



UK-India Oral Cancer Alliance: Symposium on Advances in Imaging Technologies

Liverpool Head and Neck Cancer Centre and Mazumdar Shaw Medical Centre, Narayana Health City are proud to organize a two-day symposium on the role of imaging technologies in the staging and management of oral cancer on April 27th and 28th 2019.

Funded by the Official Development Assistance (ODA) scheme of the United Kingdom, this symposium will bring together academics and clinicians of national and international repute to discuss the current state of Head & Neck imaging and future pathways towards practice changing research. The symposium aims to establish a framework for a future multi-centre prospective research into advancing outcomes through quantitative imaging techniques in oral cancer.

The educational component of the 2 days will cover a wide range of topics including cutting edge approaches in surgery, oncology, molecular biology and imaging. Special focus sessions will include development of quantitative imaging biomarkers in cancer, diffusion imaging and perfusion imaging. It will be of interest to all members of the clinical team who see and treat head and neck cancer (radiologists, surgeons, radiation and medical oncologists) as well as industry partners developing image analysis software and artificial intelligence.

Organizing Committee

Organizing Patrons

Dr. Subramania Iyer
Dr. Moni Abraham Kuriakose

Organizing Chairpersons

Dr. Naveen Hedne
Dr. Harish Poptani

Organizing Secretaries

Dr. Narayana Subramanian
Dr. Andrew Schache
Dr. Vivek Shetty

Scientific Committee

Dr. Vijay Pillai
Dr. Vidya Bhushan
Dr. Trupti Kolor
Dr. Sumsum Sunny

International Faculty:

- 01. Dr. Amita Shukla-Dave** (Director, Quantitative Imaging and Deputy Service Chief Predictive Informatics, Memorial Sloan Kettering Cancer Centre, New York, USA)
- 02. Dr. Pushpa Tandon** (Director, Cancer Imaging, National Cancer Institute, Bethesda, USA)
- 03. Dr. Harish Poptani** (Professor and Chair, Center for Preclinical Imaging at the University of Liverpool, UK)
- 04. Dr. Andrew Schache** (Senior Clinical Lecturer and Honorary Consultant Head and Neck Surgeon, Department of Molecular and Clinical Cancer Medicine, University of Liverpool, UK)
- 05. Dr. Gopal Iyer** (Head and Senior Consultant, SingHealth Duke-NUS Head and Neck Centre and Head of Division of Medical Sciences, National Cancer Centre, Singapore)

National Faculty:

06. **Dr. Subramania Iyer** (Professor and Head, Head and Neck Oncology, Amrita Institute of Medical Sciences, Kochi)
07. **Dr. Moni Abraham Kuriakose** (Director, Cochin Cancer Research Centre, Kochi)
08. **Dr. Pankaj Chaturvedi** (Professor, Head and Neck Oncology, Tata Memorial Hospital, Mumbai)
09. **Dr. Arvind Krishnamurthy** (Professor, Surgical Oncology, Cancer Institute Adyar, Chennai)
10. **Dr. Vikram Kekatpure** (Senior Consultant, Head and Neck Oncology, Cytocare Cancer Hospital, Bangalore)
11. **Dr. Abhinav Sonkar** (Professor and Head, General Surgery, King George Medical University Lucknow)
12. **Dr. Rakesh Kumar Gupta** (Director and Head, Radiology, Fortis Memorial Research Institute, Gurgaon)
13. **Dr. Ravi Bhardwaj** (Director, Product Management, Digital Oncology Solutions in Emerging Geographies, GE Healthcare, Bangalore)
14. **Dr. Abhishek Mahajan** (Associate Professor, Radiology, Tata Memorial Hospital, Mumbai)
15. **Dr. Amit Chirom** (Associate Professor, Otolaryngology and Head and Neck Surgery, All India Institute of Medical Sciences, Delhi)
16. **Dr. Sandhya CJ** (Assistant Professor, Radiology, Amrita Institute of Medical Sciences, Kochi)
17. **Dr. Rajeev Kumar** (Assistant Professor, Otolaryngology and Head and Neck Surgery, All India Institute of Medical Sciences, Delhi)
18. **Dr. Vidhyadharan Sivakumar** (Assistant Professor, Head and Neck Oncology, Amrita Institute of Medical Sciences, Kochi)
19. **Dr. Akshay Kudpaje** (Consultant, Head and Neck Oncology, HCG Cancer Centre, Bangalore)
20. **Dr. Samskruthi Murthy** (Consultant, Head and Neck Oncology, BGS Gleneagles Hospital, Bangalore)

Mazumdar Shaw Medical Centre - Faculty

Radiology:

Dr. Venkataraman Bhat | **Dr. Shri Harsha Krishna**

Head and Neck Oncology:

Dr. Naveen Hedne | **Dr. Vijay Pillai** | **Dr. Vivek Shetty**
Dr. Trupti Kolar | **Dr. Vidya Bhushan** | **Dr. Narayana Subramaniam**

Translational Medicine:

Dr. Amritha Suresh | **Dr. Sumsum Sunny**

Radiation Oncology:

Dr. Sandeep Jain | **Dr. Saurabha Kumar**

Nuclear Medicine:

Dr. Sunil HV

Medical Oncology:

Dr. Pragnya Coca | **Dr. Nidhi Tandon**
Dr. Mansi Khanderia | **Dr. Vijay Kumar Srinivasalu**

DAY - 1

Registration	08:20 am
Introduction to the UK-India Oral Cancer Alliance – Dr. Narayana Subramaniam	08:50 am
Session 1: Early detection of oral cancer	
Natural history and management of potentially malignant lesions – Dr. Vidya Bhushan	09:00 am
Imaging of oral pre-malignant lesions – Dr. Sumsum Sunny	09:20 am
Narrow band imaging in oral cancer – current uses and opportunities – Dr. Vidhyadharan Sivakumar	09:40 am
Molecular markers in oral cancer – clinical application and future avenues – Dr. Arvind Krishnamurthy	10:00 am
Oral cancer screening – evidence and future perspectives – Dr. Samskruthi Murthy	10:20 am

Inauguration ceremony and welcome address by Dr. Devi Prasad Shetty (Founder, Chairman - Narayana Health)	10:40 am
Guests of honour: Dr. Paul Salins (Medical Director & Senior Vice President - Mazumdar Shaw Medical Centre)	
Dr. Sharat Damodar (Vice Chairman-Oncology Services, Clinical Director - Mazumdar Shaw Medical Centre)	
Mr. Joseph Pasanga (COO, Narayana Health City, Bangalore)	
Followed by Tea	
Key note 1 – Dr. Pankaj Chaturvedi – Oral cancer treatment in India: goals, challenges and opportunities	11:05 am

Session 2: Pre-treatment evaluation of oral cancer

Advances in imaging of the oral cavity – Dr. Venkataraman Bhat	11:45 am
Sentinel lymph node biopsy in the era of selective neck dissection – Dr. Vijay Pillai	12:05 pm
Imaging of non-squamous histologies in oral cancer – Dr. Shri Harsha Krishna	12:25 pm
Key note 2 – Dr. Amita Shukla-Dave - Quantitative oncologic imaging in the era of personalized medicine	12:45 pm
Lunch Break	01:25 pm

Session 3: Management of advanced oral cancer

Assessment of borderline resectable oral cancers and response to induction chemotherapy – Dr. Abhishek Mahajan	02:00 pm
Borderline resectable oral cancer – where do we draw the line? – Dr. Naveen Hedne	02:20 pm
Recent advances in oral cavity reconstruction – Dr. Subramania Iyer	02:40 pm
Tea Break	03:00 pm
Patterns of spread in oral cancer: a case-based discussion – Dr. Sandhya CJ	03:20 pm

Panel 1

Radiology – Dr. Abhishek Mahajan	03:50 pm
Surgery – Dr. Subramania Iyer, Dr. Pankaj Chaturvedi, Dr. Akshay Kudpaje	
Molecular Imaging – Dr. Harish Poptani, Dr. Pushpa Tandon	
Radiation Oncology – Dr. Saurabha Kumar	
Medical Oncology – Dr. Pragya Coca	
Moderator: Dr. Narayana Subramaniam	
Case 1: Early tongue cancer. Key discussion points: early nodal spread, and margin delineation	
Case 2: Maxillary cancer. Key discussion points: perineural invasion, orbital involvement and intracranial spread	
Case 3: Recurrent oral cancer. Key discussion points: post-treatment imaging, differentiating osteoradionecrosis from recurrence	
Key note 3 – Dr. Pushpa Tandon - Transitioning Quantitative Imaging Network tools into NCI sponsored clinical trials	04:50 pm
Close session	05:30 pm

DAY - 2

Session 4: Controversies in oral cancer management

Induction chemotherapy in oral cancer – Dr. Nidhi Tandon	09:00 am
Is routine use of frozen section in oral cancer justified? Dr. Amit Chirom	09:20 am
Reirradiation in oral cancer – Dr. Sandeep Jain	09:40 am
PORT in early oral cancer with adverse features – Dr. Narayana Subramaniam	10:00 am
Role of chemoprevention in oral cancer – Dr. Vikram Kekatpure	10:20 am
Dental rehabilitation following oral cancer resections – Dr. Trupti Kolur	10:40 am
Tea Break	11:00 am
Key note 4 – Andrew Schache – Immunotherapy in head and neck: perspectives and potential	11:20 am
Rational use of oral metronomic chemotherapy – Dr. Vijay Kumar Srinivasalu	12:00 pm

Session 5: Advanced imaging modalities in oral cancer

NMR spectroscopy in oral cancer – Dr. Abhinav Sonkar	12:20 am
Quantitative MRI in oral cancer – Dr. Rakesh Kumar Gupta	12:40 pm
Lunch Break	01:00 pm
Key note 5 – Dr. Harish Poptani - Survival prognostication and assessment of treatment response in head and neck cancer by perfusion MRI	01:40 pm
Novel PET derived markers to predict treatment response in head and neck cancers – Dr. Sunil HV	02:20 pm

Session 6: Technological advances and their role in oral cancer

Liquid biopsy – Dr. Amritha Suresh	02:40 pm
Advances in margin assessment in oral cavity cancers – Dr. Vivek Shetty	03:00 pm
Recent technical advances in processing of imaging for cancer research – Dr. Ravi Bhardwaj	03:20 pm
Key note 6 – Dr. Moni Abraham Kuriakose – newer applications of technology in oral cancer management	03:40 pm
Ex-vivo models directing therapy in oral cancer – Dr. Gopal Iyer	04:20 pm
Panel 2	04:40 pm
Radiology – Dr. Shri Harsha Krishna	04:40 pm

Surgery – Dr. Gopal Iyer, Dr. Naveen Hedne, Dr. Rajeev Kumar

Molecular Imaging – Dr. Amita Shukla-Dave

Radiation Oncology – Dr. Sandeep Jain

Medical Oncology – Dr. Mansi Khanderia

Moderator: Dr. Andrew Schache

Case 1: Advanced buccal cancer. Key discussion points: infratemporal fossa involvement, paramandibular spread and perineural invasion

Case 2: Advanced tongue cancer. Key discussion points: patterns of spread, extracapsular spread and resectability

Case 3: Carcinoma alveolus. Key discussion points: medullary spread, planning surgical margins and perineural invasion

Vote of thanks – Dr. Vivek Shetty

05:40 pm



We are accepting poster presentations at the UK-India Oral Cancer Symposium.
Kindly email a soft copy of your poster (display size 4 x 3 Feet) to email mentioned below.
Posters selected for presentation will receive a refund of their registration fee and first prize carries ₹ 5000.



Sat, 27th & Sun, 28th April 2019
8:30 am to 5:30 pm



Harold Varmus Auditorium
7th Floor, Mazumdar Shaw Medical Center, Narayana Health City, Bangalore

For registration please **Mr. Shankar Narayan**



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Registration amount: Consultants - ₹ 1000/- | Trainees/Students - ₹ 500/-
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Narayana Health South Network: **Hosur Road** - Narayana Health City | **HSR Layout** - Narayana Multispeciality Hospital | **Whitefield** - Narayana Multispeciality Hospital | **Indiranagar** - Chinmaya Narayana Superspeciality Centre | **New BEL Road** - M S Ramaiah Narayana Heart Centre | **Nrupatunga Road** - St. Martha's Heart Centre | **Langford Town** - Narayana Medical Centre | **Mysore** - Narayana Multispeciality Hospital | **Shimoga** - Sahyadri Narayana Multispeciality Hospital | **Bellary** - Jindal Sanjeevani Multispeciality Hospital | **Dharwad** - SDM Narayana Heart Centre | **Davangere** - SS Narayana Heart Centre | **Kolar** - RL Jalappa Narayana Heart Centre