Sharma** (lead without title), on 31 October **2009**, Hiat Amman/Jordan.