

DR RAJEEV SHARAN

Name : Dr Rajeev Sharan
Designation : Consultant Head & Neck Surgical Oncologist

Work Contact Details: **Tata Medical Center**
New Town, Rajarhat,
Kolkata 700156.
Tel. +91-33-6605-7001
E-mail: rajeev.sharan@tmckolkata.com
rajeevs1909@gmail.com

Educational Qualifications

MBBS (AIIMS), 1993-1998
MS, Surgery (AIIMS), 1999-2002
ECFMG, USA certification, 2007
Surgical Oncology Senior Residency (IRCH, AIIMS), 2002-2005
MCh, Head & Neck Surgical Oncology (AIMS), 2005-2008

Details of Training and Experience

1. Undergraduate.: MBBS, AIIMS, New Delhi (1993-98): I did my MBBS from the premier medical institute of India, the All India Institute of Medical Sciences (AIIMS), New Delhi. This is the most prestigious medical school in India that selects the top 34 general meritorious candidates across the country.

2. Post Graduate: MS, Surgery, AIIMS, New Delhi (1999-2002): I learnt various surgical skills and principle of surgery during my surgical residency at AIIMS. I was exposed to laparoscopy, video assisted thoracic surgery and various major surgical procedures. I was rotated in Pediatric Surgery, Neurosurgery, Cardiovascular Surgery, Orthopaedic Surgery and Casualty and Emergency Medicine

3. Specialty Training.

Surgical Oncology, IRCH, AIIMS, New Delhi (2002-2005): During senior residency, I was exposed to modern multidisciplinary management of cancer of head and neck, breast, thorax, gastrointestinal tract, soft tissue sarcoma, and gynecological tract. During this period, I assisted and independently performed various major oncological surgeries. Also, I gained experience in diagnostic endoscopic procedures- upper GI endoscopy, colonoscopy, nasopharyngoscopy,

bronchoscopy and cystoscopy. During this period, I developed special interest in head neck oncology.

MCh, Head and Neck Surgical Oncology, Amrita Institute of Medical Sciences, Cochin (2005-2008): I was involved in comprehensive management of head and neck cancer patients. I assisted/ independently performed various head and neck oncological surgeries including surgery for oral cavity cancer, oropharynx, larynx, hypopharynx, paranasal sinuses, skull base, thyroid, and parotid. I learnt multidisciplinary team approach to head and neck cancer management. I got training in sentinel lymph node biopsy for head and neck cancer. I have a very good experience in minimal invasive surgery including laser and endoscopic laryngeal surgery. I have extensive training and vast experience in microvascular free flap reconstruction for head and neck, skull base and other sites. I have been well trained in skull base surgery for skull base tumors.

Clinical Appointments

Assistant Professor, Surgical Oncology, SVIMS, Tirupati (2008-2009): SVIMS is the only tertiary care center in whole of Rayalsema region of Andhra Pradesh state including 8-9 districts. Main case load was head and neck cancer cases. Oral cavity cancer is very common in this part of India. I started comprehensive surgical services for all types of head and neck cancer including oral cavity, oropharynx, larynx, hypopharynx, paranasal sinuses and skull base along with oncoplasty.

Consultant Head & Neck Surgical Oncologist, Dharamshila Cancer Hospital & Research Centre, Delhi (2009- 2010): Dharamshila cancer hospital is one of the oldest private cancer hospitals in Delhi. This is one of the few cancer hospitals in Delhi which have organ wise cancer management units. I was part of the head and neck surgical oncology unit. I was involved in management of head and neck cancer and microvascular free flap reconstruction.

Consultant Head and Neck Surgical Oncologist, Tata Medical Center, Kolkata (July 2010 onwards): Tata Medical Center is a state of art exclusive cancer center in the east and north-east region of India. This region is hot bed for oral cancer due to rampant use of tobacco, paan and gutkha. Department of head and neck oncology at Tata Medical center is very advanced and equipped with latest technology. This center has facility for comprehensive management of all head and neck cancers, including transoral laser microlaryngeal surgery, advanced cancer surgery, minimal invasive surgery, advanced skull base surgery and complex head and neck microvascular free flap reconstruction.

Memberships

Life Member: Foundation Head Neck Oncology of India (FHNO)
Indian Association of Surgical Oncology (IASO)
Association of Minimal Invasive Surgeons of India
Association of Surgeons of India (ASI)

Reviewer: Laryngoscope since 2007

Research Experience

1. **Efficacy of Different Regimens for Treatment of Lymph Node Tuberculosis: A Prospective Randomized Study**
Duration: Jan 2000 to Dec 2001
2. **Computerized prospective Soft Tissue sarcoma Data Base preparation and maintenance in the department of Surgical Oncology, IRCH, AIIMS**
Duration: Sep.2002 to Aug 2005
3. **Prevalence of hypothyroidism following treatment of head-neck cancer and its impact on quality of life- a prospective study**
Duration: December 2006 to July 2008
4. **Plate and Osteosynthesis Related Complications Associated With Postoperative Concurrent Chemoradiation**
Duration July 2006 to June 2007
5. **To isolate human oral cancer stem cells from patient's tumors and establishment of its primary culture**
Duration Aug 2012 onwards
6. **Carotid Artery Sparing Radiotherapy in Early Laryngeal Cancers (*CARSREL study*)** - one of the co-investigators
7. **Patients' perspective on radiotherapy treatment decision in locally advanced [stage III/IV] cancers of the head and neck (*PORDLA*)** - one of the co-investigators

Publications

1. Deo SV, Shukla NK, Raina V, Mohanti BK, **Sharan R**, Kar M, Rath GK. Organ-preserving multimodality management of squamous cell carcinoma of anal canal. *Indian J Gastroenterol*. 2005 Sep-Oct; 24(5):201-4.
2. Kuriakose MA, **Sharan R**. Oral Cancer Prevention. *Oral Maxillofac Surg Clin North Am*. 2006 Nov. 18 (4): 493-511.
3. Chatni SS, **Sharan R**, Iyer S, Kuriakose MA. Extended maxillectomy by transmandibular approach. *Amrita Journal of Medicine* 2007; 2:23-28
4. **Sharan R**, Sharma M, Vijayaraghavan S, Sasidharan PR, Kuriakose MA, Iyer S. Use of double free flaps for locally advanced lesions of head and neck. *International Journal of Oral & Maxillofacial Surgery*. November 2007 ;Vol. 36(11), 1054(abstract)
5. Kuriakose MA, Sorin A, **Sharan R**, Fishman AJ, Babu R, DeLacure MD. Quantitative Evaluation of Transtemporal and Facial Translocation Approaches to Infratemporal Fossa. *Skull Base*, 2008; 18: 17-27

6. Durah S, Thankappan KK, **Sharan R**, Kekatpure V. In reference to Classification and Management of Tracheoesophageal and Tracheopharyngeal Fistulas after Laryngectomy. *Laryngoscope* 2008, May;118(5):944
7. **Sharan R**, Iyer S, Chatni SS, Samuel J, Sundaram KR, Cohen RF, Pavithran K, Kuriakose MA. Increased plate and osteosynthesis related complications associated with postoperative concurrent chemoradiotherapy in oral cancer. *Head & Neck* 2008 ; Nov; 30(11):1422-30.
8. **Sharan R**, Sharma M, Vijayaraghavan S, Sasidharan PR, Kuriakose MA, Iyer S. A simplified technique of free flap pedicle transfer for Reconstruction of Defects Following Head and Neck Cancer Ablation. *J Surg Oncol* 2009; Jan 1; 99(1):80-1.
9. Thankappan KK, **Sharan R**, Iyer S, Kuriakose MA. Aesthetic and anatomic basis of modified lateral rhinotomy incision. *J Oral Maxillofac Surg.* 2009 Jan; 67(1):231-4.
10. Sharma M, Iyer S, Kuriakose MA, Sandeep V, Arun P, Sudhir VR, Chatni SS, **Sharan R**. Functional reconstruction of near total glossectomy defects using composite gastro mental – dynamic gracilis flaps. *J Plast Reconstr Aesthet Surg* 2009 Oct;62(10):1277-80.
11. Chatni SS, **Sharan R**, Patel D, Iyer S, Tiwari RM, Kuriakose MA. Transmandibular approach for excision of maxillary sinus tumors extending to pterygopalatine and infratemporal fossae. *Oral Oncol.* 2009 Aug;45(8):720-6
12. Battoo AJ, **Sharan R**, Ahmad SZ, Durah S, Kekatpure V. In Reference to "Impact of Second Primary Tumors on Survival in Head and Neck Cancer: An Analysis of 2,063 Cases". *Laryngoscope.* 2009 Jul 13. [Epub ahead of print].
13. Thankappan K, Kuriakose MA, Chatni SS, **Sharan R**, Trivedi NP, Vijayaraghavan S, Sharma M, Iyer S. Lateral arm free flap for oral tongue reconstruction: an analysis of surgical details, morbidity, functional and esthetic outcome. *Ann Plast Surg.* 2011 Mar;66 (3):261-6.
14. **Sharan R**, Thankappan KK, Iyer S, Panicker D, Kuriakose MA. Intraoperative transillumination to determine the extent of frontal sinus in subcranial approach to anterior skull base. *Skull Base.* 2011 Mar;21(2):71-4.
15. Shukla NK, Hazarika S, Deo S, Kar M, Kumar S, Samaiya A, **Sharan R**, Rath GK. Salivary gland tumours: profile and management at a tertiary cancer centre. *J Indian Med Assoc.* 2011 Jun;109(6):381-5.
16. Balasubramanian D, Thankappan K, Kuriakose MA, Duraisamy S, **Sharan R**, Mathew J, Sharma M, Iyer S. Reconstructive indications of simultaneous double free flaps in the head and neck: A case series and literature review. *Microsurgery.* 2012 Mar 21. doi: 10.1002/micr.21963. [Epub ahead of print]
17. Guha S, Guha R, Manikantan K, **Sharan R**, Arun P, Mallick I, Chatterjee S. Synchronous Bilateral Acinic Cell Carcinoma of the Parotid. *J Cancer Sci Ther.* 2012; 4: 092-093. doi:10.4172/1948-5956.1000118

Book Chapters

18. **Rajeev Sharan.**

Chemoprevention of head and neck cancer. In AHEAD Current Concepts in Head and Neck Oncology 2009, published by Foundation Head and Neck Oncology of India and Amrita Institute of Medical Sciences.

19. **Rajeev Sharan** and Anil D'Cruz.

Management of unknown primary with neck secondary. In AHEAD Current Concepts in Head and Neck Oncology 2009, published by Foundation Head and Neck Oncology of India and Amrita Institute of Medical Sciences.

20. **Rajeev Sharan** and Devendra Chaukar.

Mandible in oral and oropharyngeal cancers. In AHEAD Current Concepts in Head and Neck Oncology 2009, published by Foundation Head and Neck Oncology of India and Amrita Institute of Medical Sciences

Presentations

1. **Sharan R**, Garg S, Agarwal S, Kumar A.

Fulminant necrotizing fasciitis of the abdominal wall due to mucormycosis in an immunocompetent patient

Oral presentation at ASICON 2001 Delhi State Chapter

2. **Sharan R**, Kumar A, Sharma SK.

Efficacy of Different Regimens for Treatment of Lymph Node Tuberculosis: A Prospective Randomized Study

Oral presentation at ASICON 2002 Delhi State Chapter,

3. **Sharan R**, Deo SVS, Shukla NK.

Chest Wall Tumours: Result of Chest Wall Resection and Reconstruction, IRCH Experience

Oral presentation at ASICON 2004 Delhi State Chapter

4. **Sharan R**, Kuriakose MA, Iyer S, Vaidyanathan MK, Gopalakrishnan C.

Retrosternal goitre- a retrospective study

Oral presentation at Foundation Head and Neck Oncology 2006, national conference in Lucknow in January 2006

5. **Sharan R**, Kuriakose MA, Iyer S.

Vascular Lesions of Head and Neck- current concept

Poster presentation at KASICON 2006 in Cochin, Kerala, India in May 2006.

6. **Sharan R**, Sudhir VR, Narayanan G, Kuriakose MA, Iyer S.

Concurrent Chemoradiation Protocol, Compliance and Toxicity

Poster presentation at International Conference of Indian Association of Surgical Oncology and World Federation of Surgical Oncology 2006 in Varanasi, India from 21st to 24th September 2006.

7. **Sharan R**, Kuriakose MA, Iyer S.

Choice of free flap in head and neck reconstruction for head and neck neoplasm
Poster presentation at International Conference of Indian Association of Surgical
Oncology and World Federation of Surgical Oncology 2006 in Varanasi, India from 21st to
24th September 2006.

8. **Sharan R**, Kuriakose MA, Iyer S.

Use of Double free flaps for reconstruction of head and neck defect after tumor ablation-
our experience

Oral presentation at Foundation Head and Neck Oncology 2006, National conference in
Udaipur, India, from 27th to 29th October 2006

9. **Sharan R**

Voice Rehabilitation Strategies- Clinical Grand Round presentation Amrita Institute of
Medical Sciences, Cochin

10. **Sharan R**, Krishnakumar T, Kuriakose MA, Iyer S.

3D CT Based Contouring of Free Fibula Bone Flap for Mandibular Reconstruction

Poster presentation at National Conference of Indian Association of Surgical Oncology 2007
in Ludhiana

11. **Sharan R**, Sharma M, Sasidharan PR, Sandeep VR, Iyer S, Kuriakose MA.

Functional reconstruction of near total glossectomy defects using composite gastro
omental – dynamic gracilis flaps

National Conference of Indian Association of Surgical Oncology 2007 in Ludhiana

12. **Sharan R**, Kuriakose MA, Iyer S.

Increased Plate and Osteosynthesis Related Complications Associated With
Postoperative Concurrent Chemoradiotherapy in Head and Neck Cancer

Oral presentation at National Conference of Foundation Head Neck Oncology 2007

13. **Sharan R**, Kuriakose MA, Iyer S.

Use of double free flap for locally advanced head and neck cancer

Oral presentation at 18th International Conference of Oral and Maxillofacial Surgeon
2007 in November 2007 in Bangalore, India

14. **Sharan R**

Steps of total laryngectomy

Amrita head and neck PG teaching program, 2008, Cochin – Faculty Lecture

15. **Sharan R**, Krishnakumar T, Iyer S, Paniker D, Kuriakose MA,.

Intraoperative Transillumination to determine the extent of frontal sinus in subcranial
approach to anterior skull Base

Poster presentation in national conference of Foundation Head Neck Oncology 2009 in
Cochin

16. **Sharan R**

Invited faculty and Panelist for “management of gingivobuccal cancer”

National conference of Foundation Head Neck Oncology 2009 in Cochin

17. **Sharan R**

Moderator for live head and neck cancer operative workshop

East Zonal Surgical Oncology Conference 2010, organized by IASO & CCWHRI,
Thakurpukur, Kolkata

18. **Sharan R**

Invited faculty and Panelist for “head and neck reconstruction”
Multidisciplinary Cancer symposium April 2011, Jalandhar, Punjab

19. Sharan R

Management of clinically N0 neck in head and neck cancer
Invited faculty and keynote speaker in “Evidence Based Guidelines for Management of Head & Neck Cancer & Surgical Workshop” organized by Mazumdar Shaw Cancer Centre, Narayana Hrudayala, Bangalore in May 2011

20. Sharan R

Panelist for Controversies in Organ Preservation - Balancing Recent Advances & Feasibility in Indian Population in “ Evidence Based Guidelines for Management of Head & Neck Cancer & Surgical Workshop” organized by Mazumdar Shaw Cancer Centre, Narayana Hrudayala, Bangalore in May 2011

21. Sharan R

“Management of head and neck cancer: an overview”
Invited speaker in TALEs 2011, Tata Medical Center, Kolkata

22. Sharan R

“Head and neck cancer: an overview”
Invited Lecture for nursing staffs, Tata Medical Center, Kolkata, 2011

23. Sharan R

Panelist for “management of well differentiated thyroid cancer”
Head and neck conference, June 2011, Medical College, Kolkata

24. Sharan R

Panelist for “conservative laryngeal surgery for laryngeal cancer”
Head and neck conference, June 2011, Medical College, Kolkata

25. Sharan R

Invited faculty and Panelist for “management of head and neck cancer”
Best of ASCO 2011 in Pune, from 15th - 17th July 2011.

26. Sharan R

Invited speaker for “surgical management of oral cancer”
Annual conference of Association of Oncologists of North East India, held at Aizwal, Mizoram, 24-25th February 2012

27. Sharan R

Invited speaker for “Surgery of Head and Neck Cancer; TMC experience”
Recent advances in Head and Neck Cancer Management, Medical College, Kolkata on 24th March 2012

28 Sharan R

Faculty lecture on “Management of neck in oral squamous cell cancer”
First 'Setting Standards in Head and Neck Cancer Care - FHNO tour 2012'
Organized by Tata Medical Center, Kolkata, 6th-8th April 2012

29. Sharan R

Panelist for “reconstruction of oral cavity defects after cancer ablation”
First 'Setting Standards in Head and Neck Cancer Care - FHNO tour 2012'
Organized by Tata Medical Center, Kolkata, 6th-8th April 2012

30. Sharan R

Panelist for “role of neoadjuvant chemotherapy in management of locally advanced hypopharyngeal carcinoma”

In Head and neck expert forum (ENCEF 4) in Kolkata, May 2012

31. **Sharan R**

“Approach to mandible in head and neck cancer”

Speaker in TALES May, 2012, Tata Medical Center, Kolkata

32. **Sharan R**

Invited faculty and Panelist for “laser vs radiotherapy for management of carcinoma larynx”

3rd International Voice-con-2012 in Lucknow, September 2012

33. **Sharan R**

Invited faculty and Panelist for “management of salivary gland tumor”

IFHNOS / FHNO 2012 (The International Federation of Head & Neck Oncologic Societies & 12 th National Conference of FHNO) at Ahmedabad, 12th-14th October 2012

34. Rajdeep Guha, Gautam Biswas, **Rajeev_Sharan**, P. Arun, Kapila Manikantan

“Perforator flap: an emerging dimension in head and neck reconstruction” - a poster presentation in IFHNOS / FHNO 2012 (The International Federation of Head & Neck Oncologic Societies & 12th National Conference of FHNO) at Ahmedabad, 12th-14th October 2012- got the **best poster award**