

PROF. ASHOK R. MEHTA

MS, FICS, FRCS (GLASGOW)

DR. B. NANAVATI HOSPITAL

MUMBAI - 400 056, INDIA

DATE OF BIRTH : December 14, 1937.

PRESENT APPOINTMENTS :

1. Hon. Medical Director & Consultant Cancer Surgeon, BSES Municipal General Hospital, Mumbai.
2. Hon. Medical Director, J. W. M. Global Hospital and Research Centre, Mount Abu.

PAST APPOINTMENTS :

1. Retired as Professor and Head, Dept. of Surgery, Tata Memorial Hospital, Bombay, on December 31, 1997.
2. Retired as Surgeon and Chief of Head & Neck Service `A', Department of Surgery, Tata Memorial Hospital, Bombay, on December 31, 1997.
3. Resigned as Head of Department of Oncology, Dr. Balabhai Nanavati Hospital and Medical Research Centre, Mumbai.
4. Resigned as Surgical Oncologist, Lilavati Hospital & Research Centre, Mumbai.
5. Resigned as Surgeon, Department of Oncology, Jaslok Hospital & Research Centre, Bombay, on July 1, 1996.

INTERNATIONAL ACADEMIC HONOURS :

1. Faculty member, Advanced Course of Head and Neck Surgery, Academy of Medicine, Singapore, 1985.
2. Guest Speaker, Surgical Society of Singapore and Academy of Medicine, Singapore, 1988.
3. Special invitee, Annual Conference of the American College of Surgeons, New Orleans, 1986.
4. Special invitee, American Association of Surgeons of Indian Origin (AASIO), New Orleans, 1986.
5. Special invitee, Annual Conference of the Royal College of Surgeons of Edinburgh, 1987.
6. Conference Lecture, Conservation Surgery of Larynx, Eighth British Academy of Otolaryngology Conference, Dublin, Ireland, 1991.
7. Panelist, Multimodal Treatment of Oral Cancer, Third International Head and Neck Conference, San Francisco, 1992.
8. Guest Lecture, the Role of Developing Countries in International Controlled Clinical Trials, International Federation of Head and Neck Oncologic Societies, San Francisco, 1992.
9. Panelist, Primary Tracheoesophageal Puncture, Joint Meeting of Society of Head and Neck Surgeons and European Organization for Research and Treatment of Cancer, Paris, 1994.

PROFESSIONAL HONOURS :

A. INTERNATIONAL :

Awarded the Lifetime Achievement Award for outstanding contribution to Head & Neck Oncology in India, in Oct 2010 at the 10th Foundation of Head and Neck Oncology Annual National Conference, in association with International Federation of Head & Neck Oncology Societies (IFHNOS)

Elected fellow qua surgeon of the Royal College of Physicians and Surgeons of Glasgow (FRCS)

Scientific & Medical Advisor for the Brahma Kumaris' Janki Foundation for Global Health Care, UK

Co-ordinator for the Values in Healthcare project in India for the Brahma Kumaris' Janki Foundation for Global Health Care, UK

Fellow, International College of Surgeons, Indian Chapter

Member, International Society of Surgery, Brussels, Belgium

Foreign Corresponding Member, Society of Head & Neck Surgeons, USA

Member G.E.T.T.E.C. (Groupe D'Etude Des Tumeurs De La Tete Et Du Cou), France

Member, International Committee of "The Achievement of Science and Research for the Benefit of the Working People", General Federation of Labour, Israel

Founder member, International Federation of Head and Neck Oncologic Societies

B. NATIONAL :

Honoured with the Dr. D. J. Jussawala Oration by the Advanced Centre of Radiation Oncology in November 2009, for the outstanding contribution to oncology and society

Awarded the Dr. B. C. Roy National Award 1997 in the category of Development of Specialities in Different Branches of Medicine

President, Indian Society of Head and Neck Oncology

President, Indian Society of Oncology, 1996-98

President, Medical Wing of Brahma Kumaris

Member, Scientific Research Committee, The Gujarat Cancer Society

CV, ARM, 4

President, Association of Surgeons of India, 1986

President, Oncology Section, Association of Surgeons of India (now designated as the Indian Association of Surgical Oncology), 1981

President, Raja Yoga Medical Foundation, 1994-1996

Founder Secretary, Oncology Section, Association of Surgeons of India, 1976-1980

Honorary Secretary, Indian Association of Oncology, 1980-1984

Honorary Secretary, Indian Society of Oncology, 1988-1992

Founder Secretary, Indian Society of Head and Neck Oncology, 1985-1989

Member, Governing Council of the Association of Surgeons of India, 1980-1986

MEDICAL EDUCATION :

Seth G. S. Medical College,
Bombay.

MBBS

April 1960.

MS (Gen. Surgery)

November 1964.

PROFESSIONAL EXPERIENCE :

1999 - 2008

Hon. Consultant (Surgical Oncologist),
Lilavati Hospital, Mumbai

1975 - 2008

Head, Dept. of Oncology, Dr. B.
Nanavati Hospital, Mumbai

1975 - 1997

Surgical Oncologist, Jaslok Hospital,
Mumbai

January 1996 – December 1997

Professor & Head, Dept. of Surgery,
Tata Memorial Hospital, Mumbai

1974 – December 1997

Surgeon, Tata Memorial Hospital &
Chief of Head and Neck Service 'A'.

September 1970-1974

Asst. Surgeon, Tata Memorial Hospital.

January 1970-June 1970

Resident, Head & Neck Surgery,
Roswell Park Institute, Buffalo, USA

October 1969-December 1969

Senior House Officer,
London Chest Hospital, London.

July 1969-September 1969

Senior House Officer,

	King Edward Memorial Chest Hospital, Warwick.
August 1968-December 1968	Travelling Fellow, Indian Cancer Society and Tata Memorial Hospital.
November 1964-June 1968	Surgical Registrar, Surgical Oncology, Tata Memorial Hospital.
October 1963-October 1964	ICMR Research Fellow, Department of Surgery, KEM Hospital.
March 1963-September 1963	House Surgeon, Surgical Oncology, Tata Memorial Hospital.
September 1962-February 1963	House Surgeon, Thoracic Surgery, KEM Hospital.
March 1962-August 1962	House Surgeon, Orthopaedic Surgery, KEM Hospital.
August 1961-February 1962	House Surgeon, General Surgery, KEM Hospital.

DEVELOPMENT OF SPECIALITY :

1. **Developed and pursued an early interest in Continuing Medical Education and Organization of Oncology Services.**
2. Performed and supervised a large number of major, complex cancer operations and developed many new techniques.
3. **Introduced many new techniques** for the first time in the country:
 - Primary Reconstruction using the Deltopectoral Flap after Major Head and Neck resections.
 - Craniofacial Surgery.
 - Mandible Preserving Operations.
 - Conservation Laryngeal Surgery.
 - Voice Restoration Procedures.
4. **Trained over 20 dedicated Head and Neck Surgeons practicing the speciality all over the country.**
5. Trained over 25 Ear, Nose and Throat Surgeons in Head and Neck Surgery through Short-term Fellowships Programme at the Tata Memorial Hospital. These fellowships, sponsored by the Parikh Foundation through the Indian Society of Head and Neck Oncology, have enabled surgeons in training, young consultants to visit Bombay and work with Dr. Mehta at the Tata Memorial Hospital for a period of approximately 12 weeks.
6. He trained over 100 Residents on his service.
7. **Established Travelling Fellowships** for advanced training of young surgeons at the Memorial Sloan-Kettering Cancer Center, New York through the Diwaliben Mohanlal Mehta Charitable Trust.

The objective of this fellowship was to provide them with an opportunity to learn and disseminate state-of-the-art techniques in Head and Neck Surgery and Surgical Research.
8. Head and Neck Surgery, in the past decade, has grown as a Superspeciality due to his efforts **and attracted a number of young surgeons to Head and Neck Surgery.**
9. Encouraged development of Reconstructive Techniques using Microvascular Free Flaps for better functional and cosmetic results through Workshop and Technology Transfer Programmes ensuring its wide acceptance.

10. Effected a Paradigm Shift from Radical to Conservation Laryngeal Surgical Procedures leading to preservation of voice.
11. Added a New Dimension to the Treatment of patients undergoing Laryngectomy with the offer of Immediate Voice Restoration through Primary Tracheoesophageal Puncture and Blom-Singer Prosthesis. This was distinctly a quantum advance in vocal rehabilitation especially in our country where literacy rates are low.
12. Popularized various other surgical procedures through Live and Video-Assisted Lecture Demonstrations throughout the country.
13. Live and Video demonstration of other procedures like:
 - Tracheoesophageal puncture for voice restoration following laryngectomy.
 - Vertical and horizontal conservation laryngectomy to preserve the voice.
 - Preservation of parathyroids and recurrent laryngeal nerves in thyroid surgery.
 - Conservation modified neck dissections to preserve shoulder function by saving the spinal accessory nerve.
 - Preservation of Greater Auricular Nerve in Parotid Surgery.
 - Technique of Tracheal Resection and Primary End-to-End Tracheal Suturing for Recurrent Cancer of the Thyroid.
 - Surgical Technique of Removal of Retropharyngeal Hemangioma.

Video cassettes of these procedures were distributed at subsidized cost to medical colleges.

14. Contributed extensively to the Training, Patient Care and Clinical Research in the field of Head and Neck Surgery in the country.
15. **Responsible for the status India enjoys among the International Federation of Head and Neck Oncologic Societies.**
16. Provided direction, guidance and leadership, besides raising resources, for training programmes of the oncologic societies.

CONTRIBUTION TO THE TATA MEMORIAL HOSPITAL

ORGANIZATIONAL LEVEL :

1. He actively participated in the meetings of the Department of Surgery.
2. His creative suggestions contributed to the
 - Development of Regional Specialities
 - Creation of the Department of Preventive Oncology.
 - Streamlined the working of the Head and Neck Services.
3. He pioneered the Continuing Medical Education Programmes at the Tata Memorial Hospital.

CLINICAL :

1. All new patients are evaluated personally leading to a reduction in the number of investigations, endoscopies and to early initiation of treatment.
2. Established Surgery and postoperative Radiation Therapy as standard treatment for Stage III and IV Oral and Hypopharyngeal cancers.
3. Eliminated tracheostomy to a large extent even in obstructing cancers of the larynx through laser treatment, early admission and definitive surgery.

REFINEMENTS OF SURGICAL TECHNIQUES :

1. Reduced operative blood loss by using Hypotensive Anesthesia in all Head and Neck operations, thereby eliminating the need for blood transfusion.
2. Promoted the use of Modified Neck Dissections with an aim to reduce postoperative morbidity. Improved the technique of Spinal Accessory Nerve preservation.
3. Introduced Primary Tracheoesophageal Puncture and Blom-Singer Prosthesis for Early Restoration of Lung-Powered Voice.
4. Replaced Total thyroidectomy with Thyroid Lobectomy as the standard operation for well differentiated thyroid cancers in low risk patients

since the last 10 years on his service. This has minimized the use of radioactive iodine therapy.

5. He popularized Mandibular Conservation Approaches i.e. Marginal Mandibulectomy for suitable Oral Cavity cancers and Mandibulotomy for access to posteriorly located Oral and Oropharyngeal cancers. This has significantly reduced the postoperative functional impairment. Fixation of the Mandible is done using Mini Plates for improved stability and early return to function.
6. Improved the technique of Supraglottic Laryngectomy by preservation of at least one Superior Laryngeal Nerve to anteriorly based Laryngeal Suspension by utilizing a suture from the mandible to the upper edge of the thyroid lamina following Supraglottic Laryngectomy. This has led to reduced aspiration and early rehabilitation of these patients.
7. Another laryngeal conservation procedure, the Vertical Hemilaryngectomy is utilized in early Stage III and in Post Radiation Residual/Recurrent cancers of the glottis.
8. Refined the Technique of Total Laryngectomy.
9. Developed the technique of Tracheal Resection and end-to-end anastomosis for primary cervical tracheal tumours and airway invasion by thyroid cancers.
10. Refined the technique of Craniofacial Resections.

TEACHING :

POST GRADUATE TEACHING :

1. He is a Post Graduate Teacher in General Surgery of the University of Bombay since 1982.
2. He introduced Video-demonstrations of live operative procedures for surgical education.
3. He conducts Special Lectures for students of the University of Bombay.
4. He has written a text book for Post Graduate students on Oncology.

5. He uses his personal specialized equipment like Yashica Dental Eye II camera for close-up intraoral photography and Video-endoscopy camera for teaching Residents and for records.

PROFESSIONAL TRAINING :

1. Successfully initiated efforts to introduce M.Ch. (Surgical Oncology) at the University of Bombay.
2. Training of the Fellows and Oncology Trainees.

RESEARCH :

A. BASIC :

1. Oncogene Profile in Oral Cancer Tumor Tissues and its Preneoplastic conditions: Amplification, activation and gene cloning: Investigators - Dr. M.G. Deo, Dr. (Mrs.) Dhananjaya Saranath, Dr. A.R. Mehta. Cancer Research Institute, Tata Memorial Hospital, Bombay.
2. Submucous Fibrosis, Electron Microscopic and Immunological Studies done in collaboration with Dr. (Mrs.) S. M. Sirsat. Cancer Research Institute, Tata Memorial Hospital, Bombay.

B. CLINICAL :

1. Ongoing evaluation of Post Laryngectomy Voice after by Primary Tracheoesophageal Puncture and Blom-Singer Prosthetic valve placement. At present our long-term success rate is just under 70%.
2. Prospective, functional assessment of Near Total Laryngectomy for Cancers of the Larynx and Pyriform Sinus.
3. Ongoing retrospective analysis of patients who have undergone laryngectomy and partial pharyngectomy for Pyriform Sinus Cancer to evaluate the results of Primary Surgery and postoperative Radiation Therapy.
4. Retrospective analysis and literature review of Mediastinal Dissection for Thyroid Carcinoma.
5. Studied the use of kinetically based Multi Drug Regimen Protocol (Price Hill Regimen) using Bleomycin, 5 Fluorouracil, Mitomycin C, Methotrexate and Vincristine in a controlled study of 42 cases of squamous cell carcinoma of base of tongue.

Included for Meta-Analysis of Chemotherapy in Head and Neck Cancer initiated by the Institut Gustave Roussy, Villejuif (France) in June 1994.

6. Participated in investigations of 5 Fluorouracil as adjuvant therapy in gastrointestinal and ovarian cancers.
7. Investigated the role of Intra-Arterial Regional Chemotherapy in advanced unresectable cancers of Head and Neck.
8. Presented over 160 scientific papers at national and international conferences including guest lectures, key note addresses and orations.

Published over 70 scientific papers in national and international journals, monographs, text books and publication n recent advances.

PLANNING, HUMAN RESOURCE DEVELOPMENT AND ADMINISTRATIVE EXPERIENCE - NEW DEPARTMENTS AND INSTITUTIONS :

1. Appointed Head of Department of Oncology, Dr. B. Nanavati Hospital, 1975.

Planned the R. M. Nanavati Cancer and Nuclear Medicine Institute in the 450-bedded multispeciality hospital.

Commissioned the Departments of Radiation Oncology, Surgical Pathology, Nuclear Medicine, Endoscopy, and Radio-immunoassay Laboratories and sourced the personnel by 1980.

The unit treats more than 1200 patients every year.

2. Member, Board of Trustees, J. Watumull Global Hospital and Research Centre, Mount Abu, Rajasthan.

Initiated, planned and was responsible for setting up a 120 bedded facility in the Adivasi belt of Sirohi district.

Introduced the concept of Health Promoting Hospitals jointly developed by University of Vienna and by WHO - Europe.

Project Details :

Project Cost	:	Rs. 125 million (12.5 crores)
Land	:	4½ acres.
Built-up area	:	125,000 square feet.
Facility consists of	:	15 Out Patient Departments. 4 fully equipped operating rooms. 8 bedded Intensive Care Unit. Radiation Oncology. Central Sterilized Supply.

Introduced a programme of Self-Managing Leadership (SML) to bring about basic behavioural changes and positive thinking based on concepts of Raja Yoga.

As a trustee and visionary, he developed the concept into a functional plan, set up its administration, developed human resources, trained appropriate medical, paramedical and administrative staff and helped in financial planning. Project reports were prepared in consultation with a health care group.

Developed a Village Outreach Programme which has attracted international attention. Significant funding was raised for a Mobile Hospital Van, an Ambulance, hospital beds, Sonography equipment, Sterilizers, Endoscopes, Surgical Instruments, Lap Surgery Instruments, an Operating Microscope and Solar Heating equipment from American, Swiss, German, Japanese and Australian Charities.

3. Member, Board of Trustees, proposed Cancer Hospital planned by the Foundation for Applied Research on Cancer (FARC), New Delhi.

Developed the Lions Cancer Detection, Diagnosis and Treatment Centre within the premises of Medical College Hospital, Surat.

Developed the practical concept to establish cancer treatment centres within large community hospitals and medical colleges where basic infrastructural facilities already existed.

Established Early Detection Clinics, Operating Room for Day Care, Departments of Radiation Oncology, Nuclear Medicine, Diagnostic Endoscopy, Cytology and Pathology.

4. Member, Advisory Board, Cancer Care Trust Hospital, Indore.
5. Member, Advisory Board, Indian Institute of Head and Neck Oncology, Indore.
6. Member, Advisory Board, Jawaharlal Nehru Cancer Hospital, Bhopal.
7. Member, Advisory Board, Lilavati Hospital, a multispeciality hospital in Bombay.
8. Member, Advisory Board, Institute of Oral and Maxillofacial Surgery, Nepal.
9. Member, Board of Trustee, Radhibai Watumull Hospital, Mahim.
10. Member, Board of Directors, Inlaks & Budhrani Hospital & MNB Cancer Institute, Pune.

ORGANIZATION OF ACADEMIC ONCOLOGIC SOCIETIES :

Pioneered the organization of professional societies of Surgical Oncology and Head and Neck Oncology to promote ongoing professional education and raise the standards of cancer treatment across the country.

1. Founder Secretary, Oncology Section of the Association of the Surgeons of India, 1976-1980.
2. President, Oncology Section, Association of the Surgeons of India, 1981.
3. Founder Secretary, Indian Society of Head and Neck Oncology, 1985-1989.
4. President, Indian Society of Head and Neck Oncology since 1990. (Report of the activities of ISHNO attached).
5. Secretary, Indian Society of Oncology, 1988-1992.
6. President, Indian Society of Oncology, 1996-98.
7. Member, Steering Committee of International Federation of Head and Neck Oncologic Societies.

EDUCATIONAL ACTIVITIES :

1. **Successfully initiated efforts to introduce a M.Ch. Oncology programme at the University of Bombay.** One of the only two recognized M.Ch. Oncology teachers of University of Bombay. **Post Graduate teacher in General Surgery** since 1982.
2. Conducted the Continuing Medical Education Programme for the Annual Conference of the Association of Surgeons of India from 1975 onwards for several years.

This was the **beginning of a new era which saw CME programmes become the main activity of all medical societies.**

3. **Developed a “Learner Based Programme for Head and Neck Cancer”** aimed at self education of medical and paramedical staff at primary health centres. This programme was developed in

collaboration with a former WHO expert, Dr. D. Anand, supported by grants from the Indian Cancer Society.

4. Organizing Secretary and a Faculty member, UICC course on Cancer Chemotherapy, Delhi and Madras, 1982.
5. Introduced video demonstrations of live operative procedures on large screens and **brought state-of-the-art techniques of using electronic media for surgical education.** These are currently most popular.
6. He has personally demonstrated various surgical procedures at Delhi, Madras, Calcutta, Ahmedabad, Hyderabad, Patna, Jodhpur, Palanpur, Rajkot, Chandigarh and many other centres.

He has refined close up and intra-oral photography to take precise pictures useful for professional and postgraduate education. He has developed a special interest in endoscopic video photography for training residents and fellows and for recording video films of laryngeal lesions.

7. Visiting Professor to the Post Graduate Institute of Medical Education and Research, Chandigarh, 1987,
8. Visiting Professor to the Jawaharlal Nehru Institute of Postgraduate Medical Education and Research (JIPMER), Pondicherry, 1988.
9. Visiting Professor to the University of Singapore, 1985 and 1988.
10. Resource Person for the Workshop "Cancer Surgery and Chemotherapy" organized by the Institute of Medicine, Tribhuvan University, Katmandu, Nepal, December 31, 1988 - January 1, 1989.

EDITORIAL POSITIONS :

1. Head and Neck - The Journal of Sciences and Specialities of the Head and Neck, affiliated with the New York Head and Neck Society (USA).
2. Journal of American Medical Association (JAMA, Indian edition).
3. Indian Journal of Surgery.

BOOK CHAPTERS :

1. Retrosternal Thyroid Tumors. In Shah DH, Samuel AM and Rao RS (Eds): **Thyroid Cancer An Indian Perspective**; pp 203-212 Mumbai, Quest Publications, 1999.
2. Multimodality Management of Oral Cavity Cancer: A Surgeon's Point of View. In Head and Neck Cancer, Vol III. Johnson JT and Didolkar MS (Eds.). **Proceedings of the Third International Conference on Head and Neck Cancer**. Amsterdam, Elsevier Science Publishers BV, 1993.
3. Breast Cancer. **API Text Book of Medicine**. Sainani GS (Ed.). Bombay, Association of Physicians of India, Fifth Edition, 1992.
4. Malignant Melanoma. **API Text Book of Medicine**. Sainani GS (Ed.). Bombay, Association of Physicians of India, Fifth Edition, 1992.
5. Cancer of the Prostate. **API Text Book of Medicine**. Sainani GS (Ed.). Bombay, Association of Physicians of India, Fifth Edition, 1992.
6. Oncogene Activation in Oral Cancers. In **Monogram on "Oral Cancers"**. Rao RS, Desai PB (Eds.). Tata Press, Bombay, 1991.
7. Management of Metastatic Neck Nodes. **Recent Advances in Surgery (Volume III)**. Gupta RL (Ed.). Jaypee Brothers, 1991.
8. Cancer of the Oral Cavity - cheek, tongue and alveolar margins. **Current Surgical Practice (Volume V)**. John Hadfield & Michael Hobsley (Eds.), London, Edward Arnold, 1990.
9. Staging and Pre-Treatment Evaluation. In '**Oral Cancer**' Rao RS and Desai PB (Eds.). Bombay, Professional Education Division, Tata Memorial Hospital, 1990.
10. Precancerous Lesions in the Oral Cavity. In '**Oral Cancer**' Rao RS and Desai PB (Eds.). Bombay, Professional Education Division, Tata Memorial Hospital, 1990.
11. Cancer of the Thyroid. **S.N. Medical College Scientific Journal, Golden Jubilee Issue**, Agra, 1989.
12. Newer Concepts in Surgical Oncology. In **Recent Developments in Surgery**. Choudrie AV (Ed.). New Delhi, AV Choudrie, Sureena Printers, 1983.
13. Adjuvant Chemotherapy. **Update in Surgery**, Mehta AR and Mehta S (Eds.). Bombay, MESH Publications. (In Press).
14. Cancer of the Thyroid. In **Proceedings of the Indian Association of Surgical Oncology Mid Con '96**, Ahmedabad, October 12 - 13, 1996.

15. Principles of Surgical Oncology, **Textbook of the Association of Surgeons of India.** (*Awaiting Publication*)
16. Principles of Cancer Chemotherapy, **Textbook of the Association of Surgeons of India.** (*Awaiting Publication*)
17. Principles of Radiotherapy, **Textbook of the Association of Surgeons of India.** (*Awaiting Publication*)
18. Cancer of the Breast, **Textbook of the Association of Surgeons of India.** (*Awaiting Publication*)
19. Cancer of the Oral Cavity: Cheek, Tongue and Alveolar, **Textbook of the Association of Surgeons of India.** (*Awaiting Publication*)

BOOKS :

1. **The Diagnosis and Management of Cancer**, Bombay, Orient Longmans, 1983. The second edition is under publication.
2. Editor, **Update in Surgery**, Bombay, MESH Publishers. (In Press).
3. Editor, **Proceedings of the Workshop and Technology Transfer in Surgical Oncology**, Indian Society of Oncology and Tata Memorial Hospital, April 3-6, 1991.
4. Editor, **Current Trends in Cancer Chemotherapy**, Nachiket AC Publications, 1990.
5. Editor, **Proceedings of the Continuing Medical Education Programme and Instructional Course Lectures**, Association of Surgeons of India, December 1985.
6. Editor, **Proceedings of the Continuing Medical Education Programme and Instructional Course Lectures**, Association of Surgeons of India, December 1983.
7. Editor, **Proceedings of the Fourth Workshop and Technology Transfer Programme on Head and Neck Cancer**, Indian Society of Head and Neck Oncology, Dr. B. Nanavati Hospital, December 1989.
8. **Pictorial Synopsis of Cancer of the Larynx**. Update on Cancer of the Larynx, Dr. B. Nanavati Hospital, 1992.
9. **Technical Monographs for Head and Neck Cancer**, published by the Indian Society of Head and Neck Oncology and the Indian Cancer Society, 1988:
 - Case History Taking and Clinical Assessment.
 - Natural History of Cancer
 - Screening and Referral.
 - Trainers Manual.
 - Nursing Care.

PUBLIC EDUCATION :

Committed to public education, he has appeared on radio and television programmes on cancer prevention and treatment.

He has addressed Rotary Clubs, Lions Clubs, Educational institutions and Women's organizations on **prevention, early detection and treatment** of cancer.

He speaks in English, Gujarati, Hindi and Marathi at these programmes.

SOCIAL COMMITMENT :

As a social commitment, he has **travelled on weekends** to different parts of the country such as Delhi, Porbander, Bidada (Kutch), Surat, Indore, Bhopal, Gwalior, Hyderabad, etc. to promote social and professional organizations (e.g. Indian Medical Association) trying to establish diagnostic centres; and has helped conduct cancer diagnostic camps.

In Porbander, a group of doctors, businessmen, industrialists, journalists, through the Lions Club, invited him for several years and were able to build facilities for cancer diagnosis and early detection.

Similarly, in Surat, he was invited on several occasions by the Lions Club which eventually resulted in formation of the Lions Cancer Detection Trust and establishment of full-fledged Radiation Oncology, Nuclear Medicine and Pathology departments.

He developed a "**Project Voice Bank**" in association with Rotariannes of Bombay Mid-town in 1990. The purpose of this project was to provide Blom Singer prosthetic valves for immediate vocal rehabilitation laryngectomees at subsidized cost or free to deserving patients. This was worked out on a banking model so that those who could pay have kept the scheme self-sustaining.

He also **motivated the donation of special equipment** like Hopkins Laryngoscopes and Nasopharyngeal Endoscopes for examination of the larynx and nasopharynx, through the Rotariannes of Queen's Necklace. These endoscopes, essential for early diagnosis of Head and Neck Cancers, were donated to the Department of Head and Neck Surgery at the J. J. Hospital.

He is a **Member, Managing Committee**, Vile Parle Kelavani Mandal which runs **19** institutions of Primary, Secondary and Higher learning with **22,000 students**.

Lecture on Raja Yoga meditation at the Palanpur Samaj Kendra Function at Indian Merchant Chambers, September 24, 1995.

INTERNATIONAL TRAVEL :

He has travelled extensively and visited Major Cancer Institutions and University Hospitals in the world -

United States of America - Memorial Sloan-Kettering Cancer Center, New York; MD Anderson Tumor Institute, Houston, Texas; Roswell Park Memorial Institute, Buffalo, NY; Mayo Clinic, Rochester, Minnesota; National Cancer Institute, Bethesda, Maryland; Johns Hopkins, Baltimore; Yale University Medical School, New Haven Connecticut; Cook County Hospital, Chicago, Illinois; Eye and Ear Infirmary and University of Illinois Cancer Center, Chicago; Massachusetts General Hospital and New England Medical Center, Harvard University, Boston; Cancer Center, Seattle, Washington; Methodist Hospital of Indiana, Inc., Indianapolis; University Health Center, Wayne State University, Detroit, Michigan; Mount Zion Medical Center of University of California, San Francisco, California; The New York Hospital, New York.

Canada - Toronto General Hospital, Toronto.

United Kingdom - Royal Marsden Hospital, London; Postgraduate Hospital, Hammersmith, London; London Chest Hospital, London; The London Hospital Medical College, University of London; Queen Elizabeth Hospital, Birmingham; Canniesburn Hospital, Glasgow.

Europe - Institut Curie, Paris; Institut Gustave Roussy, Villejuif, Paris; Centre Oscar Lambret; Northern France Cancer Center, Lille Cedex; Free University Hospital, Amsterdam, Netherlands; HNO Klinik, University of Würzburg, Germany; University of Gottingen Hospital, Germany; Unfallchirurgische Klinik, Homburg, Saar; Leopoldina Krankenhaus Der Stadt Schweinfurt, Germany.

Japan - Gann Can, Tokyo, National Cancer Centre, Tokyo,

Singapore - Singapore General Hospital, University of Singapore.

Hong Kong - Queen Mary Hospital, University of Hong Kong

Thailand - National Cancer Hospital, Bangkok.

He was the **Leader of the delegation of Indian Surgeons invited by the US Consul General** in Bombay to visit major Medical Equipment Manufacturing Industries and Pharmaceutical Industries in Boston, Indianapolis, Chicago, New York, Milwaukee and Toronto. This gave him a first hand information on state-of-the-art industries that are at the cutting edge of advanced biomedical technologies.

TRAVEL IN INDIA :

He has travelled extensively in India for conferences, guest lectures, live/video demonstrations and technology transfer programmes of the Indian Society of Oncology and Indian Society of Head and Neck Oncology.

He regularly attended the State Chapter Meetings of the Association of Surgeons of India to fulfill his responsibility as a Governing Council Member 1980-1986 and subsequently as the President between 1985-1987.

ACTIVITIES OF INDIAN SOCIETY OF HEAD AND NECK ONCOLOGY :

The Indian Society of Head & Neck Oncology (ISHNO) was formed following the International Workshop on Head & Neck Cancer held at Delhi, in January 1985. It received overwhelming support from all groups representing General Surgeons, Surgical Oncologists, Radiation Therapists, Pathologists and Medical Oncologists.

The imparting of training and expertise through a systematic programme, involving carefully planned workshops and training sessions was immediately underway. ISHNO has consistently endeavored to hold yearly Workshops and Technology Transfer Programmes (TTP) in different parts of the country with participation of national and international faculty. Besides Panel discussions, symposia and brainstorming sessions, these programmes have involved live demonstration of head and neck surgery on closed-circuit television with two way communication between the surgeons and delegates. ISHNO has prepared and provided video cassettes of various operative procedures to train young surgeons.

The First Annual Conference and Workshop of ISHNO was held in January 1986 at Madras preceding the Annual meeting of Indian Association of Otolaryngologists. It had a national faculty of 23 leading Surgeons and Oncologists from all over India. Dr. Jagdeesan, Radiation Oncologist, Madras, was the Organizing Secretary.

The Second Annual Conference and Workshop of ISHNO was held in January 1987 at Agra following the 46th Annual Conference of Association of Surgeons of India. The Organizing Secretary was Dr. I. P. Elhence. It had a faculty of five overseas and twenty leading oncologists from all over India.

A Zonal Conference and Workshop of ISHNO was held at the Kidwai Memorial Institute of Oncology in September 1987. Dr. R. P. Deo was the Organizing Secretary. Operative surgery was demonstrated on closed-circuit television.

A workshop was organized at St. John's Medical College, Bangalore in July 1988. The Organizing Secretary was Dr. Ravi Nayar.

The Third Annual Workshop and Conference was held in December 1988 at Maulana Azad Medical College, Delhi. The American Association of Physicians of Indian Origin (AAPIO) sent a team of six experts under the scheme of Ministry of Health, Govt. of India. The highlight of this meeting was live telecast, on a large screen, of complicated operations. A team of experts from India and abroad coordinated the response of the audience with

their own observations and elicited more information through a two-way communication.

The Fourth Annual Workshop and TTP of ISHNO was held at the Dr. B. Nanavati Hospital, Bombay, in December 1989. Live operative procedures were demonstrated in a state-of-art auditorium on a 20 feet screen. The faculty included Dr. Jatin Shah from New York, Dr. Ariyan from Yale, Dr. Goepfert from Houston, Dr. Brugere from Curie Institute, Paris and Dr. R. M. Tiwari from Netherlands. The Organizing Secretary was Dr. Vijay Kulkarni.

A Zonal Conference and Workshop was held at the Institute of Post Graduate Medical Education and Research, Calcutta in January 1990. Mr. Ian McGregor, Glasgow, Dr. Chandrasekhar, U.S.A. and Dr. Rodrigues of Paris were on the faculty.

A Workshop and TTP on Microvascular Surgery and Tissue Transfer in Head and Neck Cancer was held at the Dr. B. Nanavati Hospital in October 1990. The faculty included Dr. V. Abraham of Madras and Dr. Chacko Kuruvilla of Vellore. The Organizing Secretaries were Dr. H. M. Bhathena and Dr. L. D. Dhani.

The Fifth Annual Conference and Workshop of ISHNO on Head and Neck Cancer was held at the Conference Hall, AIIMS, New Delhi, in January 1991. The Organizing Secretary was Dr. Sudhir Bahadur.

An Update on Cancer of the Larynx was organized in January 1992 at the Dr. B. Nanavati Hospital, Bombay. The Organizing Secretary was Dr. Vijay Kulkarni.

Workshop on Head and Neck Cancer Surgery was held at the Kasturba Medical College, Manipal in March 1992. The Organizing Secretary was Dr. Rajamma Rajan.

A Head and Neck Oncology Conference was organized at MLN Medical College, Allahabad in October 1992. The Organizing Secretary was Dr. A. P. Singh of Allahabad.

The Sixth Annual Conference of ISHNO was held at Ahmedabad in November 1993 at the Gujarat Cancer and Research Institute. The Organizing Secretary was Dr. Lalit Choksi.

A Head and Neck Surgery Workshop was held in April 1994 at Mount Abu in the salubrious environs of the Aravalli Hills. Scientific deliberations focused on two specific areas of clinical interest to General Surgeons and Otolaryngologists e.g. Neoplasms of the Thyroid and Salivary Glands. The

emphasis of the workshop was to create and promote sound concepts leading to optimal decision making and appropriate surgical approach.

A "Clinical Quiz" was introduced with a panel of young clinicians to discuss the actual clinical approach to real life situations. This highly participative panel represented an attempt to elicit various individual approaches to actual clinical situations, and to create a synthesis for an "ideal" clinical approach.

No registration fee was charged, and arrangements for free stay for delegates were made in the Brahmakumaris' guest houses.

A similar approach is being adopted when we are holding the conference in the holy city of Haridwar, where all delegates will be guests of the conference and there will be no registration fees. We hope to bring a refreshing breeze of new thinking by blending science with spirituality.

Workshop on Thyroid Surgery and Technology Transfer Programme on Head and Neck Cancer was organised under the auspices of Tata Memorial Hospital, Mumbai, in December 22-24, 1996. This course was a one day comprehensive review and update on thyroid surgery. Pre-operative workup emphasizing imaging options and fine needle aspiration, surgical techniques including recurrent laryngeal nerve identification and monitoring, and parathyroid identification were reviewed. Recent advances in medullary carcinoma, surgical treatment of the neck, and treatment of invasive thyroid carcinoma were presented. At the conclusion of this course, participants were skilled in the workup of the thyroid nodule and were familiar with techniques of parathyroid preservation and recurrent laryngeal nerve identification and monitoring. Participants were aware of options available in management of invasive thyroid disease and vocal cord paralysis. During the next two days, almost all function preserving operations in Head and Neck Cancer were demonstrated live with state-of-the-art technology on a large screen with several times magnification. This workshop was attended by 150 delegates.

ISHNO organised the Asia-Pacific Congress of the International Federation of Head and Neck Oncologic Societies (IFHNOS) which was held between December 11-14, 1997, in Mumbai. The Congress was a great success. It was attended by 140 overseas delegates and 400 national delegates. Dr. Mehta was the organising chairman.

The Scientific Programme, the Trade and Public Exhibition have all been very well received. It was the first time that such an international event on Head and Neck Cancer has been held in Asia. All the international and national delegates have enjoyed the hospitality and scientific programme.

A 15 minute television film on health awareness targeted at common man to educate him on evils on tobacco chewing, smoking and betel quid retention in the mouth which cause mouth and throat cancer has been made for telecast on the Doordarshan.

As a part of the Asia Pacific Head and Neck Cancer Congress, a workshop was organised dealing with 'Non Medical Supportive Care Programs for Head and Neck Cancer Patients: their role and function'.

A conference on "Advances in Oncology and Meditation Retreat" was organized by the Medical Wing of the Rajyoga Education & Research Foundation and Global Hospital & Research Centre, Mount Abu, in collaboration with the Indian Society of Oncology and Indian Society of Head & Neck Oncology between September 1-4, 1999, at Gyan Sarovar, Mount Abu. No registration fee was charged. 320 delegates attended the conference. Accommodation was provided by the organizers to all the members attending the conference and free of cost.

This was a unique conference where time was equally divided between scientific subjects and retreat on the higher values in life. This non-traditional conference provided an ample opportunity for the members of the faculty and participants to interact closely in a relaxed spiritual setting. The Academy for a Better World had state-of-the-art facilities on its exclusive 28 acres campus.

In November 1999, an educational video on "Parapharyngeal Tumour" was made to train the young surgeons.

Dr. Rajiv Y. Chandawarkar MD of Kenneth Calhoun Research Center, Akron, Ohio, USA, who has done pioneering work on immunotherapy was invited to by ISHNO present his work on "Heat-Shock proteins as vaccines for treatment/prevention of cancer". In this presentation he described the manufacturing process of an individual HSP, discussed the rationale, feasibility, advantages, and safety of this new approach to cancer immunotherapy.

This lecture was sponsored by ISHNO and the Society for Cancer Research & Communication. It was held on February 20, 2000, at the Vesuvius Hall, Venue—The Restaurant, Mumbai.

Abstract: Heat-shock proteins (HSPs) belong to a family of ubiquitous and abundant intracellular proteins that act as natural chaperones of peptides. In doing so, they carry antigenic peptides as well, thereby reflecting the immunologic composition of the cell. Exploring this simple principle, these molecules have been used successfully for prophylactic and therapeutic vaccination against tumors. When injected into the host, tumor-derived HSPs induce a potent cell-mediated immune response against both the primary tumor and metastasis; the response is specifically restricted to the tumor from which the HSPs are purified. Results indicate that this method of immune therapy of cancer, being an autologous

one, is safe, easily performed, and activates the host's immune system in an antigen-specific manner.

The society distributed the book "Head and Neck Surgery (2nd Ed.)" by Dr. Jatin Shah received through the courtesy of Aid India Foundation. This book is considered as authoritative book on operative surgery on head and neck cancer.

The society bore the cost of mailing this book to the libraries of 150 medical colleges and cancer centres in India.

The Indian Society of Head and Neck Oncology sponsored the first Master's Course in Head and Neck Surgery in collaboration with the Tata Memorial Hospital between 30th October and 2nd November 2000 at the Professor R. D. Choksi Auditorium. The target audience in this programme were the teachers in the medical colleges. Since head and neck cancer has a low priority in the teaching institutions, ISHNO felt that training the teachers would be rewarding in the long run. The topics chosen for this course were Parotid Tumours, Thyroid Malignancies and Management of Neck Node Metastases. Each topic was comprehensively covered with a format of lectures, panel discussions and live operative demonstrations. A hands-on Cadaveric Dissection Workshop was also held. A book was given to all registrants, which included reprints of recent articles on above cancers.

Dr. Sultan Pradhan, the Conference Chairman, and Dr. Vikram Sanghvi, the Organising Secretary, have in their report mentioned that the programme was well accepted. According to the course evaluation form, the response was very encouraging with most delegates stating that such a programme with focussed topics were very helpful.

Dr. Jesus E. Medina, Professor & Chairman, Department of Otorhinolaryngology, The University of Oklahoma, USA, was the faculty member and was sponsored by ISHNO. Dr. Thomas Jouffroy of Department of Head and Neck Surgery, Institute Curie, Paris, France, was also invited by ISHNO.

ISHNO has also created a Web site for professional and public education. Besides literature for the lay people on head and neck cancers, it has a Smokers' Clinic, which is a complete guide to smoking hazards, quitting solutions and healing effects. It will also display any interesting cases or ideas, which the members would like to share with one another.

The Indian Society of Head and Neck Oncology was happy to co-sponsor the "Comprehensive Update on Tumors of the Nasal Cavity and Paranasal Sinuses" between December 22 and 23, 2001, at the Jaslok Hospital, Mumbai. The purpose of this update was to bring together all the considerations from clinical diagnosis to treatment planning to accurate

treatment delivery and rehabilitation in a focused manner and generate consensus on the best strategies of management.

The society has received 400 copies of Dr. Jatin Shah's book on "Comprehensive Management of Cancer of the Head and Neck" published by BC Decker and Co. for free distribution in India through the courtesy of Aid India Foundation.

The society bore the cost of mailing this book to the libraries of medical colleges, cancer centres and to the members of ISHNO in India.

In August 2012, ISHNO sponsored a 'One Day Head & Neck Surgical Workshop' was held at Brahma Kumaris' Global Hospital managing BSES MG Hospital, Andheri (W) under the auspices of Association of Otolaryngologists Mumbai West.

ORGANIZATION OF WORKSHOPS, TTP AND CME :

1. **Faculty**, 'One Day Head & Neck Surgical Workshop', Association of Otolaryngologists Mumbai West and Indian Society of Head and Neck Oncology, Mumbai, August 26, 2012.
2. **Faculty**, Comprehensive Update on Tumors of the Nasal Cavity and Paranasal Sinuses, Jaslok Hospital and Indian Society of Head and Neck Oncology, Mumbai, December 22-23, 2001.
3. **Faculty**, Master's Course in Head and Neck Surgery, Tata Memorial Hospital and Indian Society of Head and Neck Oncology, Mumbai, October 30-November 1, 2000.
4. **Chairman**, Asia-Pacific Congress of the International Federation of Head and Neck Oncologic Societies, Indian Society of Head and Neck Oncology and Tata Memorial Hospital, Mumbai, December 11-14, 1997.
5. **Member, Advisory Committee**, International Workshop on Medical Applications of Lasers, India, February 1-9, 1997.
6. **Scientific Chairman**, 7th Annual Meeting of the Royal College of Surgeons of Edinburgh Indian Chapter, Bombay, February 7-8, 1997.
7. **Chairman**, International Workshop on Medical Application of Lasers in Head and Neck, Tata Memorial Hospital, Mumbai, February 1-3, 1997.
8. **Faculty**, Preconference Surgical Oncology Workshop of the ASICON '96, Mumbai, December 25, 1996.
9. **Course Director**, Workshop on Thyroid Surgery and Technology Transfer Programme on Head and Neck Cancer, Tata Memorial Hospital and the Indian Society of Head and Neck Oncology, Mumbai, December 22-24, 1996.
10. **Workshop Chairman**, Surgical Oncology Workshop, Tata Memorial Hospital and the Indian Society of Oncology, Mumbai, September 2-4, 1996.
11. **National Chairman** of the International Conference on Head & Neck Oncology & Workshop on Speech Rehabilitation, Indian Society of Head & Neck Oncology and International Union Against Cancer (UICC) Geneva, Indore, November 3-5, 1995.

12. **Organizing Chairman**, Head and Neck Surgery Workshop of the Indian Society of Head and Neck Oncology, Mount Abu, April 22-24, 1994.
13. **Organizing Chairman**, Update on Cancer of Larynx, Bombay, January 1992.
14. **Organizing Chairman**, Workshop and Technology Transfer in Surgical Oncology, Tata Memorial Hospital, Bombay, April 1991.
15. **Organizing Chairman**, Workshop and Technology Transfer Programme on Microvascular Surgery and Tissue Transfer in Head and Neck Cancer, Bombay, 1990.
16. **President**, Fourth Workshop and Technology Transfer Programme, Indian Society of Head and Neck Oncology, Bombay, December 2-6, 1989.
17. **CME Meeting**, Indian Society of Head and Neck Oncology - Bombay Group, Tata Memorial Hospital, Bombay, June 15, 1989.
18. **President**, Organizing Committee, V Biennial Conference of the Indian Association of Cancer Chemotherapists, Bombay, February 17-19, 1989.
19. **Programme Chairman**, Workshop on Head and Neck Cancer, Indian Society of Head and Neck Oncology, Madras, January 2, 1986.
20. **Convener**, CME, Annual Conference of the Association of Surgeons of India, Bangalore, December 1985.
21. **Programme Director**, Indo-Swedish Seminars on "Progress in Oncology", organized jointly by Indian Society of Head and Neck Oncology and W.H.O. Collaborating Centre for Research and Treatment of Urinary Bladder and Prostate Cancer, Karolinska Hospital, Sweden, Bombay, September 16-18, 1985.
22. **Programme Chairman**, International Workshop on Head and Neck Cancer, New Delhi, January 2-5, 1985.
23. **Convener**, CME, Annual Conference of the Association of Surgeons of India, Madras, December 1983.
24. **Convener**, UICC, Postgraduate Courses in Clinical Cancer Chemotherapy, under the auspices of Tata Memorial Hospital and Indian Cancer Society, Delhi, 1983.

25. **Convener**, UICC, Postgraduate Courses in Clinical Cancer Chemotherapy, under the auspices of Tata Memorial Hospital and Indian Cancer Society, Madras, 1983.
26. **Faculty Member**, First Workshop on Head and Neck Cancer with Participation of International Faculty, Tata Memorial Hospital, Bombay, 1982.
27. **Coordinator**, Several Courses of Continuing Medical Education in Oncology, Tata Memorial Hospital and Medical Colleges at Pune, Sholapur, Aurangabad and Nagpur in 1980 and 1981.
28. **Convener**, West Zone Conference of International College of Surgeons, Bombay, 1980.
29. **Organizing Secretary**, IV Biennial Conference of Asian Federation of Cancer Research and Control (AFDCC), Bombay, December 1979.
30. **Organizing Secretary**, First Continuing Medical Education Programme for the Association of Surgeons of India during the Annual Conference, Ahmedabad, 1975.
31. **Organizing Secretary**, 2nd Annual Course on Continuing Education in Oncology, Tata Memorial Hospital, January 1975.
32. **Organizing Secretary**, 1st Annual Course on Continuing Education in Oncology, Tata Memorial Hospital, January 1974.

SCIENTIFIC PRESENTATIONS / OPERATIVE DEMONSTRATIONS :

1. Delivered the T. O. Shah Oration on "Values in Healthcare", KEM Hospital, Mumbai, April 24, 2013
2. Delivered the **Inaugural Annual Maamcare Oration** on "Breast Cancer Awareness", Sita Devi Hospital, Jaipur, October 25, 2012
3. Delivered the **Prof. N. C. Mishra Oration** on "Can a General Surgeon perform a good cancer operation?" Kanpur, November 20, 2010.
4. Evolution of Conservative Surgery for HNC. 3rd Annual Conference, GSHNO, February 20, 2010.
5. Delivered the **Dr. D. J. Jussawala Oration** for the outstanding contribution to oncology and society awarded by the Advanced Centre of Radiation Oncology in November 2009.
6. Delivered the **A. J. Narendran Oration** on "Thyroid Cancer". Annual Conference of ASI, Karnataka State Chapter, Davangere, February 22-24, 2002.
7. Delivered **the Berhampur Oration** on "Thyroid Cancer". 17th Annual Conference of ASI, Orissa State Chapter, Nalco Nagar, Angul, February 9-10, 2002.
8. Delivered **the Prof. B. N. Balakrishna Rao Oration** on "Thyroid Cancer". 61st Annual Conference of Association of Surgeons of India, Patna, December 26-30, 2001.
9. Moderator: Panel Discussion on Multidisciplinary Management of Sinonasal Cancer. Comprehensive Update on Tumors of the Nasal Cavity and Paranasal Sinuses, Jaslok Hospital and Indian Society of Head and Neck Oncology, Mumbai, December 22-23, 2001.
10. Guest Lecture: "Thyroid Cancer". Annual Inaugural Conference of the Jharkhand Chapter, Ranchi, Jharkhand, October 5-7, 2001.
11. Guest Lecture: "Oral Cancer". Annual Inaugural Conference of the Jharkhand Chapter, Ranchi, Jharkhand, October 5-7, 2001.
12. Guest Lecture: "Thyroid Cancer". Meeting at the Dr. Ruban Memorial Hospital, Patna, Bihar, July 28, 2001.
13. Guest Lecture: "Laryngeal Cancer". Meeting at the Dr. Ruban Memorial Hospital, Patna, Bihar, July 28, 2001.

14. CME Lecture: "Neck Masses - Diagnosis and Management". ASICON 2000, New Delhi, December 2000.
15. Guest Lecture: "Extended Resection for Thyroid Cancer". Master's Course in Head and Neck Surgery, Mumbai, October 30-November 1, 2000.
16. Lecture: "The Challenge of Change & Personal Development" during the programme for the Royal College of Surgeons of England, October 13-15, 2000.
17. Guest Lecture: "Recent Advances in Oral Cancer Surgery". PG Training in Surgery & CME of the Christian Medical College, Vellore, August 13-18, 2000.
18. Guest Lecture: "Carcinoma of the Oesophagus". PG Training in Surgery & CME of the Christian Medical College, Vellore, August 13-18, 2000.
19. Participated in the Round Table: "Selected neck dissection: indication and surgical techniques". International Symposium on Selected Neck Dissection, Master Course on Neck held at the European Institute of Oncology, Italy, November 29th- December 3rd, 1999.
20. Guest Lecture: "Treatment of N0 neck". Master Course on Neck held at the European Institute of Oncology, Italy, November 29th- December 3rd, 1999.
21. Chaired the December 1st Session. Master Course on Neck held at the European Institute of Oncology, Italy, November 29th- December 3rd, 1999.
22. Conducted Live Surgery "Thyroid Cancer". Master Course on Neck held at the European Institute of Oncology, Italy, November 29th-December 3rd, 1999.
23. Guest Lecture: "Oral Cancer: An Overview". Symposium of Head and Neck Cancer of the Clinical Oncology Society of the Republic of China, Taipei, Taiwan, March 20, 1999.
24. Plenary Lecture: "Management of Oral Cancer". VII Biennial Conference of the Indian Society of Oncology, New Delhi, March 11-14, 1999.

25. Guest Speaker: "Primary Tracheoesophageal Puncture for Voice Rehabilitation". C.M.E. at the VII Biennial Conference of the Indian Society of Oncology, New Delhi, March 11-14, 1999.
26. Guest Speaker: "Cancer of the Thyroid". C.M.E. at the 58th Annual Conference of the Association of Surgeons of India, Ahmedabad, Gujarat, December 26-30, 1998.
27. Panelist: "Oral Cavity Cancer" spoke on "Chemotherapy in Oral Cavity Cancers". The 1st World Congress on Head and Neck Oncology, Madrid, Spain, November 29 - December 3, 1998.
28. Presented Primary Tracheoesophageal Puncture (TEP) for Vocal Rehabilitation. Presentation at the 2nd International Symposium in Israel on Head and Neck Surgery & Oncology Jerusalem, Israel, November 1 - 5, 1998.
29. Circumferential Resection of Cervical Trachea. Presentation at the 2nd International Symposium in Israel on Head and Neck Surgery & Oncology Jerusalem, Israel, November 1 - 5, 1998.
30. Thyroidectomy – How I do it, Video Presentation. The 2nd International Symposium in Israel on Head and Neck Surgery & Oncology Jerusalem, Israel, November 1 - 5, 1998.
31. Panelist: "Head and Neck: Pharynx" spoke on Surgical Treatment of Primary Cancers in the Oropharynx". 17th UICC International Cancer Congress, Rio de Janeiro, Brazil, August 24-28, 1998.
32. Panelist: "Head and Neck: Larynx" spoke on Post-laryngectomy Rehabilitation and Primary Tracheoesophageal Puncture. 17th UICC International Cancer Congress, Rio de Janeiro, Brazil, August 24-28, 1998.
33. Panelist: "Basic Principles in Reconstructive Surgical Oncology" spoke on Pectoralis Major Myocutaneous Flap Reconstruction. 17th UICC International Cancer Congress, Rio de Janeiro, Brazil, August 24-28, 1998.
34. Guest speaker: "Thyroidectomy – How I Do It?". '98 International & 5th National Head and Neck Cancer Congress, Hong Kong/Beijing, June 7-13, 1998.

35. Panelist: "Recent Advances" spoke on Advances in Head and Neck Cancer Treatments. '98 International & 5th National Head and Neck Cancer Congress, Hong Kong/Beijing, June 7-13, 1998.
36. Guest Speaker: "Lasers in Surgery". National Update in Surgery and Meditation Retreat at the Academy for a Better World, Gyan Sarovar complex of the Brahma Kumaris Ishwaraiya Vishwa Vidyalaya, May 24-29, 1998.
37. Conducted Workshop: "Stress Management for Surgeons". National Update in Surgery and Meditation Retreat at the Academy for a Better World, Gyan Sarovar complex of the Brahma Kumaris Ishwaraiya Vishwa Vidyalaya, May 24-29, 1998.
38. Dr. W. G. Atre Oration: "Surgery of Parotid Tumours". Annual CME of the Association of Otolaryngologists of India, Pune, February 15, 1998.
39. "Superficial Parotidectomy", Video Presentation. Annual CME of the Association of Otolaryngologists of India, Pune, February 15, 1998.
40. Guest Lecture: "Thyroid Malignancy". Dr. Shashank Shinde Memorial CME of the Maharashtra Chapter of the Association of Surgeons of India 1998, Sholapur, February 13-15, 1998.
41. "Thyroid Surgery", Video Presentation. Dr. Shashank Shinde Memorial CME of the Maharashtra Chapter of the Association of Surgeons of India 1998, Sholapur, February 13-15, 1998.
42. Panelist: "Unresolved problems in thyroid cancer". Asia Pacific Head and Neck Cancer Congress of the International Federation of Head and Neck Oncologic Societies, Mumbai, December 11-14, 1997.
43. Plenary Lecture: "Training of head and neck oncologists in developing countries". Asia Pacific Head and Neck Cancer Congress of the International Federation of Head and Neck Oncologic Societies, Mumbai, December 11-14, 1997.
44. Delivered **the The Moti Bhai Patel Oration** on "Oral Cancers". Midterm Conference of the Indian Association of Surgical Oncology at Udaipur, September 20, 1997.
45. Panelist: "Cancer in the Elderly". 43rd Annual Conference of the International College of Surgeons - Indian Chapter, Mount Abu, September 25-28, 1997.

46. Chairman: "Carcinoma Thyroid". 43rd Annual Conference of the International College of Surgeons - Indian Chapter, Mount Abu, September 25-28, 1997.
47. Instructional Course Lecture Session: "Management of Neck Nodes with special reference to posterior one-third tongue". 13th Annual Conference of the Association of Surgeons of India Rajasthan Chapter, Jaipur, February 28 - March 2, 1997.
48. Instructional Course Lecture Session: "Thyroid Cancer". 13th Annual Conference of the Association of Surgeons of India Rajasthan Chapter, Jaipur, March 1-2, 1997.
49. Convenor: Panel Discussion on "Head and Neck Surgery". 7th Annual Meeting of the Royal College of Surgeons of Edinburgh Indian Chapter, Bombay, February 7-8, 1997.
50. Chairman: "Surgery of Parotid Gland". 7th Annual Meeting of the Royal College of Surgeons of Edinburgh Indian Chapter, Bombay, February 7-8, 1997.
51. Video Film on "Parotid Surgery". 7th Annual Meeting of the Royal College of Surgeons of Edinburgh Indian Chapter, Bombay, February 7-8, 1997.
52. Guest Lecture: Laser vs Conventional Surgery, International Workshop on Medical Application of Lasers in Head and Neck, Tata Memorial Hospital, Mumbai, February 1-3, 1997.
53. Chairperson: "Head and Neck Malignancies". ASICON '96, Mumbai, December 29, 1996.
54. Instruction Lecture on "Rationale of Radical Surgery in Oral Cancers". ASICON '96, Mumbai, December 28, 1996.
55. Moderator: Open House Session. Preconference Surgical Oncology Workshop of the ASICON '96, Mumbai, December 25, 1996.
56. Live Operative Demonstration: "Thyroid Surgery". Preconference Surgical Oncology Workshop of the ASICON '96, Mumbai, December 25, 1996.
57. Guest Speaker: "Parotid Surgery" (How I do it Video Session). 23rd Annual Conference of Gujarat State Surgeons Association, Gandhinagar, Gujarat, November 23-24, 1996.

58. Moderator, "Carcinoma of the Tongue". IASO Mid Con '96, Indian Association of Surgical Oncology, Ahmedabad, Gujarat, October 12-13, 1996.
59. Inauguration & Introduction of "Update on Orthopaedic Oncology". Bombay Orthopaedic Society and Tata Memorial Hospital, Mumbai, September 15, 1996.
60. "The Indian Experience with Immediate Tracheoesophageal Puncture (TEP) for Voice Rehabilitation - An Update". Presentation at the Fourth International Conference on Head and Neck Cancer, The Society of the Head and Neck Surgeons and the American Society for Head and Neck Surgery, Toronto, Canada, July 28 to August 1, 1996.
61. Guest Speaker: "Recent Advances in Surgical Oncology". The Holistic Health Conference on Change of Focus in the Changing Medical Scenario and Raja Yoga Retreat at the Brahma Kumaris Academy for a Better World, Gyan Sarovar, Mount Abu, Rajasthan, June 17 to 20, 1996.
62. Guest Speaker: "Salivary Gland Tumours". National Week for Surgical Update of the International College of Surgeons - Indian Section, Bangalore, May 20-24, 1996.
63. Live Operative Demonstration: "Radical Neck Dissection". National Week for Surgical Update of the International College of Surgeons - Indian Section, Bangalore, May 20-24, 1996.
64. Live Operative Demonstration: "Composite Resections for Buccal Mucosa Cancers". National Week for Surgical Update of the International College of Surgeons - Indian Section, Bangalore, May 20-24, 1996.
65. Guest Speaker: "Cancer of the Thyroid". VII Biennial National Conference of the Indian Society of Oncology and International Symposium on New Perspectives in Oncology, Lucknow, March 1-2, 1996.
66. Guest Speaker: "Reconstruction following Surgery for Oral Cancer". XI Asian Pacific Federation Congress, International College of Surgeons (Malaysian Section), Kuala Lumpur, Malaysia, January 11-14, 1996.
67. Live Operative Demonstration: "Laryngopharyngectomy". CME programme of the XIX Annual Conference of the Association of Otolaryngologists of India, Gujarat State, December 9-10, 1995.

68. Guest Speaker: "Total Thyroidectomy for Cancer of the Thyroid". CME Programme, 21st Annual Conference of UP State Chapter of the Association of Surgeons of India, Agra, November 20-22, 1995.
69. National Chairman of the International Conference on Head & Neck Oncology & Workshop on Speech Rehabilitation, Indian Society of Head & Neck Oncology and International Union Against Cancer (UICC) Geneva, Indore, November 3-5, 1995.
70. Live Operative Demonstration: "Total Thyroidectomy With Modified Neck Dissection". International Conference on Head & Neck Oncology & Workshop on Speech Rehabilitation, Indian Society of Head & Neck Oncology and International Union Against Cancer (UICC) Geneva, Indore, November 3-5, 1995.
71. Keynote address on "Shifting Paradigms in Head and Neck Surgery". International Conference on Head & Neck Oncology & Workshop on Speech Rehabilitation, Indian Society of Head & Neck Oncology and International Union Against Cancer (UICC) Geneva, Indore, November 3-5, 1995.
72. Guest Speaker: "Conservative Surgery in Thyroid Cancers - Indian Experience". International Conference on Head & Neck Oncology & Workshop on Speech Rehabilitation, Indian Society of Head & Neck Oncology and International Union Against Cancer (UICC) Geneva, Indore, November 3-5, 1995.
73. Live Operative Demonstration: "Near Total Thyroidectomy With Radical Neck Dissection". XV Bihar Chapter of the Association of Surgeons of India and the Eastern Zonal International College of Surgeons (IS) Conference, September 9-10, 1995.
74. Prof S. M. Nawab Oration: "Recent Advances in Surgical Oncology". XV Bihar Chapter of the Association of Surgeons of India and the Eastern Zonal International College of Surgeons (IS) Conference, September 9-10, 1995.
75. Live Operative Demonstration: "Excision of Recurrent Mucoepidermoid Parotid Tumour", Dr. J.B. Haribhakti Continuing Surgical Education Programme, Gujarat State Surgeons Association, Ahmedabad, August 6, 1995.
76. Guest Speaker: "Recent Advances in Oncology". Dr. J.B. Haribhakti Continuing Surgical Education Programme, Gujarat State Surgeons Association, Ahmedabad, August 6, 1995.

77. Panelist: "Reexploration in Surgery". Dr. J.B. Haribhakti Continuing Surgical Education Programme, Gujarat State Surgeons Association, Ahmedabad, August 6, 1995.
78. Presidential Address. Annual Conference and Continuing Medical Education Programme, Indian Society of Head and Neck Oncology, Haridwar, April 14-16, 1995.
79. Chairperson: "Head and Neck Cancer - The Alternative Approaches". Annual Conference and Continuing Medical Education Programme, Indian Society of Head and Neck Oncology, Haridwar, April 14-16, 1995.
80. Moderator: "Thyroid Cancer". Annual Conference and Continuing Medical Education Programme, Indian Society of Head and Neck Oncology, Haridwar, April 14-16, 1995.
81. "Raja Yoga Meditation Workshop". Seminar and Workshop Freedom from Stress for the Medical Profession, Bombay, April 9, 1995.
82. "Head and Neck Surgery including Thyroid", Video Presentation. West Zone CME Conference, Association of Surgeons of India Nagpur Chapter, Nagpur, April 8-9, 1995.
83. Guest Lecture: "Controversies in Management of Thyroid Carcinoma". West Zone CME Conference, Association of Surgeons of India Nagpur Chapter, Nagpur, April 8-9, 1995.
84. Guest Lecture: "Meditation in Medicine". West Zone CME Conference, Association of Surgeons of India Nagpur Chapter, Nagpur, April 8-9, 1995.
85. Co-chairperson for the Panel Discussion "Cancer of the Hypopharynx". XVI International Cancer Congress 1994, New Delhi, India, October 30, to November 5, 1994.
86. "Immediate Tracheoesophageal Puncture for Voice Restoration: The Indian Experience". Presentation at the Joint Meeting of the Society of the Head and Neck Surgeons and the European Organization for Research and Treatment of cancer, Paris, France, May 25-26, 1994.
87. "Tracheal Resection for Cylindroma", Video Presentation. Joint Meeting of the Society of the Head and Neck Surgeons and the European Organization for Research and Treatment of cancer, Paris, France, May 25-26, 1994.

88. Organizing Chairman, Head and Neck Surgery Workshop of the Indian Society of Head and Neck Oncology, Mount Abu, April 22-24, 1994.
89. Moderator, Panel Discussion on "Thyroid Neoplasms". Head and Neck Surgery Workshop of the Indian Society of Head and Neck Oncology, Mount Abu, April 22-24, 1994.
90. Moderator, Panel Discussion on "Oral Cancer". 6th Annual Conference, Indian Society of Head and Neck Oncology, Ahmedabad, November 6-7, 1993.
91. Panelist: "Dilemmas in Management of Thyroid Malignancies". IV Annual Conference of Association of Otolaryngologists of India, Bombay Branch, September 25-26, 1993.
92. Guest Lecture: "Current Trends in the Management of Cancer of the Thyroid". Surgery Update - 93, Maulana Azad Medical College, September 24-29, 1993.
93. Conference Lecture: "Global Hospital: A model of Science and Spirituality". First International Conference of Health Promoting Hospitals organized by the International Network WHO - EURO Multi City Action Plan of the Healthy Cities Project, Warsaw, April 29 and May 1, 1993.
94. Guest Lecture: "Management of Oral Cancers". Update in Oncology, Medical College, Karad, February 27, 1993.
95. Moderator, "Oral and Oropharyngeal Malignancies". Course-cum-Symposium, Research Society of Allahabad and the Indian Society of Head and Neck Oncology, October 8-11, 1992.
96. Panelist: "Carcinoma Larynx and Laryngopharynx". Course organized by Research Society of Allahabad and Indian Society of Head and Neck Oncology, October 8-11, 1992.
97. Panelist: "Malignancy Nose and Paranasal Sinuses". Course organized by Research Society of Allahabad and Indian Society of Head and Neck Oncology, October 8-11, 1992.
98. Presidential Address, Course organized by Research Society of Allahabad City Branch, Association of Otolaryngologists of India and Indian Society of Head and Neck Oncology, October 8, 1992.

99. Guest Speaker on "Multimodality Management of Oral Cavity Cancer - A Surgeons' Point of View". 3rd International Conference on the Head and Neck Cancer, San Francisco, July 26-30, 1992.
100. Guest Lecture on "Recent Advances in Head and Neck Surgery". Refresher Course, Indian Cancer Society, Calcutta, April 19, 1992.
101. Guest Lecture on "Diagnosis and Treatment of Pre-Cancerous Lesions". Refresher Course, Indian Cancer Society, Calcutta, April 19, 1992.
102. Guest Lecture on "Cancer of the Breast - an Update". Refresher Course, Indian Cancer Society, Calcutta, April 19, 1992.
103. Guest Lecture on "Testicular Tumour Management". Refresher Course, Indian Cancer Society, Calcutta, April 19, 1992.
104. Guest speaker at the Refresher Course, conducted by the Indian Cancer Society, Calcutta, April 19, 1992.
105. Conference Lecture, "Conservation Surgery of the Larynx". 8th British Academic Conference in Otolaryngology, Dublin, July 28 - August 2, 1991.
106. "Primary Tracheoesophageal Prosthesis". Presentation at the 8th British Academic Conference in Otolaryngology, Dublin, July 28 - August 2, 1991.
107. Guest Lecture: "Conservation in Cancer Surgery". West Zone Conference, Mount Abu, July 20-21, 1991.
108. Participant, Annual Conference of the Society of Head and Neck Surgeons, Hawaii, USA, April 29, 1991.
109. Advisory Board Meeting, Bhopal Cancer Hospital Presentation of the Hospital Project, March 10, 1991. Attended the Cancer Detection Camp in the gas affected area in Bhopal on the same day.
110. "Follow up of Patients of Malignancy". CME Programme, 21st Annual Conference of the General Practitioners' Association, Bombay, March 5, 1991.
111. Inaugurated the Workshop-cum-Symposium on Cancer, G.S.V.M. Medical College, Kanpur, February 11-12, 1991.

112. Chairman, Scientific Session, "Psychological Treatment and Cancer". Oncology 91, Indian Society of Oncology and Cancer Hospital and Research Institute, Gwalior, January 3-6, 1991.
113. Chairman, Scientific Session, "Skeletal Metastasis in Cancer". "Oncology 91", Indian Society of Oncology and Cancer Hospital and Research Institute, Gwalior, January 3-6, 1991.
114. Chairman, Scientific Session, "Cystosarcoma Phylloids". "Oncology 91", Indian Society of Oncology and Cancer Hospital and Research Institute, Gwalior, January 3-6, 1991.
115. Chairman, Scientific Session, "Breast Cancer". "Oncology 91", Indian Society of Oncology and Cancer Hospital and Research Institute, Gwalior, January 3-6, 1991.
116. Participant, 5th Annual Conference and Workshop of the Indian Society of Head and Neck Oncology, Conference Hall, All India Institute of Medical Sciences, New Delhi, December 30 - January 2, 1991.
117. Presidential Address, Microvascular Workshop and Technology Transfer Programme, Dr. B. Nanavati Auditorium Complex, Bombay, October 8 - 11, 1990.
118. Guest Lecture: "Surgery of Salivary Gland Tumours". Dr. J. B. Haribhakti Continuing Surgical Education Programme, Gujarat State Chapter of Association of Surgeons of India and Gujarat Cancer and Research Institute at Ahmedabad, August 19, 1990.
119. Presidential Address, Second South Zonal Conference of Indian Society of Head and Neck Oncology, Pondicherry, July 27-29, 1990.
120. Guest Lecture: "Laryngectomy and Primary Tracheoesophageal Puncture". Second South Zonal Conference of Indian Society of Head and Neck Oncology, Pondicherry, July 27-29, 1990.
121. Operative Demonstration: "Laryngectomy and Primary Tracheoesophageal Puncture". Second South Zonal Conference of Indian Society of Head and Neck Oncology, Pondicherry, July 27-29, 1990.
122. Participant, International Conference and Workshop on Rehabilitation of Head and Neck Cancer patients, Wayne State University, Detroit, Michigan, March 14-18, 1990.

123. Guest Lecture: "Challenge of Head and Neck Cancer in India". IV Biennial Conference of Indian Society of Oncology, Ahmedabad, February 9-12, 1990.
124. Delivered the **Dr. Ghatge Memorial Oration** on "Recent Advances in Head and Neck Cancer". Indian Medical Association, Hyderabad, February 3, 1990.
125. Guest Lecture: "Control of Tobacco Related Cancers and Other Diseases". International Symposium, Tata Institute of Fundamental Research, Bombay, January 15-19, 1990.
126. Guest Lecture: "Control of Head and Neck Cancer in India". International Symposium, Tata Institute of Fundamental Research, Bombay, January 15-19, 1990.
127. Guest Lecture: "Recent Advances in Treatment of Head and Neck Cancer". East Zonal Conference, Indian Society of Head and Neck Oncology, Calcutta, January 11-15, 1990.
128. Presidential Address, Fourth Workshop and Technology Transfer Programme, Indian Society of Head and Neck Oncology, Bombay, December 2-6, 1989.
129. Live Operative Demonstrations, Fourth Workshop and Technology Transfer Programme, Indian Society of Head and Neck Oncology, Bombay, December 2-6, 1989.
130. Panelist: Symposium on "Oral Cancer". Fourth Workshop and Technology Transfer Programme, Indian Society of Head and Neck Oncology, Bombay, December 2-6, 1989.
131. Panelist: Symposium on Treatment of Metastatic Neck Nodes". Fourth Workshop and Technology Transfer Programme, Indian Society of Head and Neck Oncology, Bombay, December 2-6, 1989.
132. Surgery of Oral Cancer, Video Presentation. International Congress on Oral Cancer, Delhi, November 13-17, 1989.
133. Delivered "Colonel Papatla Endowment Lecture". Meeting of the Association of Otolaryngologists of India, Hyderabad Branch, Govt. ENT Hospital, Hyderabad, January 27-28, 1989.

134. Conducted, Course on "Head and Neck Cancer". Meeting of the Association of Otolaryngologists of India, Hyderabad Branch, Govt. ENT Hospital, Hyderabad, January 27-28, 1989.
135. Guest Lecture: "Can Cancer be Controlled ?". Dr. Ramesh Sanzgiri Foundation, Nineteenth Refresher Course, Goa, September 17, 1989.
136. Guest Lecture: "Current Controversies in Management of Thyroid Carcinoma". Programme of "Surgery Update 89", Maulana Azad Medical College, September 8-15, 1989.
137. Guest Lecture: "Radical Neck Dissection". VI National Cancer Convention, Indian Association of Surgical Oncology, M.G.M. Medical College, Indore, September 9-10, 1989.
138. Guest Lecture: "Role of Imaging in Clinical Oncology". Radiation Medicine Centre, Bombay, Silver Jubilee Meeting, June 1-2, 1989.
139. Guest Lecture: "Multimodality Treatment of Cancer, Myth or a Reality?". Indian Medical Association, Bombay, West Suburban Branch, June 4, 1989.
140. Moderator, Symposium on "Surgery of Breast Cancer". Workshop on Female Breast Studies, Dr. B. Nanavati Hospital and Medical Research Centre, Bombay, April 30, 1989.
141. Guest Lecture: "Breast Cancer". Workshop on Female Breast Studies, Dr. B. Nanavati Hospital and Medical Research Centre, Bombay, April 30, 1989.
142. Guest Lecture: "Surgery of Oral Cancer". South Zonal Conference of Indian Society of Oncology, Visakhapatnam, February 11-12, 1989.
143. Resource Person, Workshop on "Cancer Surgery and Chemotherapy". Tribhuvan University, Katmandu, December 31, 1988 - January 1, 1989.
144. Guest Lecture: "Recent Advances in Head and Neck Cancer". Update in Oncology, Golden Jubilee Celebrations of K.G. Medical College, Lucknow, 1988.
145. Panelist: Symposium on "Surgical Treatment of Thyroid Cancer". 3rd Annual Conference and Workshop of Indian Society of Head and Neck Oncology, Maulana Azad Medical College, Delhi, December 23-26, 1988.

146. Operative demonstration of "Thyroid Surgery". 3rd Annual Conference and Workshop of Indian Society of Head and Neck Oncology, Maulana Azad Medical College, Delhi, December 23-26, 1988.
147. Guest Lecture: "Surgical Management of Advanced Thyroid Malignancies". Symposium on Thyroid Surgery, 22nd Annual Combined Surgical Meeting organized by Chapter of Surgeons, Academy of Medicine, Singapore, November 25-27, 1988.
148. Faculty Member, 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore Society for Head and Neck Cancer Surgery and Chapter of Surgeons, Academy of Medicine, Singapore, November 20-24, 1988.
149. Guest Lecture: "Indication, Contraindications, Risks and Radiological Work-up of Paranasal Sinus Cancers". 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore Society for Head and Neck Cancer Surgery and Chapter of Surgeons, Academy of Medicine, Singapore, November 20-24, 1988.
150. Guest Lecture: "Management Considerations in Advanced Cancer of Oral Cavity". 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore Society for Head and Neck Cancer Surgery and Chapter of Surgeons, Academy of Medicine, Singapore, November 20-24, 1988.
151. Guest Lecture: "Management of the Metastatic Neck Nodes from Unknown Primary". 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore Society for Head and Neck Cancer Surgery and Chapter of Surgeons, Academy of Medicine, Singapore, November 20-24, 1988.
152. Chairman of Panel, "Neck Dissection". 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore Society for Head and Neck Cancer Surgery and Chapter of Surgeons, Academy of Medicine, Singapore, November 20-24, 1988.
153. Panelist: "Oral Cancer". 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore Society for Head and Neck Cancer Surgery and Chapter of Surgeons, Academy of Medicine, Singapore, November 20-24, 1988.
154. Lecture and Demonstration: "Conservation Laryngeal Surgery". 2nd Flap Dissection Workshop in conjunction with the 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore, November 23-24, 1988.

155. Lecture and Demonstration: "Functional Neck Dissection". 2nd Flap Dissection Workshop in conjunction with the 3rd Advanced Course in Head and Neck Cancer Surgery, Singapore, November 23-24, 1988.
156. Chairperson, "Breast Cancer Session". International Symposium of the Royal College of Physicians and Surgeons of Glasgow, Madras, November 16-17, 1988.
157. Guest Lecture: Seminar on "Surgical Training". Hubli City Chapter of the Association of Surgeons of India, Hubli, October 9, 1988.
158. Guest Lecture: "Oral Cancer", Seminar on "Surgical Training". Hubli City Chapter of the Association of Surgeons of India, Hubli, October 9, 1988.
159. Guest Lecture: "Cancer of Thyroid". Hubli City Chapter of the Association of Otolaryngologists of India, Hubli Branch, Hubli, October 8, 1988.
160. Guest Lecture: "Oral Cancer, Reconstructive Surgery, and Operative demonstration of Radical Neck Dissection". Update in Head and Neck Cancer, Tata Memorial Hospital Auditorium, September 22-24, 1988.
161. Conducted Surgical Workshop, "Thyroid and Parotid Surgery". Operative demonstration and Lecture under the joint auspices of the Association of Surgeons of Rajkot and Gujarat State Chapter of the Association of Surgeons of India, Rajkot, September 17-18, 1988.
162. Visiting Professor, Department of ENT Surgery, JIPMER, Pondicherry, July 20-23, 1988.
163. Foundation Day Lecture on "Current Concepts in Head and Neck Cancer". Department of ENT Surgery, JIPMER, Pondicherry, July 20-23, 1988.
164. Guest Lecture: "Salivary Gland Tumours". Department of ENT Surgery, JIPMER, Pondicherry, July 20-23, 1988.
165. Guest Lecture: "Hypopharyngeal Cancer". Department of ENT Surgery, JIPMER, Pondicherry, July 20-23, 1988.
166. Guest Lecture: "Radical Neck Dissection". Department of ENT Surgery, JIPMER, Pondicherry, July 20-23, 1988.
167. Operative demonstration of "Thyroid Surgery". Department of ENT Surgery, JIPMER, Pondicherry, July 20-23, 1988.

168. Guest Lecture: "Thyroid Cancer". Workshop on Head and Neck Surgery, Association of Otolaryngologists of India, St. John's Medical College Hospital, Bangalore, July 19, 1988.
169. Operative demonstration of "Composite Resection for Cancer of the Alveolo-Buccal Complex". East Zone Conference of the International College of Surgeons, Patna, February 18-22, 1988.
170. Guest Lecture: "Oral Cancer". East Zone Conference of the International College of Surgeons, Patna, February 18-22, 1988.
171. Workshop on "Oral Malignancy". Zonal Conference of the International College of Surgeons, Patna, February 20, 1988.
172. Operative Demonstration of "Composite Resections of Stage III and IV oral malignancies". Zonal Conference of the International College of Surgeons, Patna, February 20, 1988.
173. Guest Lecture: "Technique of Surgery of Oral Cancer". International College of Surgeons, Zonal Conference, Patna, February 20-21, 1988.
174. Participant, "Meet the Professors" session on "Head and Neck Cancers". 6th South Zone Conference of the Association of Surgeons of India, M.R. Medical College, Gulbarga, February 12-15, 1988.
175. Conference Lecture: "Impact of New Technology on Cancer Control in India". III Biennial Conference of Indian Society of Oncology, Bangalore, February 10, 1988.
176. Panelist: National Symposium on "Cancer Chemotherapy". Gujarat Cancer and Research Centre, Ahmedabad, January 10, 1988.
177. Guest Speaker: "Hazards of Smoking". Anti-Smoking Seminar, Govt. of India, Science and Technology and Association of Surgeons of India Headquarters, Madras, December 24, 1987.
178. Guest Lecture: "Hypopharyngeal Cancer". Medical Council of India, The Cancer Institute, Madras, The Association of Surgeons of India, The American Association of Physicians from India, Madras, December 21, 1987.
179. Guest Lecture: "New Frontiers in Surgical Oncology". Medical Council of India, The Cancer Institute, Madras, The Association of Surgeons of India, The American Association of Physicians from India, Madras, December 25, 1987.

180. Operative Demonstration of "Surgery for Thyroid Cancer". Surgical Workshop, XIV Annual Conference, Gujarat State Chapter, Association of Surgeons of India, Palanpur, November 21-22, 1987.
181. Guest Lecture: "Recent Advances in Head and Neck Cancer". Mehsana Branch of Indian Medical Association, Mehsana, November 20, 1987.
182. Panelist: "Head and Neck Cancer". 6th Asia-Oceanic Congress of Otorhinolaryngological Societies under the auspices of Association of Otolaryngologists of India, November 9-13, 1987.
183. Moderator, Panel on "Tumors of Paranasal Sinuses". 6th Asia-Oceanic Congress of Otorhinolaryngological Societies under the auspices of Association of Otolaryngologists of India, November 9-13, 1987.
184. "Craniofacial Resections for PNS Cancers". 6th Asia-Oceanic Congress of Otorhinolaryngological Societies under the auspices of Association of Otolaryngologists of India, November 9-13, 1987.
185. Guest Lecture: "Cancer of the Thyroid". School of Surgery, Aligarh Muslim University, Aligarh, November 2, 1987.
186. Chairman, "Oral and Plastic Surgery" Session. The V National Cancer Conference of the Indian Association of Surgical Oncology, Pune, September 10-13, 1987.
187. Guest Oration: "Current State of Head and Neck Surgery in India". South Zonal Conference and Workshop of the Indian Society of Head and Neck Oncology, KMIO, Bangalore, September 5-6, 1987.
188. Guest Lecture: "Thyroid Malignancies". Golden Jubilee Celebration of Stanley Medical College, Madras. July 4, 1987.
189. Special invitee, Royal College of Surgeons at the Edinburgh for the Annual Clinical and Scientific Meeting of the College at Edinburgh, May 27 and 29, 1987.
190. Participant, Joint Annual Meeting of Association of Surgical Oncologists, Society of Head and Neck Surgeons and Society of Surgical Oncology, April 25-30, 1987.

191. Panelist: Symposium on "Head and Neck Cancer - Surgery for Oral Cancer - Present Status". IX International Congress of Plastic and Reconstructive Surgery, New Delhi, March 1-6, 1987.
192. Guest Lecture: "Head and Neck Cancer". Fourth All India Conference on Cancer Chemotherapy at the Banaras Hindu University, Varanasi, February 14-15, 1987.
193. Chairman, Symposium on "Management of Soft Tissue Sarcoma". Fourth All India Conference on Cancer Chemotherapy, Banaras Hindu University, Varanasi, February 14-15, 1987.
194. "Dr. B. L. Kapur Memorial Oration" on "Recent Advances in the Diagnosis and Management of Cancer". Delhi Medical Association, Delhi, January 17, 1987.
195. "Controversies in the Surgical Management of Differentiated Thyroid Cancer". 2nd Annual Conference and Workshop, Indian Society of Head and Neck Oncology, Agra, December 31, 1986 - January 1, 1987.
196. Guest Lecture: "Cancer Surgery". Deccan Surgical Society, Miraj, Kolhapur and Sangli, December 14, 1986.
197. Guest Lecture: "Current Health Care Scene in India". American Association of Surgeons of Indian Origin (AASIO), New Orleans, 1986.
198. Guest Lecture: "Current Concepts in the Management of Head and Neck Cancer". Association of Radiation Oncologists of India - VIII Congress, Bombay, December 5-7, 1986.
199. Guest Lecture: "Update in Oncology". Aurangabad Surgical Society, Aurangabad, November 29, 1986.
200. Chief Guest, Inaugural function of the West Zone Conference (Gujarat State Chapter) of Association of Surgeons of India, Ahmedabad, November 1986.
201. Inaugurated the First Conference of Association of Surgeons of India, Orissa Chapter, Rourkela, November 8-9, 1986.
202. Guest Lecture: "Cancer". First Conference of Association of Surgeons of India, Orissa Chapter, Rourkela, November 8-9, 1986.
203. Arasthu Memorial Oration. Indian Medical Association, Arasthu Memorial Oration Committee, Hyderabad, November 1986.

204. Guest Lecture: "Craniofacial Resection on PNS Cancer". National Seminar on "Present Trends in Oncology", Platinum Jubilee Celebration, K.G.'s Medical College, Lucknow, October 10-11, 1986.
205. Inaugurated the CME Programme, Association of Surgeons of India Head Quarters, Madras, October 2, 1986.
206. Guest Lecture: "Surgery of Head and Neck Cancer". Association of Surgeons of India Head Quarters, Madras, October 2, 1986.
207. Organized the National Level Teaching Programme for Post-Graduates (Surgery), Association of Surgeons of India, Madras, October 2-6, 1986.
208. Guest Lecture at the Inaugural Function of the A.P. Chapter of the Association of Surgeons of India Conference, June 28, 1986.
209. Chief Guest, IV Annual Conference of Karnataka State Chapter of the Association of Surgeons of India, March 1-2, 1986.
210. Guest Lecture: "Current Concepts in Cancer Surgery". IV Annual Conference of Karnataka State Chapter of Association of Surgeons of India, Continuing Medical Education Programme, March 1, 1986.
211. Convener on "Cancers of Head, Neck and Oesophagus". Technology Transfer Programme in Cancer, Indian Society of Oncology, February 17-21, 1986.
212. Chairman, Symposium on "Cancer of the Larynx". Indian Society of Oncology, 2nd Biennial Conference, Bombay, February 9-14, 1986.
213. Presented Paper on "Revision Thyroidectomy in Carcinoma Thyroid - 10 year experience". 2nd Biennial Conference, Indian Society of Oncology, Bombay, February 9-14, 1986.
214. Presidential Address, Indore City Chapter of Association of Surgeons of India, Indore, January 19, 1986.
215. Guest Lecture: "State-of-the-Art in Head and Neck Surgery". Workshop on Head and Neck Cancer, Indian Society of Head and Neck Oncology, Madras, January 2, 1986.
216. Guest Lecture: "Modified Neck Dissection". Workshop on Head and Neck Cancer, Indian Society of Head and Neck Oncology, Madras, January 2, 1986.

217. Chairman, Hospital Planning, Continuing Medical Education Programme and its Instructional Course Lectures, XXXXV Annual Conference, Association of Surgeons of India, Bangalore, December 26-30, 1985.
218. Member, Teaching Faculty, Second Advanced Course in Head and Neck Cancer Surgery, Singapore, November 24-27, 1985.
219. Guest Lecture: "Ablative Surgery". Second Advanced Course in Head and Neck Cancer Surgery, Singapore, November 24-27, 1985.
220. Guest Lecture: "Radical Neck Dissection - Indications and Techniques". Second Advanced Course in Head and Neck Cancer Surgery, Singapore, November 24-27, 1985.
221. Guest Lecture: "Problems of Recurrent Cancer". Second Advanced Course in Head and Neck Cancer Surgery, Singapore, November 24-27, 1985.
222. Guest Lecture: "Training in Head and Neck Cancer Surgery in Developing Countries". Second Advanced Course in Head and Neck Cancer Surgery, Singapore, November 24-27, 1985.
223. Moderator, Session on "Tumours of the Larynx". Second Advanced Course in Head and Neck Cancer Surgery, Singapore, November 24-27, 1985.
224. Guest Lecture: "Current Concepts in Cancer Treatment". Peripheral Centre Meeting, Kerala Chapter, Association of Surgeons of India, Munnar, October 12-13, 1985.
225. Faculty Member and Programme Director, Indo-Swedish Seminars on "Progress in Oncology", Kidwai Memorial Institute of Oncology, Bangalore, W.H.O. Collaborating Centre for Research and Treatment of Urinary Bladder and Prostate Cancer, Karolinska Hospital, Sweden and Indian Society of Head and Neck Oncology, Bombay, September 16-18, 1985.
226. Inaugurated the Cancer Exhibition organized by the Indian Medical Association, Dhule, August 15, 1985.
227. Panelist: 'Diagnosis and Management of Medullary Thyroid Carcinoma'. Role of Radionuclides in its Diagnosis, Management and Treatment: National Seminar on Thyroid Cancer; Bhabha Atomic

Research Centre and World Health Organization, Tata Memorial Hospital, March 4-6, 1985.

228. Guest Lecture: "Ectopic Salivary Gland Tumours". Annual Meeting of Association of Surgeons of India, Madurai, December 1977.
229. Guest Lecture: "Temporal Bone Excision for Cancer of Middle Ear". Annual Meeting of Association of Surgeons of India, Madurai, December 1977.
230. Guest Lecture: "Treatment of Cancer, Thyroid". Continuing Education Programme, Association of Surgeons of India, Delhi, December 1976.
231. Guest Lecture: "Staging Laparotomy in Hodgkin's Disease". Annual Meeting of the Association of Surgeons of India, Ahmedabad, December 1975.
232. Presented paper on "Malignant Melanoma of Rectum and Anal Canal - A Study of 32 Cases". Annual Meeting of Indian Society of Gastroenterology, Bombay, November 1975.
233. Panelist: Symposium on "Cancer of the Lung". Annual Meeting of the Association of Surgeons of India, Cuttack, December 1974.
234. Panelist: Symposium on "Carcinoma of the Stomach". 15th Annual Conference of the Indian Society of Gastroenterology, Varanasi, November 1974.
235. Panelist: Symposium on "Mediastinal Tumours". Association of Surgeons of India, Bombay, December 1973.
236. Guest Lecture: "Current Concepts on Cancer Treatment". Gujarat State Chapter of the Association Surgeons of Indian, September 1973.
237. Presented paper on "Pancreatic Neoplasms - A Review of 125 cases": Indian Society of Gastroenterology, Ootacamund, September 1973.
238. Presented paper on "Achalasia Cardia". Indian Society of Gastroenterology, Ootacamund, September 1973.
239. Presented paper on "Leiomyosarcoma of the stomach - A Review of 18 cases". Indian Association of Gastroenterology, Baroda, August 1971.
240. Presented paper on "Hemipelvectomy - A Review of 37 cases". 29th Annual Meeting of the Association of Surgeons of India, Madras, December 1968.

241. Presented paper on "Surgical Anatomy of the Parotid Gland with Special Reference to the Seventh Nerve". 29th Annual Meeting of the Association of Surgeons of India, Madras, December 1968.
242. Presented paper on "Radical Neck Dissection in Head and Neck tumours". 28th Annual Meeting of the Association of Surgeons of India, Patiala, December 1967.
243. Presented paper on "Synchronous combined excision of rectum and anal canal for cancer". 3rd All India Cancer Congress, Calcutta, October 1966.
244. Presented paper on "Experimental Canine Heart Transplantation". 25th Annual Meeting, Association of Surgeons of India, Bombay, 1964.

PUBLICATIONS :

1. Padhya TA, Athavale SM, Kathju S, Sarkar S, **Mehta AR**. Osteochondroma of the skull base. *Otolaryngol Head Neck Surg.* 137(1):166-8, 2007.
2. Khatri R, Sarkar S, **Mehta AR**. Management of Tracheocutaneous Fistula. *Indian Journal of Otolaryngology and Head & Neck Surgery*, 53(2):158-159, 2001.
3. D'Costa J, Saranath D, Dedhia P, Sanghvi V, Mehta AR. Detection of HPV-16 genome in human oral cancers and potentially malignant lesions from India. *Oral Oncology*, 34(5):413-420, 1998.
4. Mehta S, Sarkar S, **Mehta AR**. Complications of the PMMF in the Oral Cavity: A Prospective Evaluation of 220 cases. *Plastic and Reconstructive Surgery*, 98(1):31-37, 1996.
5. Huilgol NG, Chatterjee N, **Mehta AR**. An Overview of the Initial Experience with AK-2123 as a Hypoxic Cell Sensitizer with Radiation in the Treatment of Advanced Head and Neck Cancers. *Int J Radiation Oncology Biol Phys.* Vol 34, No. 5, 1996.
6. Navani SS, Simha MR, Doctor VM, Haribhakti V, **Mehta AR**. Laryngeal Squamous Carcinoma Associated with Longstanding Localised Amyloidosis. *The Indian Journal of Cancer*, Vol. 32, No. 1, 43-45, March 1995.
7. Mehta S, Dhama L, Kaushik A, Sarkar S, **Mehta AR**. Radial Forearm Free Flap in Oral Cavity Reconstruction. Rao RS, Deo MG and Sanghvi LD. In *Proceedings of the XVI International UICC Cancer Congress*; 995-997, 1995.
8. **Mehta AR**, Sarkar S, Mehta SA. Immediate Tracheoesophageal Puncture for Voice Restoration: The Indian Experience. Presented at the Society of Head and Neck Surgeons, 1994 Annual Meeting, Paris. *European Archives of Otorhinolaryngology*, 252:209-214, 1995.
9. Patel SG, Sarkar S, **Mehta AR**. Dumb-bell Tumours of the Neck: The Posterior Operative Approach (How I Do It). *Journal of Surgical Oncology*, 59:209-210, 1995.
10. Huilgol NG, Chatterjee NA, Singh BB, **Mehta AR**. AK-2123 A Hypoxic Cell Potentiator of Radiation - A Report on the Use of AK-

- 2123 in Head and Neck Cancers. J Clin Radiother Oncol, 10(1):9-10, 1995.
11. Saranath D, Panchal RG, Deo MG, Sanghvi V and **Mehta AR**. Restriction Fragment Length Polymorphisms of the Human N-myc Gene in Normal Healthy Individuals and Oral Cancer Patients in India. Indian Journal of Biochemistry and Biophysics, Vol 31, pp 177-183, 1994.
 12. Rajan R, Patel SG, Sarkar S, Sanghvi VD, **Mehta AR**. Surgical Treatment of Pyriform Sinus Cancer. XVI International Cancer Congress, New Delhi, 1994 . Abstract Book - I P-122.
 13. Sarkar S, Bachher G, **Mehta AR**. Primary Tracheoesophageal Puncture for Speech Rehabilitation. XVI International Cancer Congress, New Delhi, 1994 . Abstract Book - I P-2.
 14. Albuquerque, Mehta SA, Sarkar S, **Mehta AR**. Recurrent Ameloblastoma of the Mandible and Maxilla: Indian Journal of Cancer, Vol. 30:77-81, June 1993.
 15. Huilgol NG, Chatterjee N and **Mehta AR**. Interim Report of the Prospective Trial to Evaluate AK-2123 in Head and Neck Tumours. Radiosensitization Newsletter, Vol 12 No. 2, April 1993.
 16. Huilgol NG, Savithri S and **Mehta AR**. Discontinuous Accelerated fractionation in the treatment of advanced head and neck neoplasm: A preliminary report. Acta Oncologica Vol 32, No. 1:84, 1993.
 17. Mehta S, Kaul S, Mehta M, **Mehta AR**, et al. Phaeohyomycosis of the Paranasal Sinuses Masquerading as a Neoplasm - A Case Report. Head and Neck Surgery, 15:59-61, 1993.
 18. Bhoite LT, Saranath D, Nair R, Deo MG, Sanghvi V, **Mehta AR**. H-ras-1 Restriction Fragment Length Polymorphism in Normal Individuals and Oral Cancer Patients in India. Journal of Oral Pathology and Medicine, 22:298-302, 1993.
 19. Patel SG, Chandavarkar RY, Sequeira M, **Mehta AR**. Radiation Necrosis of the Larynx. Bombay Hospital Journal, Vol 35, No. 1, 193-196, 1993.
 20. **Mehta AR**, Mehta S. Management of Metastatic Neck Nodes. In Recent Advances in Surgery 3. Gupta RL (Ed.) Jaypee Brothers Medical Publishers Pvt. Ltd., Delhi, 1992.

21. Saranath D, Panchal RG, Nair R, **Mehta AR**, Sanghvi VD, Deo MG. Amplification and Overexpression of Epidermal Growth Factor Receptor Gene in Human Oropharyngeal Cancer. *Oral Oncology, European Journal of Cancer*, Vol 28B, No. 2, pp 139-143, 1992.
22. Sarkar S, Mehta S, Deshmane V, **Mehta AR**, et al. Aggressive Fibromatosis of the Neck. *Bombay Hospital Journal*, 34:2, 188-191, 1992.
23. Deshmane V, Mehta S, Sarkar S, **Mehta AR**, et al. Gastric Transposition and Deltopectoral Flap for Peristomal Recurrence following Total Laryngectomy: A Case Report. *Indian Journal of Cancer*, 29 (3):169-171, 1992.
24. Deshmane V, Mehta S, Sarkar S, **Mehta AR**, et al. Primary Tracheoesophageal Puncture: Our Initial Experience. *Indian Journal of Cancer*, 29:114-116, 1992.
25. Saranath D, Chang SE, Bhoite L, Panchal RG, Kerr IB, **Mehta AR**, et al. High Frequency Mutation in Codons 12 and 61 of H-ras oncogene in chewing tobacco-related Human Oral Carcinoma in India. *British Journal of Cancer*, 63:573-578, 1991.
26. Mehta S, Sarkar S, Mehta M, **Mehta AR**, et al. Results of Primary Radiotherapy in Early Vocal Cord Cancer. *Bombay Hospital Journal*, 33:4, 91-94, 1991.
27. Mehta S, Sarkar S, **Mehta AR**, et al. Tracheal Resections for Intra-Tracheal Tumours. *Indian Journal of Surgery*, 53:94-101, 1991.
28. Saranath D, Bhoite LT, **Mehta AR**, et al. Loss of Allelic Heterozygosity at the harvey ras locus in Human Oral Carcinomas. *Journal of Cancer Research and Clinical Oncology*, 117:484-488, 1991.
29. Huilgol NG, **Mehta AR**, et al. Multiple Daily Fractions in the Treatment of Head and Neck Cancer. *Journal of Clinical Radiotherapy and Oncology*, 6(1):18-20, 1991.
30. Huilgol NG and **Mehta AR**. Esthesio-neuroblastoma - A Review. *Journal of Clinical Radiotherapy and Oncology*, 6(1):25-27, 1991.
31. Huilgol NG, Ghooi RB and **Mehta AR**. Preliminary report on the clinical study of AK-2123, a Hypoxic Cell Sensitizer. *Radiosensitization Newsletter*, March 1991.

32. Haribhakti V, Mehta S, **Mehta AR**, et al. Advanced Resectable Stage III and IV Head and Neck Cancers of the Buccal Mucosa, *Indian Journal of Surgery*, 52:1-5, 1990.
33. Sarkar S, Mehta S, **Mehta AR**, et al. Complications following Surgery for Cancer of the Larynx and Pyriform Fossa. *Journal of Surgical Oncology*, 43:245-249, 1990.
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EXPERIMENTAL SURGERY IN THE LABORATORY :

Involved with Experimental Cardiac Transplantation, Trans-Myocardial Revascularization, Deep Hypothermia and Extracorporeal Liver support for Hepatic Failure in dogs as an ICMR Research Fellow, at KEM Hospital, 1963-64.

This work was carried out with Prof. P. K. Sen and Prof. G. B. Parulkar in the Department of Surgery and Laboratories of Experimental Surgery at the KEM Hospital, Bombay.

MISCELLANEOUS :

1. **Laparoscopic Surgery** : Bilateral Oophorectomy, Pelvic Colostomy for an Obstructed Colon and Stapler Aided Closure performed with a laparoscopic surgeon.
2. Standardized the Procedure of **Mediastinoscopy** in the early 70s.
3. Performed **Lymphangiography** while still a Registrar in 60s to assess Retroperitoneal Lymph nodes.
4. **Carotid Glomectomies** for relief of Bronchial Asthma while still a Resident in Thoracic Service in early 60s.
5. **Intra-arterial Chemotherapy** for advanced, unresectable Head and Neck Cancers.