

Dr Suman Khanal

Surgeon (MBBS, MS)

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Nepal

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"Surgery, like Truth, may hurt, but it cures"

Education

- 2003 **School Leaving Certificate (SLC)**, *Small Heaven School, Chitwan*, Ministry of Education(MOE), Secured first position
Distinction
- 2003–2005 **Intermediate of Science (I. Sc.)**, *St. Xavier's College, Kathmandu*, Tribhuvan University
Distinction
- February 2006–August 2011 **Bachelor of Medicine and Bachelor of Surgery (MBBS)**, *Manipal College of Medical Sciences, Pokhara*, Kathmandu University
Distinction
- July 2014–July 2017 **Master of Surgery (MS)** 🎓, *Institute of Medicine, Maharajgunj*, Tribhuvan University
Gold Medalist

Master thesis

- Title *Abbreviated Burn Severity Index in predicting mortality in burns in tertiary center*
- Preceptor Professor Ishwor Lohani, Head, Department of Plastic Surgery

Registration and Memberships

- 26 November 2013 Permanent Registration in Nepal Medical Council (NMC)
- 21 November 2017 Specialty Registration MS (General Surgery) in NMC
- 2019 Member of Nepal Medical Association (NMA)
- 2023 Member of AMASI (Association of Minimal Access Surgeons of India)
- 2023 Member of American Statistical Association (ASA)

Current Work

October 2018–Current **GI Oncosurgeon, Junior Consultant, BP Koirala Memorial Cancer Hospital**, Bharatpur, Chitwan
GI Unit, Department of Surgical Oncology

Past Work

July 2017–September 2018 **Lecturer, Tribhuvan University Teaching Hospital**, Kathmandu
Breast and Thyroid Unit, Department of GI and General Surgery

Awards

Amir Prativa Padak For securing 1st position in SLC
Gold Medalist For securing 1st position in Master of Surgery in Tribhuvan University

Bootcamps and Workshops

21 September 2019 Data Analysis Bootcamp using *R*
30 November-1 December 2019 NepAI Applied Mathematics and Informatics Institute for Research (NAAMII) workshop on Machine Learning
30 July-3 August 2020 3rd National Workshop on Machine Learning and Data Science
26 September-2 October 2021 NAAMII Workshop on Deep Learning in Medical Imaging (DLMI)
20-30 December 2021 3rd Nepal **Winter School** in AI, NAAMII
5-10 March 2023 International Collaboration for Research methods Development in Oncology (**CReDO**) workshop

Experience/Achievements

2007 **Manipal College of Medical Sciences**, Pokhara
Certificate of successful completion of Medicine and the Arts, **Dr P Ravi Shankar**

2008 **Manipal College of Medical Sciences**, Pokhara
Certificate of appreciation as patient assessment committee member in Poor Patient's Fund

2011 **Operation Smile Inc.**, Pokhara
Trauma Life Support Training

2011 **Health Camp**, Gulmi
Worked as a volunteer in a 2-day health camp supported by Manipal Teaching Hospital

Oct 2011–Apr 2012 **Ministry of Health and Population (MoHP)**, Tikapur, Kailali
Worked as a Medical Officer

- Jan 2012 **USAID, Nepal**, Kathmandu
National Training on Clinical Management of HIV/AIDS
- Mar 2012 **Ministry of Health and Population (MoHP), NHTC**, Nepalgunj
No Scalpel Vasectomy (NSV) Training
- Apr 2012–Oct 2013 **Seti Zonal Hospital, Ministry of Health and Population (MoHP)**, Dhangadhi, Kailali
Worked as a Medical Officer
- Feb 2013 **Advocacy Forum-Nepal**, Dhangadhi, Kailali
Medical Examination and Medico-Legal Documentation of Human Right Violations with Special Focus on Torture and Sexual Violence
- Mar 2013 **National Tuberculosis Centre (MoHP)**, Kathmandu
Basic TB Modular Training
- 2013 **National Centre for AIDS and STD Control (NCASC)**, Nepalgunj
Prevention of Mother to Child Transmission (PMTCT) of HIV Training
- 2015 **Nepalese Association of Surgical Gastroenterology (NASG)**, Kathmandu
Update on Surgical Management of Benign Gastrointestinal Diseases
- 2016 **Society of Surgeons of Nepal (SSN)**, Kathmandu
Sonsocopy for Surgical Residents
- 2016 **Maharajgunj Medical Campus**, Kathmandu
Laparoscopic Hernia Workshop
- June 2017 **Tribhuvan University Teaching Hospital**, Kathmandu
4th TUTH Uro-Update on Andrology
- June 2017 **Nepalese Association of Surgical Gastroenterology (NASG)**, Kathmandu
Advanced Laparoscopic Colorectal Surgery Workshop
- March 2022 **Nepal Health Research Council (GoN)**, Chitwan
Training Workshop on Ethics in Health Research
- June 2022 **BP Koirala Memorial Cancer Hospital + University Grants Commission**, Chitwan
Training on Clinical Research Proposal Writing (with Research Publication, Systematic Review and Meta Analysis)

Languages

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| Nepali | Speaking, Reading, Writing | <i>Native language</i> |
| English | Speaking, Reading, Writing | |
| Tharu | Listening | |

Computer skills

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| Microsoft Office | Good knowledge of Word, PowerPoint, Excel |
| R | Good knowledge of statistics and programming with R (📊) |
| LaTeX | Good knowledge of making documents with LaTeX |
| Others | Working knowledge of Python (🐍), Git (git), Docker (🐳), GitHub (🐙), Bash, Linux (🐧) |

Interests

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| Surgery | Staying abreast with latest developments in Surgery |
| Programming | Computing with Python, R, Raku, C++ |
| Travelling | New places, Hiking |
| Playing | Chess, Badminton, Table Tennis |

Conference Presentations





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| XIII SSN 2016 | Kathmandu , Abbreviated Burn Severity Index in predicting mortality in burns in tertiary center |
| 44th Annual Meeting of Korean Cancer Association and the 4th International Cancer Conference (KCA 2018) | Seoul, South Korea , Profile and outcome of triple negative breast cancer at a tertiary care university hospital in Nepal |
| 57th Annual Meeting of Japan Society of Clinical Oncology (JSCO 2019) | Fukuoka, Japan , Profile and outcome of triple negative breast cancer at a tertiary care university hospital in Nepal |

Publications





1. HIV Cure: Are we there yet? *Journal of Advances in Internal Medicine*, 2014
2. Rare case of bleeding nipple hemangioma in a lactating mother, *Journal of Surgical Case Reports*, 2018
3. Anorectal tuberculosis mimicking as rectal prolapse, *Annals of Medicine and Surgery*, 2018
4. Malignant phyllodes tumor with metastases to lung, adrenal and brain: a rare case report, *Annals of Medicine and Surgery*, 2018
5. Secondary angiosarcoma in a hormone receptor negative breast cancer patient, *Journal of Surgical Case Reports*, 2019
6. Batwing Technique in Large Volume Excision of Breast Lesions: Case Report, *Journal of the Institute of Medicine*, 2019

7. Case of HER2-Enriched Multifocal Breast Cancer Associated with Pregnancy, *Journal of the Institute of Medicine*, 2019
8. Intracystic Papillary Neoplasm of Gall Bladder: A Case Report, *Nepalese Journal of Cancer (NJC)*, 2019
9. Round Block Technique in Management of Breast Lesions, *Kathmandu University Medical Journal*, July-Sept 2019
10. Profile and Outcome of Triple Negative Breast Cancer at a Tertiary Care University Hospital in Nepal, *Asian Pacific Journal of Cancer Care*, June 2020
11. Initial Experience with Simple Oncoplastic Breast Conserving Surgery in Nepal: A Case Report, *Journal of the Institute of Medicine*, August 2020
12. Five-year trend of colorectal cancer incidence in B.P. Koirala Memorial Cancer Hospital of Central Nepal: a cross-sectional study, *International Journal of Surgery: Global Health*, November 2020
13. Simple Oncoplastic Breast Conserving Surgery for Breast Cancer in a University Hospital, *Kathmandu University Medical Journal*, July-September 2023
14. Modified lateral oncoplastic surgery for giant breast fibroadenoma with flat epithelial atypia: a case report, *EJMA*, Ahead of Print: EJMA-85057

Books

-  <https://essential-surgery.netlify.app>
-  <https://stats-fundamentals.netlify.app>
-  <https://diff-calculus.netlify.app/>
-  <https://socialmediamath.netlify.app>

Visibility

-  <https://sumankhanal.netlify.app/>
-  <https://orcid.org/0000-0001-6563-6294>
-  <https://github.com/sumanstats/>
-  <https://twitter.com/sumanstats>