DIPAK CHAULAGAIN

MD, MS, FMAS, PhD

Neurosurgeon | Associate Professor of Surgery | Leader in International Medical Education

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Professional Profile

Dynamic neurosurgeon, researcher and academic leader with a doctorate in neurosurgery and extensive experience in brain and spine surgery, neuro-oncology and minimally invasive techniques. More than 45 peer-reviewed publications, mainly on glioblastoma, extent of resection and surgical outcomes, cited in high-ranking journals. Proven administrative experience in international medical education. Currently serves as Vice-Rector for International Relations and Investments at Jalal-Abad International University (JAIU), Kyrgyzstan (2024-present), developing global partnerships, student recruitment and academic collaboration. Previously headed the academic department for international students at Jalal-Abad State University (2018-2021). Committed to advancing international medical education through evidence-based teaching, innovative research, interdisciplinary collaboration and students' successful completion of international licensing examinations (USMLE, PLAB, FMGE).

Current Positions 2024 to Present

• Vice-Rector for International Relations and Investments, Jalal-Abad International University (JAIU), Jalal-Abad, Kyrgyzstan.

Leads international student recruitment, global partnerships, academic mobility and investment initiatives at a growing medical university. Oversees cross-border collaboration, quality assurance of medical programmes and support for international students from diverse regions.

• Associate Professor, Department of Surgery (specialisation in neurosurgery), Jalal-Abad International University, Jalal-Abad, Kyrgyzstan.

Teaches surgery, neurosurgery, surgical techniques and research methodology; mentors medical students and residents; conducts clinical and academic research.

Key Professional Experience

• Neurosurgery Resident, Gleneagles Global Health City, India (1 September 2020 - 31 July 2021).

Managed complex brain and spine cases and neuro-oncological surgery, and led multidisciplinary teams.

• Head of the Academic Department for International Students, Jalal-Abad State University, Jalal-Abad, Kyrgyzstan (2018-2021).

Coordinated academic support, curriculum adaptation, cultural integration and academic performance programmes for international medical students; improved student retention and

achievement in global medical education.

• Internship, International Higher Medical University, Kyrgyzstan (1 July 2016 - 1 July 2017).

Gained foundational clinical experience across various healthcare institutions.

Education and Advanced Training

• PhD in Neurosurgery, Uzhhorod National University, Uzhhorod, Ukraine (15 August 2021 - 14 November 2024).

• Master of Surgery (MS), Kyrgyz State Medical Institute of Postgraduate Education, Kyrgyzstan (1 September 2017 - 31 August 2020).

• Medical Degree (MBBS), International Higher School of Medicine, Kyrgyzstan (1 September 2011 - 15 June 2016).

Specialised Fellowships and Certificates India 2023

• Fellowship in neuroendoscopic surgery, NSCB Government Medical College and Hospital.

• Transforaminal and interlaminar endoscopic fixation: cadaveric and hands-on workshop, Cheers Multispeciality Hospitals.

• Diploma and fellowship in minimally invasive surgery, World Laparoscopy Hospital / Nilim University.

• Basic training in robotic surgery and upper gastrointestinal endoscopy, World Laparoscopy Hospital.

Research and Publications

Active neuro-oncology researcher focusing on glioblastoma prognosis, extent of resection, astrocytoma outcomes, awake craniotomy and minimally invasive neurosurgery. More than 50 publications and approximately 95+ Google Scholar citations as of 2026, with recent works published in 2024-2025. Founder and Editor-in-Chief of the European Journal of Scientific and Multidisciplinary Research (EJSMR). Key recent publications and works in journals with an impact factor include:

• Impact of sleep deprivation on the academic performance of medical students at Central Asian International Medical University, Jalal-Abad, Kyrgyzstan (2025).

• Exploring the impact of subtotal resection on survival rates in glioblastoma: a case study (2025).

• Clinical benefits of multimodal imaging and neuromonitoring during awake craniotomy for low-grade glioma (2024).

• Systematic reviews and meta-analyses of survival in glioblastoma and astrocytoma (2022-2023).

• Case reports of rare tumours, including Langerhans cell histiocytosis and pituitary apoplexy.

The full list is available on Google Scholar and ResearchGate.

Language Skills

• Nepali: native language.

• Hindi: fluent.

• English: C2 listening and reading; C1 speaking; B2 writing. Fluent proficiency.

• Russian: B1 in all skills. Independent user.

Digital and Professional Skills

• Microsoft Office; SPSS statistical analysis.

• Neuronavigation; intraoperative MRI and ultrasound; endoscopic and robotic surgery.

• Research methodology; academic writing and editing; global mentoring. Prepared more than 2,000 students for USMLE, PLAB and FMGE examinations.

• Leadership in international medical education, curriculum development and quality assurance.

Conferences Awards and Memberships

• Presentations at international conferences, including the Ukrainian AKNS Conference on Endoscopic Surgery and the Annual Meeting of the European Society of Neurosurgery.

• Awards: Best Research Paper Award for glioblastoma research at the Uzhhorod Medical Student Conference; Outstanding Researcher recognition from Uzhhorod National University.

• Memberships: European Association of Neurosurgical Societies (EANS); International Society of Neuro-Oncology.

• Founding Editor-in-Chief of EJSMR; participant in global scientific collaboration.

Hobbies and Interests

Listening to music, travelling, academic mentoring and promoting medical research worldwide.

References

1. Professor Vladimir Smolanko, Rector, Uzhhorod National University, Ukraine.
2. Professor Kaneshbek Usenov, Rector, B. Osmonov Jalal-Abad State University, Jalal-Abad, Kyrgyzstan.
3. Associate Professor Mirsadyk Narbaev, Rector, Jalal-Abad International University, Jalal-Abad, Kyrgyzstan.
4. Professor Sunil Munakomi, Head of the Department of Neurosurgery, Birat Medical College, Nepal.