

Curriculum Vitae

Name Rowa' Jamal Abdul Hafeez AL-Ramahi

Personal Info. Marital status: Married
Nationality: Palestinian
Date of birth: 09/06/1976
Gender: Female

Address Department of Pharmacy
Faculty of Medicine and Health Sciences
An-Najah National University
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Education

[1993-1994] **Secondary School Degree**
Salfeet Secondary School
Average: 98.1%, the third highest average in Palestine

[1994-1999] **B.Sc. in Pharmacy**
An-Najah National University, Nablus, Palestine
Average: 95.1%, rating: A, the highest average among all the University graduates that year

[2001-2003] **M.Sc. in Clinical Pharmacy**
Jordan University for Science & Technology, Irbid, Jordan
Average: 90.7%, the first rank

[2006-2009] **Ph.D. in Clinical Pharmacy**
University Sains Malaysia, Penang, Malaysia

Work Experience

- [1999-2001] **Teaching and Research Assistant**
Faculty of pharmacy, An-Najah National University
- [2003- 2006] **Instructor**
Faculty of pharmacy, An-Najah National University
- [2009-2015] **Assistant Professor of Clinical Pharmacy**
Faculty of pharmacy, An-Najah National University
- [2011-2016] **Head of Pharm D program**
An-Najah National University
- [2012-2016] **Head of Clinical and Community Pharmacy Division**
An-Najah National University
- [10/2015-2021] **Associate Professor of Clinical Pharmacy**
An-Najah National University
- [2021-now] **Full Professor**
An-Najah National University

Training Experience

- [Jan. 2013] Training course in e-learning and using Moodle. An-Najah National University
- [Nov. 2007] "Good Clinical Practice Workshop". Clinical Research Centre, Penang Hospital
- [Dec. 2006] Training course in "Statistical Analysis and SPSS". Universiti Sains Malaysia
- [2002-2003] Clerkships in internal medicine and surgery as a partial fulfillment of M.Sc. Degree. Jordan University of Science and Technology
- [Aug. 2000] Training course in "Good Manufacturing Practice GMP/Good Lab Practice GLP". An-Najah National University

Publications

1. Abdel Naser Zaid, Rowa Al Ramahi, Alaaldin AlKilany, Nawaf Abu-Khalaf, Maher El Kharouf, Dana Abu Dayeh, Leena Al-omari, Mohammad Yaqoup. Following drug degradation and consequent taste deterioration of an oral reconstituted paediatric suspension during dosing interval via electronic tongue. Saudi Pharmaceutical Journal 2022. In press. **Impact factor: 4.33**
2. **Rowa' Al-Ramahi**, Sa'ed Zyoud, Aya Al-haj, Aya Bitar, Diana Bakkar, Mai Bzour, Qamar Maqboul, Sarah Aqqad. Factors Associated with Nonadherence to Life Style Modifications among Type 2 Diabetes Mellitus Patients: A Cross-sectional Study from Palestine. Palestinian Medical and Pharmaceutical Journal (PMPJ). 2022; 7(1): 00-00. **Scopus indexed**
3. **Rowa' Al-Ramahi**, Dalia Nazzal, Dalal Mustafa, Eman Halabi, Samah Gnimat, Sara Gayada. Evaluation of types, stages and treatment of breast cancer among Palestinian women. Palestinian Medical and Pharmaceutical Journal (PMPJ). 2020; 5(1): 35-40.
4. **Al Ramahi R**, Zaid AN, Abu-Khalaf N. Evaluating the potential use of electronic tongue in early identification and diagnosis of bacterial infections. Infection and Drug Resistance. 2019; 12:2445-2451. **Impact factor: 2.984.**
5. Zaid A, **Al Ramahi R**. Depigmentation and anti-aging treatment by natural molecules. Curr Pharm Des. 2019; 25(20):2292-2312. **Impact factor: 2. 475.**
6. Abu-Khalaf N, Zaid AN, Jaradat N, Alkilany AM, Abulatefeh SR, **Al Ramahi R**, Ghanem M. Identification of substandard drug products using electronic tongue: cefdinir suspension as a pilot example. Drug Des Devel Ther. 2019;13:3249-3258. **Impact factor: 3.208.**
7. **Rowa' Al-Ramahi**, Abd Al Naser Zaid, Abdullah Hindi, Abdulqader N'an'a. Evaluation of compliance to infection control protocols in the governmental hospitals in the West Bank/Palestine. Palestinian Medical and Pharmaceutical Journal (PMPJ). 2018; 3(1): 14-23.
8. Abu-Khalaf N, Zaid AN, Jaradat N, AlKilany A, Abu Rumaila B, **Al Ramahi R**, Shweiki S, Nidal S, Surakhi N. The taste of commercially available clarithromycin oral pharmaceutical suspensions in the Palestinian market: electronic tongue and in vivo evaluation. Sensors (Basel). 2018;18(2). **Impact factor: 2. 475.**
9. **Al-Ramahi R**, Hmedat B, Alnjajrah E, Manasrah I, Radwan I, Alkhatib M. Medication dosing errors and associated factors in hospitalized pediatric patients from the South Area of the West Bank - Palestine. Saudi Pharm J. 2017 ;25(6):857-860. **Impact factor: 3.11.**

10. Nidal Amin Jaradat, Abdel Naser Zaid, **Rowa Al-Ramahi**, Malik A. Alqub, Fatima Hussein, Zakaria Hamdan, Mahmoud Mustafa, Mohammad Qneibi, Iyad Ali. Ethnopharmacological survey of medicinal plants practiced by traditional healers and herbalists for treatment of some urological diseases in the West Bank/Palestine. *BMC Complementary and Alternative Medicine*.2017; 17:25. **Impact factor: 2.29**

11. **Rowa' Al-Ramahi**, Ala' Abed Alkhaleq, Anwar Malawani, Karama Laboom, Sana' Rajab, Sujood Kittani. The Present and Future of Pharmaceutical Care in Palestine: A Survey among Pharmacists. *Palestinian Medical and Pharmaceutical Journal (PMPJ)*. 2016; 1(2): 59-64.

12. **Rowa Al-Ramahi**, Bayan Namourah. Evaluation of Compliance to Treatment Guidelines and Goals of Therapy among Palestinian Hemodialysis Patients. *Palestinian Medical and Pharmaceutical Journal (PMPJ)*. 2016; 1(1): 15-24.

13. **Al-Ramahi R**, Raddad AR, Rashed AO, Bsharat A, Abu-Ghazaleh D, Yasin E, Shehab O. Evaluation of potential drug- drug interactions among Palestinian hemodialysis patients. *BMC Nephrol*. 2016;17:96. **Impact factor: 2.29**

14. **Rowa' Al-Ramahi**, Abdelnaser Zaid, Amjad Hussein, Abeer Yaseen, Khloud Abdallah, Manal Odeh. Evaluation of Mothers' Practice in the Treatment of Children Diarrhea and Measurement of the Osmolality and PH of Some Oral Rehydration Solutions and Carbonated Beverages. *An - Najah Univ. J. Res. (N. Sc.)*; 30(2), 2016

15. Zaid AN, Ghanem M, Shweiki D, Shtewi H, Shaheen R, Al Helaly S, Khayyat Z, **Al Ramahi R**, Zyoud SH. In vitro and in vivo postmarketing surveillance of valsartan, alone or in combination with amlodipine or hydrochlorothiazide, among Palestinian hypertensive patients. *Ther Clin Risk Manag*. 2016; 12: 1425–1432. **Impact factor: 1.9**

16. Zaid AN, **Al Ramahi R**, Cortesi R, Mousa A, Jaradat N, Ghazal N, Bustami R. Investigation of the Bioequivalence of Rosuvastatin 20 mg Tablets after a Single Oral Administration in Mediterranean Arabs Using a Validated LC-MS/MS Method. *Sci Pharm*. 2016;84(3):536-546. **Impact factor: 1.07**

17. Jaradat NA, **Al-Ramahi R**, Zaid AN, Ayesh OI, Eid AM. Ethnopharmacological survey of herbal remedies used for treatment of various types of cancer and their methods of preparations in the West Bank-Palestine. *BMC Complementary and Alternative Medicine*. 2016; 16(1):93. **Impact factor: 2.02**

18. Jaradat NA, Shawahna R, Eid AM, **Al-Ramahi R**, Asma MK, Zaid AN. Herbal remedies use by breast cancer patients in the West Bank of Palestine. *Journal of Ethnopharmacology*. 2016; 178:1-8. **Impact factor:3.26**

19. **Al-Ramahi R**, Jaradat N, Shalalfeh R, Nasir S, Manasra Y, Shalalfeh I, Esam Y. Evaluation of potential drug- herb interactions among a group of Palestinian patients with chronic diseases. *BMC Complementary and Alternative Medicine*. 2015;15: 221. **Impact factor: 2.02**

20. Zaid AN, **Al Ramahi R**, Bustami R, Mousa A, Khasawneh S. Comparative fasting bioavailability of two clopidogrel formulations in healthy Mediterranean volunteers: an in vitro-in vivo correlation. *Drug Design, Development and Therapy*. 2015;9: 2359-65. **Impact factor: 3.03**

21. Naser Zaid AN, **Al Ramahi R**, Bustami R, Mousa A. Formulation and Bioequivalence of Two Sildenafil 50 mg Film-coated Tablets after a Single Oral Administration. *International Journal of Clinical Pharmacology and Therapeutics*. 2015;53(8):697-704. **Impact factor: 1.04**

22. **Al-Ramahi R**. Adherence to medications and associated factors: A cross-sectional study among Palestinian hypertensive patients. *Journal of Epidemiology and Global Health*, 2015;5(2):125-32.

23. **Al-Ramahi R**. Zaid AN, Anabousi H. Problems associated with reconstitution, administration, and storage of antibiotic suspensions for pediatrics: a cross-sectional study in Nablus city, Palestine. *BMC Res Notes*. 2015;8:760. **Impact factor: 1.42**

24. **Al-Ramahi R**, Jaradat N, Zaid AN, Vincieri FF, Asmaa M. Medicinal herbs and methodologies for their pharmaceutical compounding in the West Bank/Palestine. *Complementary Therapies in Clinical Practice*, 2014; 20(4):280-4.

25. Abdel Naser Zaid, Salam Natur, Aiman Qaddomi, Murad Abualahasan, **Rowa Al-Ramahi**, Nasr Shraim, Saed Khammash, Nidal Jaradat. Formulation and bioequivalence of two Valsartan/Amlodipine immediate release tablets after a single oral administration. *Pakistan Journal of Pharmaceutical Sciences*, 2014; 27 (4): 755-762. **Impact factor: 0.95**

26. Adas H, **Al-Ramahi R**, Jaradat N, Badran R. Assessment of adequacy of hemodialysis dose at a Palestinian hospital. *Saudi Journal of Kidney Diseases and Transplantation*. 2013;25(2):438-42.

27. **Rowa' Al-Ramahi**, Nidal Jaradat, Deema Adawi: Use of herbal Medicines during Pregnancy in a group of Palestinian women. *Journal of ethnopharmacology*.2013; 150 (1): 79-84. **Impact factor: 2.755.**

28. **Al-Ramahi R**. Patterns and attitudes of self-medication practices and possible role of community pharmacists in Palestine. *International Journal of Clinical Pharmacology and Therapeutics*. 2013;51(7): 562-7. **Impact factor: 1.18.**

29. Zaid AN, **Al-Ramahi R**, Abu Ghoush A. Weight and content uniformity of Lorazepam half-tablets: A study of correlation of a low drug content product. Saudi Pharmaceutical Journal. 2013; 21(1): 71-75. **Impact factor: 0.954.**
30. Zaid AN, **Al-Ramahi R**, Abu Ghoush A, Jaradat N, Musmar M. Frequency and attitudes of using hair dyes among Palestinian women. International Journal of Pharmacy and Pharmaceutical Sciences. 2013; 5 (2): 485-488.
31. Zaid AN, **Al-Ramahi R**. Knowledge and attitudes of Palestinian university students toward the use of sunscreens. Asian Journal of Pharmaceutical and Clinical Research. 2012; 5(3): 120-122.
32. Zaid AN, **Al-Ramahi R**, Abu Ghoush A, Malkieh N, Kharoaf M. Influence of physical factors on tablet splitting, weight and content uniformity of atenolol tablets. Journal of Pharmaceutical Investigations. 2012; 42(5): 229-234.
33. Zaid AN, Malkieh N, Kharoaf M, Abu Ghoush A, **Al-Ramahi R**. Formulation and stability evaluation of extemporaneously prepared atenolol capsules from crushed atenolol tablets. International Journal of Pharmaceutical Compounding. 2012; 16 (4): 342-346.
34. **Al-Ramahi R**. Medication prescribing patterns among chronic kidney disease patients in a hospital in Malaysia. Saudi J Kidney Dis Transpl. 2012; 23(2): 403 - 408.
35. **Al-Ramahi R**, Zaid AN, Kettaneh N, Jabi D. Attitudes of consumers and healthcare professionals towards the patient package inserts and assessment of their information - a study in Palestine. Pharmacy Practice. 2012; 10 (1): 57-63.
36. Zaid AN, Abu Ghoush A, **Al-Ramahi R**. Evaluation of the Discrepancy between the European Pharmacopoeia Test and an Adopted United States Pharmacopoeia Test Regarding the Weight Uniformity of Scored Tablet Halves: Is Harmonization Required? PDA Journal of Pharmaceutical Science and Technology. 2012; 66 (1): 20 - 27.
37. Abdel Naser Zaid, **Rowa' Al-Ramahi**, Qusai Shahed, Belal Saleh and Josephean Elaraj. Determinants and frequency of pharmaceutical compounding in pharmacy practice in Palestine. International Journal of Pharmacy Practice. 2012; 20 (1): 9 - 14.
38. Zaid AN, **Al-Ramahi R**, Abu Ghoush A. Appropriate use of oral drops: perception of health professionals and assessment of package insert information. International Journal of Clinical Pharmacology and Therapeutics. 2010; 48 (12): 854-859. **Impact factor: 1.18.**

39. **Rowa Al-Ramahi**. The Impact of a Renal Dosing Service on Dosage Adjustment in CKD. ISBN 978-3-8433-5079-2, LAP Lambert Academic Publishing AG & Co. KG.
40. Yahaya Hassan, **Rowa Al-Ramahi**, Noorizan Abd. Aziz, Rozina Ghazali. Adverse drug events in hospitalized patients with chronic kidney disease. *International Journal of Clinical Pharmacology and Therapeutics* 2010; 48 (9): 571-576. **Impact factor: 1.18.**
41. Yahaya Hassan, **Rowa Al-Ramahi**, Noorizan Abd. Aziz, Rozina Ghazali. Drug use and dosing in chronic kidney disease. *Annals, Academy of Medicine, Singapore* 2009; 38: 1095-1103. **Impact factor: 1.36.**
42. Yahaya Hassan, **Rowa Al-Ramahi**, Noorizan Abd. Aziz, Rozina Ghazali. Impact of a renal drug dosing service on dose adjustment in hospitalized patients with chronic kidney disease. *Annals of Pharmacotherapy* 2009; 43 (10): 1598-1605. **Impact factor: 2.56.**
43. Yahaya Hassan, Noorizan Abd. Aziz, **Rowa Al-Ramahi**. Handbook of Medication Dosing in Renal Failure for Healthcare Professionals. School of Pharmaceutical Sciences, Universiti Sains Malaysia. Penang. 2007.
44. Ansam Sawalha, Ghada Al-Bishtawi, Layla Al-Khayyat, Waleed Sweileh, **Rawa Al-Ramahi**, Nidal Jaradat. Pattern of parenteral antimicrobial prescription among pediatric patients in Al-Watani Government Hospital in Palestine. *An-Najah University Journal for Research (N.Sci)* 2006; 20: 193-208.
45. Waleed Sweileh, Nidal Jaradat, Moueen Elawee, Asaad Al-Shakhsheer, Ansam Sawalha, **Rawa Al-Ramahi**, Abed Al-Naser Zaid. Drug interactions and risk of bleeding among patients with atrial fibrillation (AF) discharged with Warfarin. *An-Najah University Journal for Research (N.Sci)* 2006; 20: 127-134.
46. Waleed Sweileh, Fatima Shkokani, Ansam Sawalha, **Rawa Al-Ramahi**, Nidal Jaradat, Abed Al-Naser Zaid, Ali Barakat. Prescribing pattern of angiotensin-converting enzyme inhibitors and beta-blockers after acute myocardial infarction. *Saudi Medical Journal* 2005; 26 (11): 1837-1839.
47. Abla Al-Bsoul, **Rawa Al-Ramahi**, Safaan Al-Safi. Frequency of anemia in pregnancy in Northern Jordan. *Saudi Medical Journal* 2004; 25 (10): 1525-1527.

Conferences:

Rowa' Al-Ramahi, Dalia Nazzal, Dalal Mustafa, Eman Halabi, Samah Gnimat, Sara Gayada. Evaluation of types and treatment protocols for breast cancer among Palestinian women: a retrospective study. *Lancet Palestinian Health Alliance (LPHA) conference in Beirut, 23/March/2018.*

Rowa' AL-Ramahi, Hamzeh Al Zabadi, Ghadeer Al Shareef. Evaluation of Medication Dosing Errors among Outpatient Pediatrics in Primary Health Care Centers in Nablus City. Poster presentation. Lancet Palestinian Health Alliance (LPHA) 2017 Conference, Birzeit University, 14/March/2017.

Supervision of many master thesis and graduation projects as:

1. Biological Agents for Hematological Malignancies: A Literature review. 2019
2. Adherence to Stress Ulcer Prophylaxis Guidelines in Intensive Care and Internal / Units: A Retrospective Study from Palestine. 2018
3. Use of Anticoagulants and Incidence of Venous Thromboembolism among Intensive Care Unit Patients: A Retrospective Study from Palestine. 2018
4. Ethnopharmacological Survey of Medicinal Plants Used by Traditional Healers and Herbalists for Weight Reduction in the West Bank/Palestine. 2018
5. Prevalence of Herb Use among Lactating Mothers: A Cross-sectional Study from Palestine. 2017
6. Evaluation of Types and Treatment Protocols for Breast Cancer: A Retrospective Cohort Study from Palestine. 2017
7. Evaluation of Neutropenia Prevalence and Treatment among Solid Cancer Adult Patients in Palestine: A Retrospective Study. 2017
8. Evaluation of Potential Drug- Drug Interactions in Elderly Patients in Palestine. 2017
9. Evaluation of Compliance to Disinfection, Sterilization and Infection Control Protocols in the Governmental Hospitals in the West Bank. 2016
10. Evaluation of Potential Adverse Drug Events in Oncology Patients. 2016
11. Evaluation of Iron Chelation Therapies for Thalassemia Patients in West Bank – Palestine. 2016
12. Factors Associated with Non - adherence to Life Style Modifications among Type 2 Diabetes Mellitus Patients in Palestine. 2016
13. Evaluation of Potential Drug- Drug Interactions among Palestinian Hemodialysis Patients. 2016
14. Evaluation of antibiotic utilization and antibiotic susceptibility patterns among hospitalized Palestinian patients. 2015
15. Assessment of drug prescribing patterns at Al-Watani governmental hospital/Nablus. 2015
16. Evaluation of medication dosing errors in hospitalized pediatric patients. 2015

Courses Taught

| | |
|--------------------------------------|---|
| Clinical pharmacy I | Clinical Clerkships I, II, III, IV, V, VI |
| Clinical pharmacy II | Clinical biochemistry |
| Infectious diseases | Clinical nutrition |
| Drug information | Pharmacotherapy III, IV |
| Drugs during pregnancy and lactation | Pharmacotherapy for master |

Research Interests

Drug utilization evaluation, issues in clinical pharmacy practice, drug compliance studies, pharmacoepidemiology and outcome research, drug safety, interactions and adverse drug events.

Scholarships, Awards and Grants

An-Najah National University Award for being the top student among university graduates in 1999.

The Palestinian American Research Center fellowship grant to conduct a post-doctoral research. 2011-2012

Excellent Leadership Award, Islamic Development Bank (IDB), 2012.

An-Najah National University Award for publications with impact factor, 2014, 2015, 2016, 2018 & 2019.

Palestinian Ministry of Higher Education grant to conduct a research related to using electronic tongue in diagnosis, 2018.

Languages: Arabic, Native Speaker. English, 253 in TOEFL (610: Paper Based)

Memberships

Member of Palestinian Pharmaceutical Association
Member of the university IRB (institutional review board)
Member of a committee for cooperation between university and private sector