

Binaya Sapkota, BPharm, PharmD**Personal Data**

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Phone +60-149462417
Nationality Nepalese
Current position PhD Student at School of Interdisciplinary Studies, Jeffrey Sachs Center on Sustainable Development, Sunway University, Selangor, Malaysia.

Research Networks

ORCID ID <http://orcid.org/0000-0002-4125-9866>
PubMed <https://pubmed.ncbi.nlm.nih.gov/?term=Binaya+Sapkota>
Publons <https://publons.com/researcher/1627792/binaya-sapkota/>
Academia <https://nobelcollege.academia.edu/BinayaSapkotaPharmD>
Google Scholar <https://scholar.google.com/citations?user=C6M9YhMAAAAJ&hl=en>
ResearchGate ID https://www.researchgate.net/profile/Binaya_Sapkota2
Scopus Author ID <https://www.scopus.com/authid/detail.uri?authorId=55936093800>
Web of Science ID AAD-6151-2020
LinkedIn <https://www.linkedin.com/in/binaya-sapkota-5412b256/>

Education

2010-2013: Doctor of Pharmacy (PharmD) (Post-Bac) (CGPA: 3.51 out of 4): Kathmandu University School of Science, Dhulikhel, Kavre, Nepal.
2004-2008: Bachelor of Pharmacy (BPharm) (Score: 79.68%): Tribhuvan University Institute of Medicine, Maharajgunj, Kathmandu, Nepal.

Research interests

- Health care waste management practice: Injection safety; Occupational health hazards and safety; Infection prevention and control; Pharmaceutical and cytotoxic waste management; Wastewater epidemiology and management
- Clinical trials, clinical and translational research
- Disaster medicine and disaster management
- Pharmacoepidemiology, Pharmacoeconomics, Pharmacovigilance and materiovigilance, Pharmacotherapy and Pharmacy Practice (5P's)
- Medical devices and health technology products assessment
- Advanced statistical analytics

Guidelines/Training manual development

2022: Contributor, Government of Nepal 'SOP for Laboratory Waste Management'
2014: Contributor, Government of Nepal 'Health Care Waste Management (GoN HCWM) Guidelines'
2014: Contributor, 'GoN HCWM Training Manual'
2013: Contributor, 'Civil Service Hospital Health Care Waste Management Standard Operating Procedure (CSH-HCWM SOP)'

Curriculum development and revision

2019: Tribhuvan University Institute of Medicine BPharm Curriculum revision
2017-2019: Pokhara University BPharm Curriculum revisions
2021: Subject Committee Member of Manmohan Technical University Curriculum BPharm Curriculum Development

Editorial Board Member

2022 Apr - Present: Associate Editor, European Journal of Medical Research [IF: 2.175; Q2]

2021 Jan - Present: Academic Editor, PLOS ONE [IF: 3.240; Q1]

2021 Mar - Present: BMC Health Services Research [IF: 2.655; Q1]

Professional memberships

Sept 2022: Member, International Society of Doctors for the Environment (ISDE), Switzerland

Sept 2022: Member, National Young Academy of Nepal (NaYAN), Nepal

Aug 2022: Member, International Solid Waste Association (ISWA), USA [Member no.: 15862]

Aug 2022: Member, Japan Society of Material Cycles and Waste Management (JSMCWM), Japan [Membership no.: 202200142]

Aug 2022: Member, Association for the Study of Medical Education (ASME), UK

Aug 2022: Member, Royal Society of Tropical Medicine and Hygiene (RSTMH), UK [Membership no.: 0022420]

Aug 2022: Member, Malaysian Pharmacists Society (MPS), Malaysia

Mar 2021: Member, Healthcare Information For All (HIFA), UK

Mar 2021: Member, Committee on Publication Ethics (COPE), UK

Mar 2021: Member, International Society of Managing and Technical Editors (ISMTE), USA

Aug 2012: Foreign Member, Asian Network of Research on Anti-diabetic Plants (ANRAP), Bangladesh

Jul 2012: Life Member, Nepal Pharmaceutical Association (NPA), Nepal [Membership ID: L-13]

Aug 2010: Member, Drug Information Association (DIA), USA

Aug 2010: Member, International Society for Pharmacoeconomics and Outcomes Research (ISPOR), USA

Jan 2010: Member, Society for Neuroscience (SfN), USA

Peer reviewer experiences

2022: Antibiotics [MDPI] [IF: 5.222, Q1]

2022: Health Science Reports [John Wiley & Sons, Inc.] [Q2]

2022: CMAJ Open [Canadian Medical Association] [Q1]

2022: Frontiers in Public Health [Frontiers] [IF: 3.709, Q1]

2022: Saudi Pharmaceutical Journal [Saudi Pharmaceutical Society] [Elsevier] [IF: 4.330; Q2]

2022: Int. J. Environ. Res. Public Health [MDPI] [IF: 3.390; Q1]

2022: Sustainability [MDPI] [IF: 3.251; Q1]

2021: Cancer Management and Research [Dove Medical Press] [IF: 3.989; Q2]

2021: BMC Pregnancy and Childbirth [BMC] [IF: 3.007; Q1]

2021: Infection Prevention in Practice [Elsevier]

2021, 2022: Medicine® [Lippincott] [IF: 1.889; Q2]

2021: Journal of Managed Care & Specialty Pharmacy (JMCP) [Academy of Managed Care Pharmacy (AMCP)] [IF: 3.020; Q1]

2021: BMC Cancer [BioMed Central (BMC)] [IF: 4.430; Q2]

2021: Annals of Pharmacotherapy [SAGE] [IF: 3.154; Q2]

2021: International Journal of Infectious Diseases [Elsevier] [IF: 3.623; Q1]

2021: Drug, Healthcare and Patient Safety [Dove Medical Press] [Q2]

2020, 2021: Journal of Pharmacy Practice [SAGE] [IF: 1.320; Q2]

2020, 2021: BMC Health Services Research [BMC] [IF: 2.655; Q1]

2019, 2020: International Journal of Clinical Pharmacy (IJCP) [Springer] [IF: 2.054; Q1]

2017: Disease Markers [Hindawi] [IF: 3.434; Q2]

2017: Journal of Diabetes & Metabolic Disorders [BMC] [IF: 1.816; Q2]

2016, 2018, 2021, 2022: Waste Management & Research (WM&R) [SAGE] [IF: 3.549; Q2]

2016, 2017, 2021: Therapeutics and Clinical Risk Management [Dove Medical Press] [IF: 2.423; Q1]

2016, 2017: SAGE Open Medicine [SAGE]

2016, 2020: Patient Preference and Adherence [Dove Medical Press] [IF: 2.711; Q1]

2016: Journal of Clinical and Diagnostic Research (JCDR)

2016: Drug Design, Development and Therapy [Dove Medical Press] [IF: 4.162; Q1]

2015, 2020: J Air Waste Manag Assoc. [Taylor & Francis Publisher] [IF: 2.235; Q2]

2015: Management of Environmental Quality [Emerald Group Publishing] [IF: 4.210; Q2]
2015: J Pharm Pharm Sci [Canadian Society for Pharmaceutical Sciences] [IF: 2.330; Q2]
2015: Eval Program Plann [Elsevier] [IF: 1.240; Q2]
2014, 2015, 2017: American Society of Consultant Pharmacists (ASCP) Annual Meeting Abstracts Review
2014-2017, 2019, 2021: Hospital Pharmacy [Thomas Land Publishers] [IF: 0.70; Q2]
2014, 2017: Australas Med J
2013, 2014, 2021: PLOS ONE [IF: 3.240; Q1]

Professional experiences

Dec 2015 – Mar 2022: Lecturer of Clinical Pharmacy; Coordinator: Nobel College, Faculty of Health Science, Department of Pharmaceutical Sciences, Sinamangal, Kathmandu, Nepal.
Jan 2010 - Oct 2015: Pharmacist/Pharmacy Officer: Government of Nepal Civil Service Hospital, Minbhawan, Kathmandu, Nepal.
Jan 2009 - Jan 2010: Coordinator and Lecturer: Department of Pharmacy, All Nepal College of Technical Education, Kathmandu, Nepal.

Publications

A) Book chapters [*corresponding author]

1. ***Sapkota B**, Shrestha S. **Medical Devices for Pediatrics [Chapter 9]**. In: Medical Devices for Pharmacy and Other Healthcare Professions 1st ed. (Eds: Fathelrahman AI, Ibrahim MIM, Wertheimer AI), CRC Press, UK, 2021:137. ISBN 9780367430894. <https://doi.org/10.1201/9781003002345-11>.

2. Shrestha S, Khatiwada AP, **Sapkota B**, Rajbhandari S, KC B. **Medical Devices for Oncology [Chapter 15]**. In: Medical Devices for Pharmacy and Other Healthcare Professions 1st ed. (Eds: Fathelrahman AI, Ibrahim MIM, Wertheimer AI), CRC Press, UK, 2021:285. ISBN 9780367430894. <https://doi.org/10.1201/9781003002345-17>.

3. ***Sapkota B**, Shrestha S, Sahukhala S, Poudel RR. **Medical Devices for Orthopedics [Chapter 17]**. In: Medical Devices for Pharmacy and Other Healthcare Professions 1st ed. (Eds: Fathelrahman AI, Ibrahim MIM, Wertheimer AI), CRC Press, UK, 2021:331. ISBN 9780367430894. <https://doi.org/10.1201/9781003002345-19>.

4. ***Sapkota B**. **Pharmaceutical needs and storage in disaster [Chapter 29]**. In: Handbook of Disaster and Emergency Management 2nd ed. (Eds: Khorram-Manesh A, Goniewicz K, Hertelendy AJ, Dulebenets MA), Kompendiet, Gothenburg, Sweden, 2021:164-167. <https://doi.org/10.5281/zenodo.5553076>.

5. ***Sapkota B**, Maskey S, Shrestha R, Shrestha S. **Disease Surveillance in Low- and Middle-Income Countries**. In: Encyclopedia of Evidence in Pharmaceutical Public Health and Health Services Research in Pharmacy (Section Ed: Ibrahim MIM; Ed: Babar ZUD). Springer, Cham. https://doi.org/10.1007/978-3-030-50247-8_44-1.

B) Journal articles [*corresponding author]

1. Shrestha R, Palaian S, ***Sapkota B**, Shrestha S, Khatiwada AP, Shankar PR. **A nationwide exploratory survey assessing perception, practice, and barriers toward pharmaceutical care provision among hospital pharmacists in Nepal**. Scientific Reports 2022;12:16590. <https://doi.org/10.1038/s41598-022-16653-x>.

- Article Type: Original Article
- Journal: Scientific Reports
- Publisher: Nature Publishing Group, UK
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Multidisciplinary, Q1
- SJR 2021: 1.01
- 2-year IF (2021): 4.996

- Contributions: Conceived and designed the study; Performed the study/data collection; Analyzed the data; Reviewed, edited, and finalized the draft
- 2. Marzo RR, Shrestha R, Sapkota B, Acharya S, Shrestha N, Pokharel M, Ahmad A, Patalinghug ME, Rahman F, Salim ZR, Bicer BK, Lotfizadeh M, Wegdan B, Moura Villela Efd, Jermittiparsert K, Hamza NA, Saleeb MR, Respati T, Fitriyana S, Bhattacharya S, Heidler P, Qalati SA, Aung Y, Abid K, Abeje TA, Pokhrel A, Roien R, King I, Su TT. **Perception towards vaccine effectiveness in controlling COVID-19 spread in rural and urban communities: A global survey.** Front. Public Health 2022;10:958668. <https://doi.org/10.3389/fpubh.2022.958668>**
- Article Type: Original Article
 - Journal: Frontiers in Public Health
 - Publisher: Frontiers Media S.A., Switzerland
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Public Health, Environmental and Occupational Health, Q1
 - SJR 2021: 1.3
 - 2-year IF (2021): 6.461
 - Contributions: Literature review, analysis and interpretation of data, and review of the final manuscript
- 3. *Sapkota B, Giri A, Bhatta B, Awasthi K, Bhurtyal K, Joshi B, Joshi KR. **Implementation of medicine take-back concept at community level in Nepal: a pilot study.** J Public Health (Oxf) 2022;44(3):575-585. <https://doi.org/10.1093/pubmed/fdab134>.**
- Article Type: Original Article
 - Journal: Journal of Public Health
 - Publisher: Oxford University Press
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Medicine (Miscellaneous), Q1
 - SJR 2021: 1.05
 - 2-year IF (2021): 5.508
 - Contributions: Conceptualization and designing of the study, literature review, analysis and interpretation of data, and preparation of the final manuscript
- 4. *Sapkota B, Shrestha R, Giri S. **Community pharmacy-based SOAP notes documentation.** Medicine (Baltimore) 2022;101:30(e29495). <http://dx.doi.org/10.1097/MD.00000000000029495>.**
- Article Type: Original Article
 - Journal: Medicine
 - Publisher: Lippincott Williams and Wilkins Ltd.
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Medicine (Miscellaneous), Q3
 - SJR 2021: 0.47
 - 2-year IF (2020): 1.889
 - Contributions: conceptualized and designed the study, performed a literature review, analyzed and interpreted data, and prepared the final manuscript.
- 5. Murayama A, Kamamoto S, Saito H, Yamada K, Bhandari D, Shoji I, Mamada H, Kawashima M, Yamashita E, Kusumi E, Sawano T, Sapkota B, Tanimoto T, Ozaki A. **Pharmaceutical Payments to Japanese Board-Certified Infectious Disease Specialists: A Four-Year Retrospective Analysis of Payments from 92 Pharmaceutical Companies between 2016 and 2019.** Int. J. Environ. Res. Public Health 2022;19:7417. <https://doi.org/10.3390/ijerph19127417>.**
- Article Type: Original Article
 - Journal: International Journal of Environmental Research and Public Health
 - Publisher: Multidisciplinary Digital Publishing Institute (MDPI), Switzerland
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Health, Toxicology and Mutagenesis, Q1
 - SJR 2021: 0.81
 - 2-year IF (2020): 4.536
 - Contributions: Methodology, Writing—review & editing

6. ***Sapkota B**, Palaian P, Shrestha S, Ozaki A, Ibrahim MIM, Jakovljevic M. **Gap analysis in manufacturing, innovation and marketing of medical devices in the Asia-Pacific region.** Expert Rev Pharmacoecon Outcomes Res. 2022. <https://doi.org/10.1080/14737167.2022.2086122>

- Article Type: Review
- Journal: Expert Review of Pharmacoeconomics & Outcomes Research
- Publisher: Taylor & Francis Ltd.
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Health Policy, Q2
- SJR 2021: 0.55
- 2-year IF (2020): 2.217
- Contributions: conceptualized and designed the study, performed a literature review, and prepared the final manuscript

7. Shrestha S, Shrestha R, Ahmed A, **Sapkota B**, Khatiwada AP, Christopher CM, Thapa P, KC B, Blebil AQ, Khanal S, Paudyal V. **Impact of pharmacist services on economic, clinical, and humanistic outcome (ECHO) of South Asian patients: a systematic review.** Journal of Pharmaceutical Policy and Practice 2022;15:37. <https://doi.org/10.1186/s40545-022-00431-1>.

- Article Type: Systematic Review
- Journal: Journal of Pharmaceutical Policy and Practice (JOPPP)
- Publisher: BioMed Central Ltd, UK
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Pharmacology, Toxicology and Pharmaceutics, Q1
- SJR 2021: 0.68
- 2-year IF (2020): 2.273
- Contributions: designed and implemented the search strategy; assisted in write-up of results; revised the manuscript

8. Shrestha R, Shrestha S, **Sapkota B**, Khanal S, KC B. **Challenges Faced by Hospital Pharmacists in Low-income Countries Before COVID-19 Vaccine Roll Out: Handling Approaches and Implications for Future Pandemic Roles.** Turk J Pharm Sci. 2022;19(2):232-238. <https://doi.org/10.4274/tjps.galenos.2021.37974>.

- Article Type: Review Article
- Journal: Turkish Journal of Pharmaceutical Sciences
- Publisher: Turkish Pharmacists' Association
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Pharmaceutical Science, Q3
- SJR 2021: 0.24
- 2-year IF (2019): 0.570

9. ***Sapkota B**, Bokati P, Dangal S, Aryal P, Shrestha S. **Initiation of the pharmacist-delivered antidiabetic medication therapy management services in a tertiary care hospital in Nepal.** Medicine (Baltimore) 2022;101(16):e29192. <https://doi.org/10.1097/MD.00000000000029192>.

- Article Type: Original Article
- Journal: Medicine
- Publisher: Lippincott Williams and Wilkins Ltd.
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Medicine (Miscellaneous), Q3
- SJR 2021: 0.47
- 2-year IF (2020): 1.889
- Contributions: conceptualized and designed the study, performed a literature review, analyzed and interpreted data, and prepared the final manuscript.

10. Khatiwada AP, Shrestha S, Sapkota B, Shakya S, Shrestha R, Roien R, Ozaki A, Ibrahim MIM. **Continuing Pharmacy Education: Exploring the Status and Future Prospects in Nepal.** Advances in Medical Education and Practice 2022;13:419-425. <https://doi.org/10.2147/AMEP.S353455>.

- Article Type: Commentary
- Journal: Advances in Medical Education and Practice
- Publisher: Dove Medical Press Ltd, New Zealand

- Indexing: PubMed, Web of Science
 - Quartile: Education, Q2
 - SJR 2021: 0.48
 - 2-year IF (2020): 1.110
- 11. Shakya R, Shrestha R, Shrestha S, Sapkota P, Gautam R, Rai L, Khatiwada AP, Ranabhat K, KC B, Sapkota B, Khanal S, Paudyal V. Translation, Cultural Adaptation and Validation of the Hill Bone Compliance to High Blood Pressure Therapy Scale to Nepalese Language. Patient Preference and Adherence 2022;16 957–970. <https://doi.org/10.2147/PPA.S349760>.**
- Article Type: Original Article
 - Journal: Patient Preference and Adherence
 - Publisher: Dove Medical Press Ltd, New Zealand
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Pharmacology, Toxicology and Pharmaceutics, Q1
 - SJR 2021: 0.63
 - 2-year IF (2020): 2.711
 - Contributions: contributed to data analysis, drafting or revising the article
- 12. Roien R, Shrestha R, Yadav K, Ozaki A, Ahmadi MB, Kaneda Y, Kotera Y, Sapkota B, Shrestha S. An assessment of adherence to the WHO-delineated good manufacturing practice by the pharmaceutical companies in Kabul, Afghanistan. Cost Eff Resour Alloc. 2022;20:17. <https://doi.org/10.1186/s12962-022-00348-1>.**
- Article Type: Original Article
 - Journal: Cost Effectiveness and Resource Allocation
 - Publisher: BioMed Central Ltd, UK
 - Indexing: PubMed, Embase, Scopus, Web of Science
 - Quartile: Health Policy, Q2
 - SJR 2021: 0.73
 - 2-year IF (2020): 2.532
 - Contributions: critically reviewed, edited and finalized the manuscript.
- 13. Shrestha R, Shrestha S, Sapkota B, Thapa S, Ansari M, Khatiwada AP, Roien R, Ozaki A. Generic Medicine and Generic Prescribing in Nepal: An Implication for Policymakers. J Multidiscip Healthc. 2022;15:365–373. <https://doi.org/10.2147/JMDH.S348282>.**
- Article Type: Review Article
 - Journal: Journal of Multidisciplinary Healthcare
 - Publisher: Dove Medical Press Ltd, New Zealand
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Nursing (miscellaneous), Q1
 - SJR 2021: 0.63
 - 2-year IF (2020): 2.404
- 14. Shrestha S, Shrestha S, Sapkota B, Shakya R, Roien R, Ibrahim MIM. Reintroduction of Post-Baccalaureate Doctor of Pharmacy (PharmD, Post-Bac) Program in Nepal: Exploration of the Obstacles and Solutions to Move Forward. Adv Med Educ Pract. 2022;13 159–166. <https://doi.org/10.2147/AMEP.S348601>.**
- Article Type: Commentary
 - Journal: Advances in Medical Education and Practice
 - Publisher: Dove Medical Press Ltd, New Zealand
 - Indexing: PubMed, Web of Science
 - Quartile: Education, Q2
 - SJR 2021: 0.48
 - 2-year IF (2020): 1.110
- 15. *Sapkota B, Saud B, Shrestha R, Al-Fahad D, Sah R, Shrestha S, Rodriguez-Morales AJ. Heterologous prime–boost strategies for COVID-19 vaccines. Journal of Travel Medicine 2022;29(3):taab191. <https://doi.org/10.1093/jtm/taab191>.**
- Article Type: Review Article
 - Journal: Journal of Travel Medicine
 - Publisher: Oxford University Press, UK

- Indexing: PubMed, Embase, Scopus, Web of Science
 - Quartile: Infectious Diseases, Q1
 - SJR 2021: 3.574
 - 2-year IF (2021): **39.194**
 - Contributions: Conceptualization; literature review; drafting and revising manuscript
- 16. *Sapkota B, Chaudhary S, Gurung P, Humagain A, Sapkota S. Dosage individualization proposed for antigout medications among the patients with gout. PLOS ONE 2021;16(9):e0257082. <https://doi.org/10.1371/journal.pone.0257082>.**
- Article Type: Original Article
 - Journal: PLOS ONE
 - Publisher: Public Library of Science, USA
 - Indexing: PubMed, Embase, Scopus, Web of Science
 - Quartile: Multidisciplinary, Q1
 - SJR 2021: 0.85
 - 2-year IF (2021): 3.752
 - Contributions: Conceptualization; Formal analysis; Investigation; Methodology; Project administration; Resources; Software; Supervision; Validation; Visualization; Writing – original draft; Writing – review & editing
- 17. *Shrestha R, *Sapkota B, Khatiwada AP, Shrestha S, Khanal S, Kc B, Paudyal V. Translation, Cultural Adaptation and Validation of General Medication Adherence Scale (GMAS) into the Nepalese Language. Patient Prefer Adherence. 2021;15:1873–1885. <https://doi.org/10.2147/PPA.S320866>.**
- Article Type: Original Article
 - Journal: Patient Preference and Adherence
 - Publisher: Dove Medical Press Ltd, New Zealand
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Pharmacology, Toxicology and Pharmaceutics, Q1
 - SJR 2021: 0.63
 - 2-year IF (2020): 2.711
 - Contributions: contributed to data analysis, drafting or revising the article
- 18. Giri A, Sapkota B, Shrestha R, Khatiwada AP, Tiwari R, Aryal M, Timilsina M, Bhujel B, Adhikari M, Sah R, Bhandari D, Ozaki A, Martellucci CA, Kotera Y, Mousavi SH, Shrestha S. A Narrative Review of Personal Protective Equipment Uses in Coronavirus Disease 2019 and Its Disposable Practices. JMA J. 2021;4(2):86-90. <https://doi.org/10.31662/jmaj.2020-0120>.**
- Article Type: Review Article
 - Journal: JMA Journal
 - Publisher: Japan Medical Association/The Japanese Association of Medical Sciences
 - Indexing: PubMed
 - Contributions: Conception and design and acquisition and interpretation of data, drafting the article and revising it critically for important intellectual content
- 19. Shrestha S, Sapkota B, Thapa S, K C B, Khanal S. Translation, cross-cultural adaptation and validation of Patient Satisfaction with Pharmacist Services Questionnaire (PSPSQ 2.0) into the Nepalese version in a community settings. PLOS ONE 2020;15(10):e0240488. <https://doi.org/10.1371/journal.pone.0240488>.**
- Article Type: Original Article
 - Journal: PLOS ONE
 - Publisher: Public Library of Science, USA
 - Indexing: PubMed, Embase, Scopus, Web of Science
 - Quartile: Multidisciplinary, Q1
 - SJR 2021: 0.85
 - 2-year IF (2020): 3.240
 - Contributions: Data curation; Formal analysis; Software; Validation; Visualization; Writing – review & editing

20. Shrestha S, Shrestha S, Kc B, **Sapkota B**, Khadka A, Khanal S, Koller M. **Translation and cultural adaptation of EORTC QLQ-LC 29 into Nepalese language for lung cancer patients in Nepal.** J Patient Rep Outcomes. 2020;4(1):46. <https://doi.org/10.1186/s41687-020-00205-w>.

- Article Type: Original Article
- Journal: Journal of Patient-Reported Outcomes (JPRO)
- Publisher: Springer International Publishing AG, Switzerland
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Health Informatics, Q2
- SJR 2021: 0.77
- Contributions: Conception and design of data; analysis and interpretation of data; drafting manuscript

21. Shrestha S, Sharma S, Bhasima R, Kunwor P, Adhikari B, **Sapkota B**. **Impact of an educational intervention on pharmacovigilance knowledge and attitudes among health professionals in a Nepal cancer hospital.** BMC Med Educ. 2020;20(1):179. <https://doi.org/10.1186/s12909-020-02084-7>.

- Article Type: Original Article
- Journal: BMC Medical Education
- Publisher: BioMed Central Ltd, UK
- Indexing: PubMed, Embase, Scopus, Web of Science
- Quartile: Education, Q1
- SJR 2021: 0.74
- 2-year IF (2020): 2.372
- Contributions: Conceptualization of study; designing data collection form; coordinating and supervising data collection; statistical analysis; drafting and critically reviewing manuscript

22. ***Sapkota B**, Shrestha R, Chapagai S, Shakya DK, Bista P. **Validation of Risk of Chemotherapy-Induced Neutropenia: Experience from Oncology Hospital of Nepal.** Cancer Manag Res. 2020;12:3751-3758. <https://doi.org/10.2147/CMAR.S243916>.

- Article Type: Original Article
- Journal: Cancer Management and Research
- Publisher: Dove Medical Press Ltd, New Zealand
- Indexing: PubMed, Embase, Scopus, Web of Science
- Quartile: Oncology, Q2
- SJR 2021: 0.73
- 2-year IF (2020): 3.989
- Contributions: Conception and design; acquisition, analysis and interpretation of data; drafting or revising critically

23. Shrestha S, Poudel RS, Kc B, Poudel BK, **Sapkota B**, Sharma S, Khadka A. **Price variation among different brands of anticancer medicines available in hospital pharmacies of Nepal.** J Pharm Policy Pract. 2020;13:6. <https://doi.org/10.1186/s40545-020-0203-0>.

- Article Type: Original Article
- Journal: Journal of Pharmaceutical Policy and Practice (JOPPP)
- Publisher: BioMed Central Ltd, UK
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Pharmacology, Toxicology and Pharmaceutics, Q1
- SJR 2021: 0.68
- 2-year IF (2020): 2.270
- Contributions: Data collection; manuscript writing and reviewing

24. Bhadel P, Shrestha S, **Sapkota B**, Li JY, Tao H. **Asprosin and type 2 diabetes mellitus: a novel potential therapeutic implication.** J Biol Regul Homeost Agents. 2020 Feb 21;34(1). <https://doi.org/10.23812/19-244-E>.

- Article Type: Editorial
- Journal: Journal of Biological Regulators and Homeostatic Agents
- Publisher: Biolife-Scientific Publisher, Italy
- Indexing: PubMed, Scopus, Web of Science

- Quartile: Oncology, Q3
- SJR 2021: 0.28
- 2-year IF (2020): 1.711
- Contributions: Conceptualization; data analysis and interpretation; preparation and finalization of manuscript

25. *Sapkota B, Rauniyar D, Shankar PR, Gupta GK, Thapa RK. **Perception about Medicines among the General Public in the Semi-rural Areas of Nepal**. Kathmandu Univ Med J 2019;17(66):93-100.

- Article Type: Original Article
- Journal: Kathmandu University Medical Journal (KUMJ)
- Publisher: Kathmandu University, Nepal
- Indexing: PubMed, Scopus
- Quartile: Medicine (Miscellaneous), Q4
- SJR 2021: 0.15
- Contributions: Conceptualization; data analysis and interpretation; preparation and finalization of manuscript

26. Dhungana RR, Khanal MK, Joshi S, Kalauni OP, Shakya A, Bhrutel V, Panthi S, Kc RK, Ghimire B, Pandey AR, Bista B, **Sapkota B**, Khatiwoda SR, McLachlan CS, Neupane D. **Impact of a structured yoga program on blood pressure reduction among hypertensive patients: study protocol for a pragmatic randomized multicenter trial in primary health care settings in Nepal**. BMC Complement Altern Med. 2018;18(1):207. <https://doi.org/10.1186/s12906-018-2275-9>.

- Article Type: Original Article
- Journal: BMC Complementary and Alternative Medicine
- Publisher: BioMed Central Ltd, UK
- Indexing: PubMed, Scopus, Web of Science
- 2-year IF (2020): 3.470
- Contributions: Conceptualization and development of implementation plan

27. Devkota R, Khan GM, Alam K, **Sapkota B**, Devkota D. **Impacts of counseling on knowledge, attitude and practice of medication use during pregnancy**. BMC Pregnancy Childbirth. 2017;17(1):131. <https://doi.org/10.1186/s12884-017-1316-6>.

- Article Type: Original Article
- Journal: BMC Pregnancy and Childbirth
- Publisher: BioMed Central Ltd, UK
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Obstetrics and Gynecology, Q1
- SJR 2021: 0.96
- 2-year IF (2020): 3.007
- Contributions: Data collection; analysis; revision of manuscript

28. Poudyal BS, **Sapkota B**, Shrestha GS, Thapalia S, Gyawali B, Tuladhar S. **Safety and Efficacy of Azathioprine as a Second Line Therapy for Primary Immune Thrombocytopenic Purpura**. JNMA 2016;55(203):16-21.

- Article Type: Original Article
- Journal: Journal of Nepal Medical Association (JNMA)
- Publisher: Nepal Medical Association, Nepal
- Indexing: PubMed, Scopus, Web of Science
- Quartile: Medicine (Miscellaneous), Q4
- SJR 2021: 0.18
- 2-year IF (2020): 0.287
- Contributions: Data analysis; drafting of manuscript

29. Chhetri P, Giri A, Shakya S, Shakya S, **Sapkota B**, Pramod KC. **Current Development of Anti-Cancer Drug S-1**. J Clin Diagn Res. 2016;10(11):XE01-XE05. <https://doi.org/10.7860/JCDR/2016/19345.8776>.

- Article Type: Review Article
- Journal: Journal of Clinical and Diagnostic Research (JCDR)
- Publisher: JCDR Publishing, India

- Indexing: Then PubMed, Scopus, Web of Science
 - Contributions: Drafting of manuscript; literature review; revision of manuscript
- 30. Devkota R, Khan GM, Alam K, Regmi A, Sapkota B. Medication utilization pattern for management of pregnancy complications: a study in Western Nepal. BMC Pregnancy Childbirth. 2016;16(1):272. <https://doi.org/10.1186/s12884-016-1068-8>.**
- Article Type: Original Article
 - Journal: BMC Pregnancy and Childbirth
 - Publisher: BioMed Central Ltd, UK
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Obstetrics and Gynecology, Q1
 - SJR 2021: 0.96
 - 2-year IF (2020): 3.007
 - Contributions: Data analysis; revision of manuscript
- 31. *Sapkota B, Gupta GK, Shrestha SK, Pradhan A, Karki P, Thapa A. Microbiological burden in air culture at various units of a tertiary care government hospital in Nepal. Australas Med J. 2016;9(1):1-7. <https://doi.org/10.4066/AMJ.2015.2558>.**
- Article Type: Original Article
 - Journal: Australasian Medical Journal
 - Publisher: Australasian Medical Journal Pty. Ltd.
 - Indexing: Then PubMed, Scopus, Web of Science
 - Contributions: Conceptualization; data analysis; drafting and revision of manuscript
- 32. Gupta BP, Shrestha A, Adhikari A, Lama TK, Sapkota B. Acute HEV infection in HIV positive men and women in Nepal: Not quite a rare entity. Hepatology. 2016(3):1006-7. <https://doi.org/10.1002/hep.28480>.**
- Article Type: Letter to the editor
 - Journal: Hepatology
 - Publisher: John Wiley and Sons Ltd, USA
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Hepatology, Q1
 - SJR 2021: 5.24
 - 2-year IF (2020): **17.425**
 - Contributions: Data analysis; preparation and revision of letter
- 33. Shrestha A, Lama TK, Gupta BP, *Sapkota B, Adhikari A, Khadka S, Shrestha SM, Maharjan KG, Karmacharya P, Akbar SMF. Hepatitis E virus outbreak in postearthquake Nepal: is a vaccine really needed? J Viral Hepat. 2016. <https://doi.org/10.1111/jvh.12505>.**
- Article Type: Letter to the editor
 - Journal: Journal of Viral Hepatitis
 - Publisher: Wiley-Blackwell Publishing Ltd, UK
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Hepatology, Q2
 - SJR 2021: 1.03
 - 2-year IF (2020): 3.728
 - Contributions: Data analysis; preparation and revision of letter
- 34. Sharma Poudyal B, Gyawali B, Sapkota B, Tuladhar S, Shrestha GS, Rondelli D. Antifungal prophylaxis with Amphotericin B deoxycholate emulsified in lipids for acute myeloid leukemia patients treated in low economy countries. Leuk Lymphoma. 2016;57(2):474-476. <https://doi.org/10.3109/10428194.2015.1055485>.**
- Article Type: Letter to the editor
 - Journal: Leukemia and Lymphoma
 - Publisher: Informa Healthcare, UK
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Hematology, Q2
 - SJR 2021: 0.74
 - 2-year IF (2020): 3.280
 - Contributions: Data analysis; preparation and revision of letter

35. Shrestha S, ***Sapkota B**, Kumpakha A, Acharya U, Sharma R. **Evaluation of patients' knowledge on warfarin in outpatient pharmacy of a tertiary care cardiac center.** BMC Res Notes. 2015;8:429. <https://doi.org/10.1186/s13104-015-1416-1>.
- Article Type: Original Article
 - Journal: BMC Research Notes
 - Publisher: BioMed Central Ltd, UK
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Biochemistry, Genetics and Molecular Biology, Q2
 - SJR 2021: 0.53
 - 2-year IF (2020): 1.660
 - Contributions: Literature review; data analysis and interpretation; drafting of manuscript
36. ***Sapkota B**, Gupta GK, Mainali D, Shrestha N. **Development and implementation of healthcare waste management policy at Civil Service Hospital, Nepal.** J Pharm Pract Res 2015;45:57–63. <https://doi.org/10.1002/jppr.1054>.
- Article Type: Original Article
 - Journal: Journal of Pharmacy Practice and Research
 - Publisher: Society of Hospital Pharmacists of Australia, Australia
 - Indexing: Now PubMed, Scopus, Web of Science
 - Quartile: Pharmacy, Q2
 - SJR 2021: 0.23
 - Contributions: Conceptualization; literature review; drafting and revision of manuscript
37. ***Sapkota B**, Gupta GK, Mainali D. **Impact of intervention on healthcare waste management practices in a tertiary care governmental hospital of Nepal.** BMC Public Health 2014;14:1005. <https://doi.org/10.1186/1471-2458-14-1005>.
- Article Type: Original Article
 - Journal: BMC Public Health
 - Publisher: BioMed Central Ltd, UK
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Public Health, Environmental and Occupational Health, Q1
 - SJR 2021: 1.16
 - 2-year IF (2020): 3.295
 - Contributions: Design of study; literature review; data analysis and interpretation; preparation of manuscript
38. Ghimirey A, **Sapkota B**, Shrestha S, Basnet N, Shankar PR, Sapkota S. **Evaluation of pharmacist counseling in improving knowledge, attitude and practice in chronic kidney disease patients.** SAGE Open Med. 2013;1:2050312113516111. <https://doi.org/10.1177/2050312113516111>.
- Article Type: Original Article
 - Journal: SAGE Open Medicine
 - Publisher: SAGE Publications Inc., UK
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Medicine (Miscellaneous), Q4
 - SJR 2021: 0.13
 - Contributions: Literature review; data analysis and interpretation; preparation of final manuscript
39. ***Sapkota B**, Shrestha SK, Poudel S. **Association of activated partial thromboplastin time and fibrinogen level in patients with type II diabetes mellitus.** BMC Res Notes. 2013;6:485. <https://doi.org/10.1186/1756-0500-6-485>.
- Article Type: Original Article
 - Journal: BMC Research Notes
 - Publisher: BioMed Central Ltd, UK
 - Indexing: PubMed, Scopus, Web of Science
 - Quartile: Biochemistry, Genetics and Molecular Biology, Q2
 - SJR 2021: 0.53

- 2-year IF (2020): 1.660
- Contributions: Design of study; literature review; data analysis and interpretation; preparation of final manuscript

Resource person experiences

- Jan 19, 2017:** “Infection Control and Waste Management Training”. Nobel Hospital and Research Center, Sinamangal, Kathmandu
- Jul 9, 2016:** “Role of Pharmacist in Patient’s Safety” Workshop. Tribhuvan University Institute of Medicine Maharajgunj Medical Campus, Kathmandu
- Dec 26, 2014:** “Good Pharmacy Practice” Seminar. Kathmandu University School of Science Department of Pharmacy, Dhulikhel
- Sep 10-11, 2014:** “Health Care Waste Management” Training [Chief Facilitator]: Government of Nepal Department of Health Services, Teku
- Sep 17, 2011:** “Hospital Pharmacy Management” Workshop. Nobel College Sinamangal, Kathmandu
- Sep 24-25, 2010:** “Training on Drug and Therapeutics Committee”. Government of Nepal Ministry of Health and Population (MoHP), Department of Drug Administration (DDA), and WHO, Kathmandu

Conferences, continuing professional development

- Oct 8-9, 2022:** Northern Region Pharmacists Convention 2022 at AIMST University, Malaysia
- Mar 25–26, 2022:** “Workshop on Predatory Academic Practices in South Asia”. Pokhara University, Kaski, Nepal
- Aug 31-Sep 2, 2019:** “Workshop on R Programming for Data Analysis”. Biotechnology Society of Nepal (BSN) and Bhaktapur Multiple Campus (BMC), Nepal
- Aug 16-18, 2019:** “Clinical Research Methodology Skills Course-III 2019”. Tata Medical Center, Kolkata, India
- Jul 19-21, 2019:** “Data Mining and Machine Learning Using R Programming” Course (Total 24 hours): Deerwalk Training Center, Kathmandu
- Jul 10-12, 2019:** “3-Day Training on Data Analysis Using R Programming”. Kathmandu University School of Engineering (SoE) Department of Computer Science & Engineering (DOCSE) and University Grant Commission (UGC)-Nepal
- Jul 1-5, 2019:** “Data Management and Data Analysis Workshop using R Program”. Nobel College and UGC-Nepal
- Jun 11-13, 2019:** “Plagiarism and Responsible Conduct of Research and Publication” Workshop. Pokhara University Research Centre (PURC) & UGC, Nepal
- May 28, 2019:** “Getting your article published in scientific journals” Workshop. KIST Medical College & Teaching Hospital [**CPD credit points: 5.5**]
- Apr 10-12, 2019:** “5th National Summit of Health and Population Scientists in Nepal”. Nepal Health Research Council (NHRC), Kathmandu
- Mar 5, 2019:** “Contributions of Social Pharmacy towards Safe and Effective use of Medicines” Workshop. Sunsari Technical College, Dharan
- Mar 3, 2019:** “Pharmacovigilance and Patient Safety” Workshop. Nepal Medicit Hospital, Lalitpur
- Mar 2, 2019:** “Research Proposal Writing for Health Care Professionals” Workshop. Hospital Research Board, Nepal Cancer Hospital and Research Center, Harisiddhi, Lalitpur [**Credit point: 5**]
- Dec 1-2, 2018:** “18th Annual Conference of Indian Society of Hospital Waste Management”. King George’s Medical University, Lucknow, India [**Credit points: MCI (8) & DCI (12)**]
- Apr 11-12, 2018:** “4th National Summit of Health and Population Scientists in Nepal”. NHRC, Kathmandu
- Jun 21-23, 2017:** “Understanding Plagiarism” Workshop. KU SoE DoCSE and UGC
- Jun 12-16, 2017:** “Problem Based Learning (PBL)” Faculty training. Nepal Institute of Health Sciences (NIHS), Center for Research, Training & International Relation (CRTIR) and UGC
- Mar 31- Apr 1, 2017:** “Research Methodology and Scientific Writing” Workshop. PURC, Pokhara University and UGC

- Sep 16, 2016:** “Envision- Life Science and Medicine-II” Mini Symposium. Kathmandu Center for Genomics and Research Laboratory (KCGRL) and The World Academy of Sciences (TWAS)
- Dec 20, 2014:** “Importance of Occupational Health in Emergency Medicine”. Continuing Medical Education (CME), 17th Nepal Disaster and Emergency Medicine Center (NADEM) [**Credit point: 2**]
- Jul 30-31, 2014:** The Green Hospital Conference (Theme: “Health Care System in Nepal: Role it can play to help heal the Environment”). FHI 360, WHO, Global Green and Healthy Hospitals, Health Care without Harm
- Jun 19, 2013:** “Quality, Risk Management and Clinical Effectiveness in Health Care” Workshop. Facilitated by Clinical Governance Manager at Guy’s and St Thomas Hospitals, National Health Services (NHS), UK
- Apr 2-4, 2013:** “Disaster Preparedness, Pre-Hospital Emergency Care and Emergency Medicine Development in Nepal” Conference. NADEM, University of California San Diego Department of Emergency Medicine, University of Arizona Department of Emergency Medicine, University of California San Francisco (UCSF) [**Credit point: 10**]
- May 7-8, 2012:** “Research Writing Skills” Workshop. International Network for the Availability of Scientific Publications (INASP)/AuthorAid
- Dec 13, 2010:** “Generic Medicine” Workshop. KIST Medical College, Lalitpur, Nepal
- Mar 5-7, 2010:** “Multidisciplinary Cancer Management Course (MCMC)” Workshop. SAARC Federation of Oncologists-Nepal (SFO-N), and American Society of Clinical Oncology (ASCO)
- Feb 27, 2010:** “Getting your Articles Published in Scientific Journals” Workshop. KIST Medical College, Lalitpur, Nepal
- Nov 22-29, 2009:** WHO SEARO training “Promoting Rational Drug Use in the Community”. KU School of Science Department of Pharmacy, Dhulikhel
- Nov 17, 2009:** Union Internationale des Associations d’Alpinisme (UIAA) Medical Conference. Mountain Medicine Society of Nepal (MMSN)
- Oct 26, 2009:** “Snakes, Bugs and Altitude” Conference. Oxford University Department of Pediatrics and MMSN
- Jan 15-24, 2009:** “Training of Trainers (TOT)”. Training Institute for Technical Instruction (TITI), Bhaktapur, Nepal
- Jul 4-7, 2008:** “3rd National AIDS Conference”. Government of Nepal MoHP
- Jun 30–Jul 4, 2008:** "Pharmaceutical Care Practice in Hospital". National Training Program provided by Midwestern University College of Pharmacy Glendale Arizona, USA
- Sep 15, 2007:** “Mountain Medicine: The South Asian Experience- II” Seminar. B.P. Koirala India-Nepal Foundation, MMSN & Himalayan Rescue Association (HRA) Nepal

Professional licensure

- 2015:** Dubai Health Authority (DHA) Pharmacist Eligibility Letter (Ref.: DHA/LS/7112015/524440)
- 2009:** Nepal Pharmacy Council (NPC) (Registration number: G 608)

Statistical trainer experiences

- 2017-2019:** Lead trainer of statistical analysis with SPSS: Center for Health and Disease Studies (CHDS), Sankhamul; Zenith Study Center, Kupondole, Lalitpur; and Einstein Study Center, New Baneshwor.

Awards

- 2017:** Teacher of the Year-2017 [Best Health Science Faculty]. Nobel College Faculty of Health Sciences, Sinamangal, Kathmandu
- Nov 5-8, 2010:** Travel Grants for the 23rd FAPA Congress. Federation of Asian Pharmaceuticals Associations (FAPA), Taipei, Taiwan

References

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