



Mohammed Mahdi M Alsultan

Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 06 October 1991

Department | Pharmacy Practice, College of Clinical Pharmacy

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Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2022	Doctor of Philosophy (PhD), Health Outcomes, College of Pharmacy	University of Cincinnati	Ohio, USA
2019	Master of Science (MSc), Health Outcomes, College of Pharmacy	University of Cincinnati	Ohio, USA
2015	Doctor of Pharmacy (PharmD)	King Saud University	Riyadh, KSA

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD thesis	Effectiveness, Safety, And Utilization of Factor Xa Inhibitors and Warfarin in Obese Nonvalvular Atrial Fibrillation (NVAF) Patients Using Electronic Medical Records: A Propensity Score Matched Retrospective Cohort Study
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MSc thesis	Health Services Utilization and Associated Predictors Among Prostate Cancer Patients With and Without Depression in the United States From 2010 to 2015: A Propensity Score-Matched Cross-Sectional Study
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Professional Record: (Beginning with the most recent)

Job Rank	Place of Work			Date
Assistant Professor	Department of Pharmacy Practice	College of Clinical Pharmacy	IAU	Sept. 2022-Present
Lecturer	Department of Pharmacy Practice	College of Clinical Pharmacy	IAU	April 2022-Aug. 2022
Demonstrator	Department of Pharmacy Practice	College of Clinical Pharmacy	IAU	March 2016-March 2022
Pharmacist	National Pharmacovigilance and Drug Safety Centre	Drug Sector	Saudi Food and Drug Authority	Oct. 2015-Feb. 2016

Scientific Achievements

Published Refereed Scientific Researches (Publications):

(In Chronological Order Beginning with the Most Recent)

	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Alahmari, A. K., Almalki, Z. S., Albassam, A. A., Alsultan, M. M., Alshehri, A. M., Ahmed, N. J., & Alqahtani, A. M.	Factors Associated with Length of Hospital Stay among COVID-19 Patients in Saudi Arabia: A Retrospective Study during the First Pandemic Wave	Healthcare (2022)
2	Alsultan, M. M., & Guo, J. J.	Utilization, Spending, and Price of Opioid Medications in the US Medicaid Programs Between 1991 and 2019	American health & drug benefits (2022)



3	Mohammed M. Alsultan, Ana L. Hincapie, Rowena Schwartz & Jeff Jianfei Guo	Healthcare services expenditures among prostate cancer patients with and without mood disorders in the United States: A propensity score-matched cross-sectional study	Journal of Psychosocial Oncology (2021)
4	Al-Ruthia, Y. S., Mansy, W., Barasin, M., Ghawaa, Y. M., AlSultan, M., Alsenaidy, M. A., ... & AlGhadeer, S	Shortage of psychotropic medications in community pharmacies in Saudi Arabia: Causes and solutions.	Saudi Pharmaceutical Journal (2017)

Published Refereed Scientific Researches (Peer-Reviewed Abstracts):

(In Chronological Order Beginning with the Most Recent)

	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Alsultan M. M, Hincapie A, Wigle P, Diego C, Lin A, Guo JJ	Real-World Safety of Factor Xa Inhibitors and Warfarin in Obese and Morbidly Obese Nonvalvular Atrial Fibrillation (NVAF) Patients using a University Health Center Electronic Medical Record Database in the United States (US)	38 th International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Copenhagen, Denmark, August 2022.
2	Alsultan M. M, Hincapie A, Wigle P, Diego C, Lin A, Guo JJ	Utilization of Factor Xa Inhibitors and Warfarin in Obese Nonvalvular Atrial Fibrillation (NVAF) Patients: Analysis of University Health Center Electronic Medical Records in the United States (US)	38 th International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Copenhagen, Denmark, August 2022.



3	Alsultan M. M, Guo JJ	Effectiveness and safety of edoxaban and warfarin in nonvalvular atrial fibrillation patients: A meta-analysis of real-world studies	37 th International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Seattle, Washington, USA, August 2021.
4	Alsultan M, Hincapie Ana, Schwartz R, Guo JJ	Associated Predictors of Healthcare Expenditures Among Prostate Cancer Patients With And Without Depression In The United States From 2010 To 2015: A Propensity Score-Matched Cross-Sectional Study	25th International Society for Pharmacoeconomic and Outcomes Research, New Orlando, FL, USA, May 2020.
5	Alsultan M, Guo JJ	Trends in Utilization, Spending, And Prices of Opioid Medications in The US Medicaid Programs 1991 – 2017	24th International Society for Pharmacoeconomic and Outcomes Research, New Orleans, LA, USA, May 2019.
6	Alsultan M, Hincapie Ana, Schwartz R, Guo JJ	Health Services Utilization and Expenditures Among Prostate Cancer Patients With And Without Depression in The United States From 2010 To 2015: A Propensity Score-Matched Cross-Sectional Study	24th International Society for Pharmacoeconomic and Outcomes Research, New Orleans, LA, USA, May 2019.
7	Alsultan M, Guo JJ, Schwartz R	Veno-occlusive Disease (VOD) Associated with Gemtuzumab Ozogamicin (GO) and Inotuzumab Ozogamicin: Analysis of The FDA Adverse Event Reporting System	23rd International Society for Pharmacoeconomic and Outcomes Research, Baltimore, MD, USA, May 2018.



8	Alkelya M, Alsultan M	Exploring Antimicrobial Drugs Utilization Review Programs in Saudi Hospitals	22nd International Society for Pharmacoeconomic and Outcomes Research, Boston, MA, USA, May 2017.
9	Alsultan M, Alkelya M	The Role of Pharmacy Information Systems, Formulary Arrangement, Supply Chain and Distribution System to Improve Patients' Access to Prescription Drug in Saudi Hospitals: A Cross-Sectional Descriptive Study	19th International Society for Pharmacoeconomics and Outcomes Research, Annual European Congress, Vienna, Austria, November 2016.
10	Alsultan M, Alkelya M	Medication Safety Infrastructure at Saudi Hospitals: A Descriptive Cross-Sectional Pilot Study	32nd International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Dublin, Ireland, August 2016.
11	Alkelya M, Alsultan M	Drug Utilization Review Program in Saudi Hospitals: Enabling Factors and Implementation	21st International Society for Pharmacoeconomics and Outcomes Research, Washington, DC, USA, May 2016.
12	Alkelya M, Alsultan M	Pharmacy Information System in Saudi Hospitals- How Far Is It to Meet Pharmacy Benefit Management Program Requierments?	18th International Society for Pharmacoeconomics and Outcomes Research, Annual European Congress, Milan, Italy, November 2015.



13	Alkelya M, Alenezi MG, Alsultan MM, AlJeraisy M	The Characteristics of Pharmacy and Therapeutic Committees in Saudi Hospitals.	20th International Society for Pharmacoeconomics and Outcomes Research Philadelphia, PA, USA, May 2015.
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Current Research

#	Research Title	Name of Investigator(s)
1	Real-World Safety of Factor Xa Inhibitors and Warfarin in Obese and Morbidly Obese Nonvalvular Atrial Fibrillation (NVAF) Patients using a University Health Center Electronic Medical Record Database in the United States (US).	Alsultan M. M, Hincapie A, Wigle P, Diego C, Lin A, Guo JJ,

Graduation Project Supervision

Undergraduate students

#	Level	Number of students	Research project title
	10	2	Polypharmacy among patients with cardiovascular disease in a tertiary hospital in Saudi Arabia
	10	2	Adherence and Health Literacy of Oral Anticoagulant Medications: A Cross-Sectional Study

Teaching activities

Undergraduate students

#	Course Title	Course code	Extent of Contribution
1	Pharmacy Orientation	CLPH 201	2
2	Research Methodology and Biostatistics	CLPH 507	5



Short Courses and Certifications:

#	Name	Year
1	Certificate in Six Sigma, (30) contact hours, King Saud University, Riyadh, Saudi Arabia.	2015
2	Certificate in The Pharmacist and Proper Research Conduct Intensive Course, Prince Sultan Military Medical City, Riyadh, Saudi Arabia	2014
3	Certificate in Project Management Professional (PMP) Certification Program (35) contact hours, King Saud University, Riyadh, Saudi Arabia.	2014
4	Certificate in how to deal with time, king Saud University, Riyadh, Saudi Arabia.	2014
5	Certificate in Statistical Package for the Social Sciences (SPSS), King Saud University, Riyadh, Saudi Arabia.	2014

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Microsoft Offices
2	Familiar with Statistical Analysis System (SAS), Statistical Package for Social Sciences Program (SPSS), and R.
3	Professional Registration Classification Certificate as a Pharmacist from the Saudi Commission for Health Specialties (SCFHS), Riyadh 2015.

Last Update

01/10/2022