

## Dr. Rakesh Jalali, MD



### *Affiliation:*

Associate Professor,  
Radiation Oncology  
Convener, Neuro Oncology Group,  
Tata Memorial Hospital,  
Mumbai

### **Areas of Interest:**

Guiding several prospective studies, with intramural and extramural, national and international funding

- Evaluation of high precision techniques of radiotherapy
- Late term toxicities and quality of life
- Biological imaging
- Molecular prediction and clinical evaluation of new agents in NeuroOncology
- Breast cancer

### **Education:**

1994 M.D (Radiotherapy and Oncology), PGIMER Chandigarh  
1997-99 NeuroOncology fellowship, Royal Marsden Hospital, London, UK

### **Professional background:**

- Associate Professor & Radiation Oncologist, Tata Memorial Hospital, Mumbai (since 2000 till date)
- Convener of the Neuro-Oncology group and a member of the Breast Cancer unit

### **Awards and honours:**

- Visiting Professor, University of Wisconsin, Madison (USA)
- Award for Excellence for Original Research in "Quality of life in NeuroOncology" at SNO 2007, Dallas.
- Member of several national and international professional organisations including ESTRO, ASTRO, SNO, AROI.
- Founder General Secretary of the Indian Society of NeuroOncology (ISNO)
- Expert Reviewer for Indexed Journals including IJROBP, Clinical Oncology, Neurology India, IJEB and JCRT.
- Editorial Board of Mammology, Neurology India and JCRT (Associate Editor)
- Incharge of the "Brain Tumour Foundation of India", a charity organisation dedicated for patients with brain tumours and their families
- Conceptualised and made "Bust that Noma", an exciting "Animation film" for children with Cancer, which won the Best film FRAMES awards 2005

### **Publications:**

103 peer reviewed publications, mainly in the field of Radiation Oncology, NeuroOncology and Breast Oncology

### **Selected Recent Publications:**

1. Jalali R, Mallick I, Dutta D, Goswami S, Gupta T, Munshi A, Deshpande D, Sarin R. Factors influencing neurocognitive outcomes in young patients with benign and low-grade brain tumors treated with stereotactic conformal radiotherapy. *Int J Radiat Oncol Biol Phys.* 2009 Oct 26. [Epub ahead of print].
2. Jalali R, Dutta D, Srinivas C, Munshi A, Limaye U, Goel A, Deshpande D, Sarin R. Micromultileaf collimator-based stereotactic radiosurgery for selected arteriovenous malformations: technique and preliminary experience. *J Cancer Res Ther.* 2009 Jul-Sep;5(3):186-91.
3. Jalali R, Raut N, Arora B, Gupta T, Dutta D, Munshi A, Sarin R, Kurkure P. Prospective evaluation of radiotherapy with concurrent and adjuvant temozolomide in children with newly diagnosed diffuse intrinsic pontine glioma. *Int J Radiat Oncol Biol Phys.* 2009 Jul 31. [Epub ahead of print]
4. Gupta T, Sarin R, Jalali R, Sharma S, Kurkure P, Goel A. A pragmatic clinicopathobiological grouping/staging system for gliomas: proposal of the Indian TNM subcommittee on brain tumors. *Neurol India.* 2009 May-Jun;57(3):247-51.
5. Sharma DS, Gupta T, Jalali R, Master Z, Phurailatpam RD, Sarin R. High-precision radiotherapy for craniospinal irradiation: evaluation of three-dimensional conformal radiotherapy, intensity-modulated radiation therapy and helical TomoTherapy. *Br J Radiol.* 2009 Dec;82(984):1000-9. Epub 2009 Jul 6.
6. Budrukkar A, Jalali R, Dutta D, Sarin R, Devlekar R, Parab S, Kakde A. Prospective assessment of quality of life in adult patients with primary brain tumors in routine neurooncology practice. *J Neurooncol.* 2009 Dec;95(3):413-9. Epub 2009 Jun 23.

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