

Khalid Orayj
B.Pharm, PharmD, PhD

King Khalid University
College of Pharmacy

EDUCATION

- 4/2020 **Doctor of Philosophy (PhD)**
 Cardiff University, School of Pharmacy and Pharmaceutical Sciences
- 5/2015 **Doctor of Pharmacy (PharmD)**
 Massachusetts College of Pharmacy and Health Sciences University
 (Worcester, MA)
- 4/2010 **Bachelor of Science (BSc) in Pharmaceutical Sciences**
 King Khalid University (Abha, Saudi Arabia)

PROFESSIONAL LICENSES

- 2011-current Saudi Pharmacy license
 2012-2015 Massachusetts Pharmacy Intern License

EXPERIENTIAL EDUCATION

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| 2017-2020 | Medical Researcher | Cardiff Parkinson's Clinic, UK |
| 2016 | Hospital Trainee Preceptor | Military Hospital, KSA |
| 2015 | Research Pharmacy Intern | Umass Memorial Hospital, USA |
| 2015 | Ambulatory Pharmacy Intern | Edward M Kennedy Center, USA |
| 2014 | Institutional Pharmacy Intern | Good Samaritan Medical Center, USA |
| 2013 | Institutional Pharmacy Intern | Heywood Hospital, USA |
| 2013 | Community Pharmacy Intern | Stop&shop Pharmacy, USA |
| 2010 | Institutional Pharmacy Intern | Asir Regional Hospital, KSA |

AWARDS

- 11/2010 Abha Prize Certificate of Achievement, Abha, Saudi Arabia.
- 2007, 2008, 2009 Certificate of Appreciation for participating student activities from King Khalid University, Saudi Arabia.
- 9/2007 Certificate of Excellence from King Khalid University, Saudi Arabia.
- 9/2007 Certificate of Thanks and Appreciation from the Saudi Pharmaceutical Society for participating in the Second Summer Meeting, Saudi Arabia.

PROFESSIONAL MEMBERSHIP:

- A member in the International Parkinson and Movement Disorder Society (MDS).
- A member in the European Academy of Neurology (EAN)

PUBLICATIONS

Orayj, Khalid. "Cardiovascular Events Associated with Antipsychotics in Newly Diagnosed Parkinson's Disease Patients: A Propensity Score Matched Cohort Study." *International Journal of General Medicine* 14 (2021): 2975.

Orayj, Khalid, et al. "The Use of Over-The-Counter (OTC) Medications by University Students During Examinations in Saudi Arabia: A Cross-Sectional Study." *Risk Management and Healthcare Policy* 14 (2021): 2675.

Orayj, Khalid. "Impact of Antidepressants on Cardiac Events and All-Cause Mortality in Parkinson's Disease: A National Data-Linkage Study." *Neuropsychiatric Disease and Treatment* 17 (2021): 2499.

Orayj, Khalid. "Trends and Contributing Factors for Prescribing Antipsychotics in Newly Diagnosed Parkinson's Disease Patients: A Population-Based Study." *Risk Management and Healthcare Policy* 14 (2021): 2443.

Orayj, Khalid, et al. "Factors affecting the choice of first-line therapy in Parkinson's disease patients in Wales: A population-based study." *Saudi Pharmaceutical Journal* 29.2 (2021): 206-212.

Orayj K, Akbari A, Lacey A, Pickrell O, Smith M, Lane E. The relationship between first-line therapy in Parkinson's disease patients and social deprivation status, does a delay in PD diagnosis mediate this relationship? (2020), Oral Presentations. *Int J Pharm Pract*, 28: 4-43. doi:10.1111/ijpp.12606

Khalid Orayj and Emma Lane, "Patterns and Determinants of Prescribing for Parkinson's Disease: A Systematic Literature Review," *Parkinson's Disease*, vol. 2019, Article ID 9237181, 40 pages, 2019. <https://doi.org/10.1155/2019/9237181>.

K. Orayj, A. Lacey, A. Akbari, O. Pickrell, E. Lane. Trends in first line therapy for PD in Wales: A 16 year observational study [abstract]. *Mov Disord*. 2019; 34 (suppl 2). <https://www.mdsabstracts.org/abstract/trends-in-first-line-therapy-for-pd-in-wales-a-16-year-observational-study/>. Accessed September 27, 2019.

Orayj K, Akbari A, Lacey A, Pickrell O, Smith M, Lane E. Incidence and prevalence of Parkinson's disease (PD) in Wales. *Eur J Neurol*. 2019;26 Suppl 1:331.