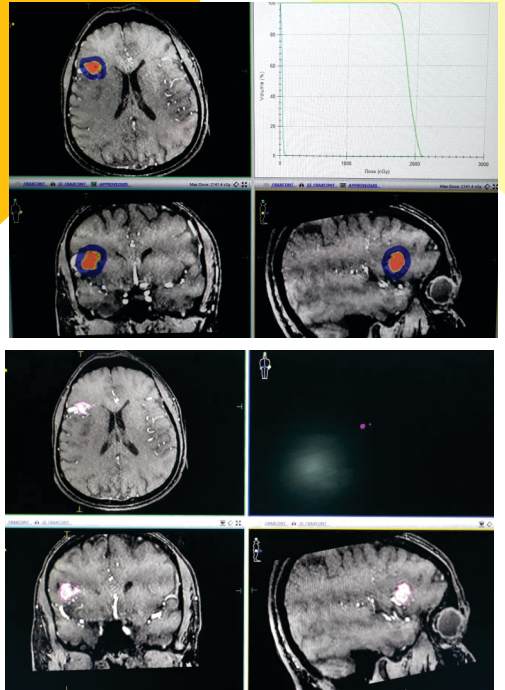


# Functional Neuro Radiosurgery at Zydus Cancer Centre



- Zydus Cancer Centre, Ahmedabad after running Neuro Radiosurgery (SRS) program successfully, started functional SRS with a case of frontal arteriovenous malformation (AVM).
- A 24 years male with complaints of headache found to have 18×12mm AVM on MRI. The lesion though never bleed, was SM grade 1 in nondominant location, had a feeder from MCA branch and draining into right sigmoid sinus on DSA.
- Neurosurgeons Dr. Dipak Patel, Dr. Kalpesh Shah and Radiation Oncologist Dr. Sandeep Jain collaborated and 18 gy peripheral dose was given linac based SRS technique.
- ZCC has versa HD with FFF and 6D couch for SRS which is the latest for such cutting edge procedures.

## ZYDUS CANCER CENTRE

Zydus Hospitals Road, S.G. Highway,  
Thaltej, Ahmedabad - 380 054, Gujarat.

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Please Contact: +91 72290 47022



## Dr. Sandeep Jain's Profile:



- He has over 15 years of experience and is presently working as a Senior Consultant Radiation Oncologist at Zydus Cancer Centre, Ahmedabad.
- He got training from renowned **Tata Memorial Centre, Mumbai** for 3 years
- He has done a research fellowship in Head & Neck High Precision Radiotherapy
- He pursued fellowship at **Clatterbridge Cancer Centre, Liverpool** for Lung stereotactic body radiotherapy and **Cipto Mangunkusumo National General Hospital, Jakarta, Indonesia** and specialised in high precision radiotherapy in Head and Neck Cancers
- He has eight and half years work experience include **Mazumdar-Shaw Medical Center, Narayana Health City (NH) main campus, Bangalore**
- He was instrumental in developing **cranial stereotactic radiosurgery (SRS)** program with x-knife with good long term follow ups of patients in addition to administrative responsibilities.
- He is also ECFMG certified with more than 10 indexed publications including 6 original articles in international journals and many faculty presentations in national and international conferences
- He has a vast experience on radiation therapy equipments and planning systems of different techniques including the high end techniques like IMRT, IGRT, VMAT, SRS, SBRT, TBI, Electron Therapy, Brachy Therapy.

### Areas of Interest:

High Precision Radiotherapy (IMRT) in Head and Neck (laryngo-pharyngeal) Cancers, Re-radiation, Cancer Survivor Rehabilitation, Cranial Stereotactic Radiosurgery, Lung SBRT, Neuro-oncology

## Scope of Services & Our Services:

- Three Dimensional Conformal Radiotherapy (3DCRT)
- Intensity Modulated Radiotherapy (IMRT)
- Image Guided Radiotherapy (IGRT)
- Volumetric Modulated Arc Therapy (VMAT)
- Stereotactic Radiosurgery & Radiotherapy (SRS/SRT)
- Stereotactic Body Radiotherapy (SBRT)
- Total Body Irradiation (TBI)

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