

"Learn from the best, improve on it & hand it over to the next generation"



ANNAPURNA NEUROLOGICAL INSTITUTE & ALLIED SCIENCES

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A Brief Institutional Overview



Introduction

Annapurna Neurological Institute & Allied Sciences (ANIAS) is a 100 bedded multispecialty hospital located in the heart of Kathmandu, Nepal. Since its inception in 2009 as a rehabilitation center, the excellent health services at an affordable cost have enabled ANIAS to transform into a full-fledged hospital that provides holistic treatment service with a multi-disciplinary framework. The objective of the hospital is to deliver & disseminate accessible high-quality medical service to the National and International people and which can be duplicated through standardization of the process combining the finest expert mind and advance technology. To achieve this excellence, the hospital abides by the motto of "Learn from the best, improve on it & hand it over to the next generation".

Clinical Profile of ANIAS

Since the establishment, the competent team of ANIAS has already performed over 12000 surgeries till date (76% of which is neurosurgical case). On an average there are more than 37000 OPD patients and 2800 Inpatients per year.

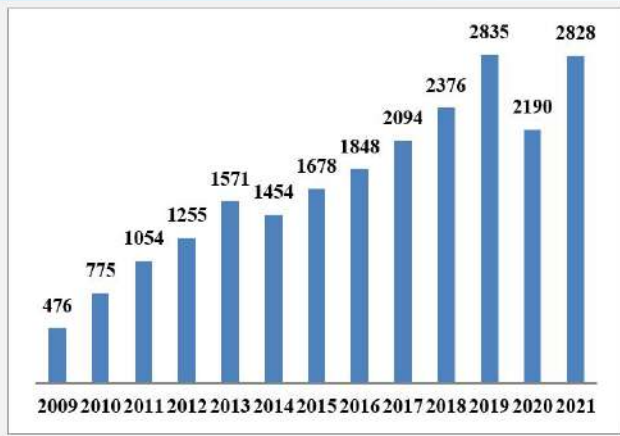


Neurosurgeons

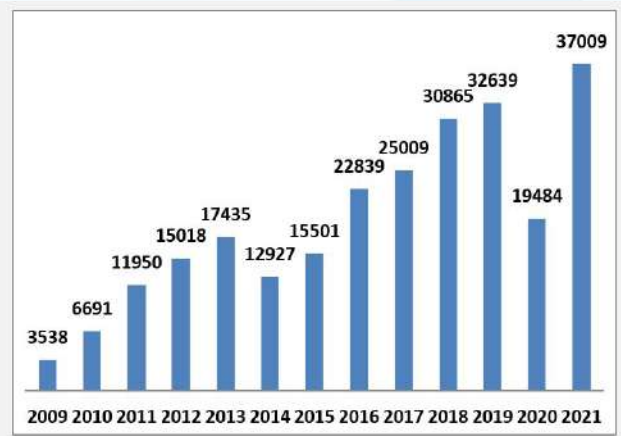


Neurosurgery Residents

ANIAS has 3 Modular Operation Theater, 3 State of art- Operation Theater, Standard Ward, deluxe cabin, ICU, Step-down ICU, Emergency & Observation Room. Similarly, diagnostic department consists of 3T MRI, 64 slice CT scan, Intra-operative CT scan, Cath-lab, Video EEG, NCT, ECHO, USG, Endoscopy/colonoscopy, PFT, PRP & X-ray.



OPD Trend from 2009-2021

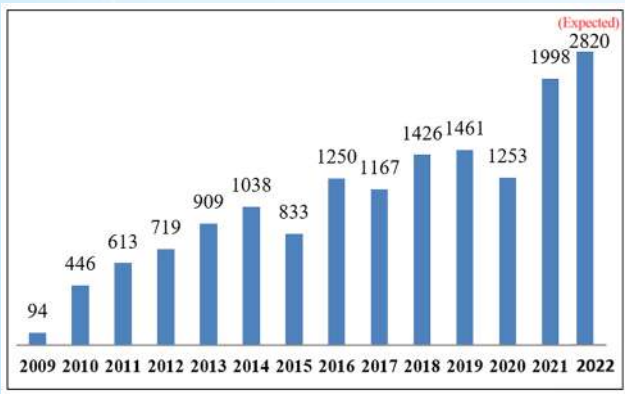


Inpatient Department Trend from 2009-2021

Health Care Specialists at ANIAS

The Institute has achieved its success due to fine experts from different specialist. We do have multispecialty departments within a roof including:

- | | |
|-------------------------------------|------------------------|
| 1. Neurosurgery-8 | 11. Rheumatology-1 |
| 2. Neurology-3 | 12. Plastic Surgery-1 |
| 3. Neuropsychiatry-3 | 13. General Surgery-2 |
| 4. Orthopedics Surgery-2 | 14. Vascular Surgery-2 |
| 5. Gynecology-1 | 15. Radiology-3 |
| 6. Internal Medicine-1 | 16. Anesthesiology-4 |
| 7. Otolaryngology-1 | 17. Pathology-2 |
| 8. Maxillofacial Surgery-1 | 18. Urology-1 |
| 9. Cardiology-1 | 19. Biomed. Engineer-2 |
| 10. Ophthalmology-2 | 20. Alternative Med.-2 |
| 21. Physiotherapy/ Rehabilitation-8 | |



Surgery Trend from 2009-2022



Modular Operation Theater



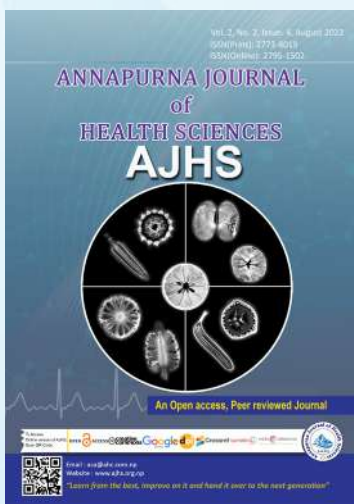
Intra - Operative CT scan

Modular Operation Theater is equipped with Neuro-Navigation, operating microscope, Argon Laser, Intra-Operative EEG, Neuro-monitoring system, Intra-operative CT scan

INSTITUTIONAL WINGS OF ANIAS

Clinical Wing

- Multispecialty Diagnostic & Treatment Unit
- Rehabilitation
- 24 hour Emergency
- State-of Art Operation Theater
- Quality Treatment by experts
- High-tech and advanced technology



Academic Wing

- FCPS Neurosurgery Program
- FCPS Radiology, Anesthesia, Orthopedics
- Critical Care Nursing Training
- ACLS/BLS Training
- Workshops/ Seminars/ CME
- International exchange internship
- Institutional Journal
- 24 hours Library



Research Wing

- Basic to Molecular Level Research Lab
- Institutional Review Committee
- Molecular research Training
- Research Methodology Training
- Research Grants
- Numerous Published papers
- Anti-Cancer & Animal Research



Molecular Laboratory



Tissue Culture Technology



Research Training



International Collaboration



Epilepsy Camp in Rural Nepal

Public Health Wing

- Periodic Epilepsy Screening Camp
- Cardiac Screening Camp of Children
- International collaboration grants for health
- Corporate Social Responsibility
- Health Informative Media programs
- Conference Workshop & Interaction Program
- Future work on Mobile Epilepsy Hospital



Children Cardiac/Neuro Screening Camp



International Cysticercosis Conference



Talk program on fall injury

Digitalised Medical Health Record

From last 7 years, all the patient's health check-up records has been digitalized in mobile based application called Mobile Health Record(MHR).



Before MHR



After MHR



Film-less Radiology Network

All the Institutional Radiology data are circulated through networking inter and intra departmentally. This allows accessible and prompt diagnosis and



treatment of the patient. This film-less networking has also been beneficial for academic and research purpose at the institute.

The Yeti Show (You-tube Channel)



ANIAS has been running a You-tube channel named "The Yeti Show" since last 2 years with more than 80 episodes till date. The show compromises of health related informative talks & web series.



OUR TECHNOLOGY & SURGICAL PROFILES

64 Slice CT Scan



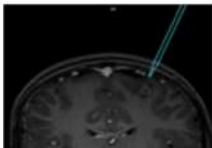
3 Tesla MRI



Neuronavigation 2016

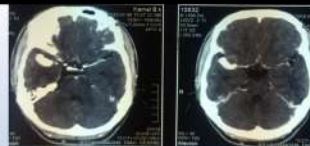
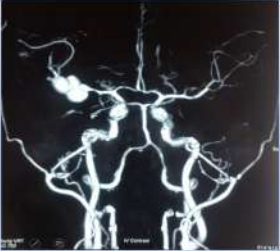
Easy Nav

- Developmental partner
- Less expensive
- Very easy to use & accurate



21 yrs/M headache, left sided hemiparesis vomiting, GCS:15/15

Fusiform Aneurysm, no obvious neck



Y-configuration



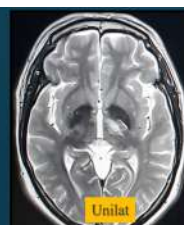
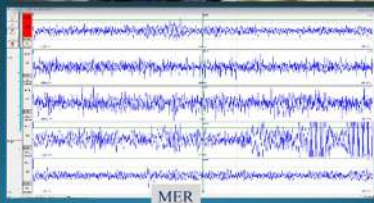
Trapping after bypass



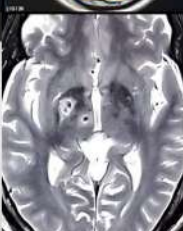
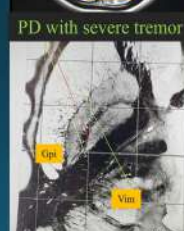
Giant aneurysm double bypass

Accuracy & Safety

- Awake surgery
- Phantom Simulation
- C-arm verification
- Micro-electrode recording



Gpi Pallidotomy for PD, General Dystonia, Cervical Dystonia



VOA-VOP Thalamotomy TSFD

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