



Faculty CV Template

[SUBISH PALAIAN]

Academic Rank

Associate Professor, Department of Clinical Sciences.

Qualifications

- B. Pharm, Rajiv Gandhi University of Health Sciences, Bangalore, India (2000)
- M. Pharm (Pharmacy Practice) , Manipal University, India (2003)
- PhD (Pharmacoepidemiology), Universiti Sains Malaysia, Penang, Malaysia (2010)
- FAIMER Fellowship in Medical Education (PSG FAIMER regional institute, India (2013)

Research field(s)

- Pharmacovigilance
- Pharmacoepidemiology
- Drug utilization review

Publications *(Last five years)*

Peer reviewed journal articles

- **Subish P**, Izham MIM, Mishra P, Shankar PR. Impact assessment of pharmacovigilance-related educational intervention on nursing students' knowledge, attitude and practice: a pre-post study. *Journal of Nursing Education and Practice* 2019; 9 (6): 98-106.
- Baral SR, Parajuli DR, Shrestha S, Acharya SR, Dahal P, Poudel P, Ghimire S, **Palaian S**, Shrestha N. Undergraduate pharmacy students' attitudes and perceived

barriers toward provision of pharmaceutical care: a multi-institutional study in Nepal.

Integrated Pharmacy Research & Practice 2019; 8:47.

- **Palaian S**, Ibrahim MI, Mishra P, Shankar PR. Development and Evaluation of a Pharmacovigilance Education Module for Medical Students in Nepal. *Education in Medicine Journal* 2019 Jun 1;11(2).
- Al Omar M, Hasan S, **Palaian S**, Mahameed S. The impact of a self-management educational program coordinated through WhatsApp on diabetes control. *Pharmacy Practice* 2020 Apr-Jun;18(2):1841.
- Shrestha S, Danekhu K, Kc B, **Palaian S**, Ibrahim MIM. Bibliometric analysis of adverse drug reactions and pharmacovigilance research activities in Nepal. *Ther Adv Drug Saf.* 2020;11:2042098620922480
- Shrestha S, Jha N, **Palaian S**, Shankar PR. Knowledge, awareness and preparedness regarding coronavirus disease 2019 pandemic among community pharmacy practitioners working in Kathmandu, Nepal: A pilot study. *SAGE Open Medicine* 2020; 8: 1-11
- **Palaian S**, Buabeid M, Ashames A. Patient Safety Culture in Handling Prescriptions and Interprofessional Collaboration Practices Amongst Community Pharmacists: An Investigative Simulated Patient Study from the United Arab Emirates. *Risk Manag Healthc Policy* 2020;13:3201-9
- **Palaian S**, Ibrahim MI, Mishra P, Shankar PR. Assessment of a pharmacovigilance module: an interventional study on knowledge, attitude and practice of pharmacy students. *Journal of Pharmacy and Bioallied Sciences* (accepted)

- Tawfiq AM, Alomar MJ, Hassan N, **Palaian S**. Nationwide survey on attitudes and perceived barriers toward provision of pharmaceutical care among final year undergraduate pharmacy students in the United Arab Emirates. *PLoS One*. 2021 Feb 16;16(2):e0246934.
- Shrestha S, Shrestha S, **Palaian S**. Can clinical pharmacists bridge a gap between medical oncologists and patients in resource-limited oncology settings? An experience in Nepal. *J Oncol Pharm Practice* 2019, Vol. 25(3) 765–768.
- Alomar M, **Palaian S**, Al-tabakha MM. Pharmacovigilance in perspective: drug withdrawals, data mining and policy implications. *F1000Research*. 2019 Dec 16;8(2109):2109.
- Alomar M, Tawfiq AM, Hassan N, Subish P. Post marketing surveillance of suspected adverse drug reactions through spontaneous reporting: current status, challenges and the future. *Ther Adv Drug Saf* 2020; 11: 1-11
- Vannala V, **Palaian S**, Shankar PR. Therapeutic dimensions of bisphosphonates: A clinical update. *Int J Prev Med* 2020;11:166
- Shankar PR, **Palaian S**, Gulam SM. Hydroxychloroquine and chloroquine in prophylaxis and treatment of COVID-19: What is known?. *J Pharm Bioall Sci* 2021; 13: 4-10.
- Shrestha S, Khatiwada AP, Gyawali S, Shankar PR, **Palaian S**. Overview, challenges and future prospects of drug information services in Nepal: a reflective commentary. *J Multidiscip Healthc*. 2020;13:287-295

- Shrestha S, Shakya D, **Palaian S**. Clinical pharmacy education and practice in Nepal: a glimpse into present challenges and potential solutions. *Adv Med Educ Pract*. 2020;11:541-548
- **Palaian S**, Ibrahim MI, Mishra P, Shankar PR. Assessment of a pharmacovigilance module: an interventional study on knowledge, attitude and practice of pharmacy students. *Journal of Pharmacy and Bioallied Sciences* 2021; 13: 248-255.
- 100. Tawfiq AM, Alomar MJ, Hassan N, **Palaian S**. Nationwide survey on attitudes and perceived barriers toward provision of pharmaceutical care among final year undergraduate pharmacy students in the United Arab Emirates. *PLoS One*. 2021 Feb 16;16(2):e0246934.
- Jha N, Shankar PR, **Palaian S**. Knowledge and Practice on Ecopharmacovigilance and Medicine Storage Amongst Medical and Dental Students in Lalitpur, Nepal. *Risk Management and Healthcare Policy*. 2021;14:793.
- Sabita P , **Subish P** , Shankar PR, Subedi N. Risk perception and hesitancy toward COVID-19 vaccination among healthcare workers and staff at a medical college in Nepal. *Risk Management and Healthcare Policy* 2021;14:2253-2261
- Alam K, **Palaian S**, Shankar PR, Jha N. General public's knowledge and practices on face mask use during the COVID-19 pandemic: a cross-sectional exploratory survey from Dharan, Nepal. *F1000R* (accepted)
- Alabid AHMA, Ibrahim MIM, Hassali MA, **Palaian S**. The awareness of extended roles of community pharmacists and healthcare professionals' interaction in Malaysia: A cross-sectional study. *Journal of Pharmacy and Bioallied Sciences* 2021; 13: 220-29.
- Shankar PR, **Palaian S**, Vannal V, Sreeramareddy CT. Non-pharmacological infection prevention and control interventions in COVID-19: What does the current evidence say?. *Int J Prev Med* 2021;12:174
- Jha N, **Subish P**, Shankar PR, Santosh KC, Kshetry PB. Situation analysis of the pharmacovigilance system in a developing country using the indicator-based

pharmacovigilance assessment tool (IPAT). J Pharm Health Serv Res 2221; 12 (4): 485-91.

- Alomar M, **Subish P**, Shanableh S. Perceived stress and quality of life among final-year pharmacy students in the United Arab Emirates during COVID-19 pandemic lockdown. *Advances in Medical Education and Practice* 2021;12 1361–1369
- Akkad ZA, Alomar M, **Palaian S**. An exploratory survey on community pharmacists' service provision for pregnant and lactating women in Sharjah, United Arab Emirates. *PLoS ONE* 2022; 17(2): e0262254.
- **Palaian S**, Alomar, M, Hassan N, Boura F. Opportunities for extended community pharmacy services in United Arab Emirates: perception, practice, perceived barriers and willingness among community pharmacists. *J of Pharm Policy and Pract* 15, 24 (2022).
- Jha N, **Palaian S**, Shankar PR, Poudyal S. Readiness for Interprofessional Learning Among First Year Medical and Dental Students in Nepal. *Adv Med Educ Pract*. 2022;13:495-505
- Jha N, Shankar PR, Al-Betar MA, Mukhia R, Hada K, **Palaian S**. Undergraduate Medical Students' and Interns' Knowledge and Perception of Artificial Intelligence in Medicine. *Adv Med Educ Pract*. 2022;13:927-937
- Prabhu MM, **Palaian S**, Ansari M. Safety profile of COVID-19 vaccines, preventive strategies, and patient management. *Expert Rev Vaccines*. 2022:1-9
- Shankar PR, Palaian S, Gyawali S. Perceived medium-term influence of a medical humanities module on medical students and faculties: A qualitative study. *J Datta Meghe Inst Med Sci Univ* 2022; 17:358-63.
- Sapkota B, **Palaian S**, Shrestha S, Ozaki A, Mohamed Ibrahim MI, Jakovljevic M. Gap analysis in manufacturing, innovation and marketing of medical devices in the Asia-Pacific region. *Expert Rev Pharmacoecon Outcomes Res*. 2022 Jun 8:1-8

- Shankar PR, Piryani RM, **Palaian S**. Organizing and Conducting Small Group Interactive Learning Sessions. *Indian J of Pharmaceutical Education and Research*. 2022;56(3):667-72
- Shanableh S, Alomar MJ, **Palaian S**, Al- Ahmad MM, Ibrahim MIM. Knowledge, attitude, and readiness towards disaster management: A nationwide survey among healthcare practitioners in United Arab Emirates. *PLoS ONE* 2023; 18(2): e0278056.
- Farajalla A, Alomar M, **Palaian S**, Al-Ahmad MM, Ibrahim MIM. Pharmacy students' readiness and preparedness to contribute during disasters: a cross-sectional two institutional study from the UAE. *Pharmacy Practice* 2023 Apr-Jun;21(2):2817.
- Yasin H, **Palaian S**, Shankar PR, Nallamilli S. Readiness for Interprofessional Education Among Health Profession Students in a University in the United Arab Emirates. *J Multidiscip Healthc*. 2023; 16:1141-1149
- Upasana A, Shankar PR, **Subish P**, Resha D, Nisha J, Anand T Pattern of Drug Therapy Related Problems Encountered by Clinical Pharmacists in a Critical Care Setting in Nepal. *Pharmacy Practice*. *Pharm Pract (Granada)* [Internet]. 2023 Jun. 21 [cited 2023 Aug. 22];21(2):1-11
- Hasan S, AlZubaidi H, **Palaian S**, AlOmar M, Kheir N, Al Hariri Y, Shanableh S, Gaili A, Kahaleh A. A Telehealth Module and Virtual Objective Structured Clinical Examination of Health Literacy in Pharmacy Education. *Am J Pharm Educ*. 2023 Jul 1:100555
- Shanableh S, Zainal H, Alomar M, **Palaian S**. A national survey of knowledge, attitude, practice, and barriers towards pharmacovigilance and adverse drug reaction reporting among hospital pharmacy practitioners in the United Arab Emirates. *J Pharm Policy Pract*. 2023 Jul 18;16(1):92
- Sapkota B, **Palaian S**, Shrestha S, Ibrahim MIM. Materiovigilance in Perspective: Understanding Its Concept and Practice in the Global Healthcare System. *Ther Innov Regul Sci*. 2023 Jul;57(4):886-898
- Busch F, Hoffmann L, Truhn D, **Palaian S** et al. International pharmacy students' perceptions towards artificial intelligence in medicine-A multinational, multicentre crosssectional study. *Br J Clin Pharmacol*. 2024;90(3):649-661

- Rammal DS, Alomar M, **Palaian S**. AI-Driven pharmacy practice: Unleashing the revolutionary potential in medication management, pharmacy workflow, and patient care. *Pharmacy Practice* 2024;22(2):2958
- Farajallah A, Zainal H, **Palaian S**, Alomar M. A national survey on assessment of knowledge, perceptions, practice, and barriers among hospital pharmacists towards medication reconciliation in United Arab Emirates. *Sci Rep* 2024; (14), 15370
- Heba T A, Muaed A, **Subish P**. A systematic review of pharmacists' Role in COVID-19 pandemic: Lessons learned for a future pandemic. *Pharmacy Practice*. 2025; 23(1):2992.
- Kafle S, Jha N, Shankar PR, Bhandary S, **Subish P**. Impact assessment of an educational intervention toward rational antibiotic use among community pharmacists in Nepal. *Risk Manag Healthc Policy* 2025;18 1181-95

Book chapters

Palaian S. Pharmacovigilance Practices and Activities: Issues, Challenges, and Future Direction. In *Social and Administrative Aspects of Pharmacy in Low-and Middle-Income Countries* 2018 Jan 1 (pp. 145-162). Academic Press.

Palaian S. Drug safety in Nepal. In *Drug Safety in Developing Countries* 2020 Jan 1 (pp. 335-355). Academic Press.

Palaian S, Alam K. 10 Medical Devices for Urology. *Medical Devices for Pharmacy and Other Healthcare Professions*. 2021 Dec 29:169.

Alam K, Palaian S. Medical Devices for Surgery 13. *Medical Devices for Pharmacy and Other Healthcare Professions*. 2021 Dec 29:239.

Courses Taught (*Last five years*)

Courses taught in current job (B. Pharm and Master of Science in Clinical Pharmacy courses)

Course code	Course name	Number of times taught

PHA 462	Clinical Pharmacy I	1
PHA 461	OTC Drugs and Products	2
PHM 506	Pathophysiology and Pharmacotherapy I	1
PHM 537	Research Method and Biostatistics	2
PHA 463	Clinical Pharmacy II and First aid	1
PHA 221	Community Pharmacy I training	2
PHA 422	Community Pharmacy II training	2
PHA 471	Hospital Pharmacy training	2
PHA 472	Clinical Pharmacy training	2
PHA 451	Graduation Project	1
PHM 512	Clinical Microbiology	2
PHA150	Introductory Pharmacy Practice Experiences I	2
PHA220	Introductory Pharmacy Practice Experiences II (Hospital)	2
PHA380	Introductory Pharmacy Practice Experiences III (Community)	1

Courses taught in previous job (PharmD and Master in Clinical Pharmacy courses)

Course code	Course name	Number of times taught
PS 313	Biostatistics and Research Methodology	1
PS 333	Interpretation of Clinical Laboratory Data	3
PS 445	Pharmacoeconomics	1
PS 414	OTC Drugs and Products	2
PS 444	Clinical Pharmacy- Disease and Therapeutic Management II	3
PP 542	Pathophysiology and Pharmacotherapy Course: Cardiology	1

PP 544	Pathophysiology and Pharmacotherapy Course: Gastroenterology and Nutrition	1
PP 547	Pathophysiology & Pharmacotherapy Module: Infectious Disease / Hematology	3
PP549	Clinical Seminar	3
CR 543	APPE Training- Inpatient Hospital Pharmacy Practice Rotation	3
CR544	APPE Community Pharmacy Care Rotation Syllabus	3
CR 652	APPE Training- Infectious Diseases	3
PS 343	Community Pharmacy Training – I	3
MCP 621	System-based Care and Population Health	1
MCP 622	Antimicrobial Stewardship	1
MCP 642	Advances in Pharmacotherapy of Infectious Diseases	1

Professional Experience

- Associate Professor, Department of Clinical Sciences, College of Pharmacy and Health Sciences, Ajman University (25th August 2019 onwards)
- Associate Professor, Department of Pharmacy Practice, Gulf Medical University, Ajman, UAE (September 2015 to July 2019)
- Associate Professor, Department of Pharmacology and Chief of Hospital and Clinical Pharmacy, College of Medical Sciences, Bharatpur, Nepal (28th June 2010- 31 July 2015).
- Research officer, Universiti Sains Malaysia, Penang, Malaysia (25th June 2009- 24th June, 2010)
- Assistant Professor, Department of Pharmacology, Manipal College of Medical Sciences, Pokhara, Nepal (7th September 2006- 19th June 2009).
- Lecturer, Department of Pharmacology, Manipal College of Medical Sciences, Pokhara, Nepal (7th September 2003-6th September 2006)

- Chief, Pharmaceutical Services, Manipal Teaching Hospital, Phulbari-11, Pokhara (April 2007-Till June 2009)
- In charge, Drug Information and Pharmacovigilance Center, Western region, Nepal (April 2007-Till June 2009)

Committees Work

Committee engagement in current job

College level committee

- Member of the Curriculum committee
- Member of the Assessment committee

University level committee

- Member of the taskforce committee at the University level constituted to develop Internship manual for the training programs

Committee engagement in previous job

- Chair, Interprofessional education Committee at College of Pharmacy, Gulf Medical University, Ajman, United Arab Emirates
- Member, Assessment Committee, at College of Pharmacy, Gulf Medical University, Ajman, United Arab Emirates
- Member, Quality Assurance Committee, at College of Pharmacy, Gulf Medical University, Ajman, United Arab Emirates
- Member, College Council, at College of Pharmacy, Gulf Medical University, Ajman, United Arab Emirates
- Member, Masters steering committee for Masters in Clinical Pharmacy, College of Pharmacy, Gulf Medical University, Ajman, United Arab Emirates

Honors and Awards

WHO scholarship/travel grant awards

- Technical Briefing Seminar on Quality Assurance and Safety of Medicines: Promoting Global Collaboration, WHO Headquarters, Geneva, Switzerland, 26-30 November 2007.
- Regional Meeting on Role of Education in Rational Use of Medicines Bangkok, Thailand. Jointly organized by World Health Organization, Regional Office for South-East Asia and the College of Public Health Sciences, Chulalongkorn University, 12-14 December 2007
- Technical Briefing Seminar on Essential Medicines Policies, WHO, Geneva, 1-5 November 2010.
- South East Asia regional training course on medication management in hospitals: role of drug and therapeutics committees, Delhi, India, November 1 - 5, 2011.
- WHO/ UNICEF Technical Briefing Seminar, Geneva, 28th October-1 November 2013.
- Management Development Program on Pharmaceutical Management in Hospitals, Organized by IIHMR Jaipur, 3-7 November 2014

Other Contributions and Achievements

Membership: Professional (Present and past)

- Life time member ship at Tamilnadu State Pharmacy Council, Chennai, Tamilnadu, India.
- Life time member ship and National executive member at Society of Pharmacovigilance, India
- Annual membership at International Society of Pharmacoeconomics and Outcomes Research (ISPOR)
- Annual membership at International Society of Pharmacovigilance (ISOP)
- Annual membership at International Society of Pharmacoepidemiology (ISPE)
- International Society on Improving use of Medicines (ISIUM)

International Research Grants

1. Setting up of a community-based Pharmacovigilance program in Western Nepal: 2500 USD by Health Action International (Asia Pacific)

2. To study the availability of banned drugs in Nepal: 440 USD by Health Action International (Asia Pacific)

Consultation for World Health Organization

Signed **Agreement for Performance of Work (APW)** during “The First Intercountry Workshop on National Drug Information Services, Chennai, India. The workshop was organized by the Karnataka State Pharmacy Council with support from the WHO, SEARO, New Delhi, 8th to 11th May 2007”.

Peer reviewing in journals

- PLoS One
- Pharmacy Practice
- Journal of Pharmacology and Therapeutics
- Education Research Journal
- Saudi Pharmaceutical Journal
- International Scholarly Research Notices
- Applied Clinical Research, Clinical Trials and Regulatory Affairs
- Case Reports in Hematology
- BMC Health Services Research
- BMC Public health
- Case reports in Cardiology
- International health
- New Emirates Medical Journal
- F1000Research
- Journal of Public Health