

DR.SIKANDAR SHAIKH

Department of PET-CT and Nuclear Medicine

Yashoda Hospitals Somajiguda.

Hyderabad .Andhra Pradesh 500082

Email: drsikandar_s@yahoo.co.in,

Office: 91 40 67779999

CONSULTANT PET-CT & RADIOLOGY YASHODA HOSPITALS, SOMAJIGUDA HYDERABAD.

April 2010- Till date.

PET-CT Applications

The goals of the current working area is

- a) Diagnosis of Cancers,
- b) using this functional modality for staging ,restaging and monitoring response to therapy.
- C) Radiotherapy planning.

It involves the following protocols.

- Production of FDG .**
- Injection of FDG**
- Scanning of patients for PET-CT**

EDUCATION

**EUROPEAN BOARD OF RADIOLOGY (EUROPEAN COLLEGE OF RADIOLOGY),
VIENNA AUSTRIA.**

EDiR. Radiology March 2012

DNB (Diplomate National Board)

NATIONAL BOARD OF EXAMINATIONS, NEW DELHI, India September 2003

DMRD (Diploma in Medical Radio diagnosis)

Dr. B R Ambedkar Marathwada University in January 2000.

MBBS (Bachelor of Medicine and Bachelor of Surgery)

Dr. B R Ambedkar Marathwada University in August 1997.

RESEARCH EXPERIENCE

ROLE OF PET-CT IN ONCOLOGY AND NEUROLOGY

JOURNAL PUBLICATIONS

FDG-PET/CT provides added value in routine multiple imaging scans.

Diagnostic imaging May 2009.

BOOK CHAPTER

- 1.CHAPTER ON PET-CT IN CHEST DISEASES ,CHEST IMAGING , JAYPEE PUBLICATIONS.
- 2.CHAPTER ON CHEST RADIOLOGY BY JAYPEE PUBLICATIONS.
3. ATLAS OF BODY IMAGING .PET-CT IMAGES ,JAYPEE PUBLICATIONS.
- 4.CHAPTER ON MR ABDOMEN ,MR ABDOMINAL IMAGING .JAYPEE PUBLICATIONS.

CONFERENCE PRESENTATIONS

- S.Shaikh 'Whole body PET/CT compared to whole-body MRI in the diagnosis of sclerotic bone metastases' ESR 2012 Vienna .
- S Shaikh Role of FDG PET-CT for the evaluation of lymph node metastases in orbital lymphomas ESR 2011(Poster)
- S Shaikh Preoperative staging of hilarcholangiocarcinoma by dual-modality PET-CT ESR 2011 (Poster)
- S Shaikh Whole body PET-CT imaging staging of malignant melanoma: experience with 25 consecutive patients ESR 2011(Poster).
- S.ShaikhRole of MRI spine for the staging of prostate cancer ESMRMB 2009 (Oral).
- S ShaikhThe role of the oral contrast medium in 18F-FDG-PET studies ECR Vienna 2008.(Oral).
- S Shaikh Imaging the cervical spine in acute trauma: MRI vs CT ECR Vienna 2008.(Oral).
- S Shaikh Role of 18F-FDG PET-CT in detection of recurrence of ovarian carcinoma with low tumor markers.ECR Vienna 2008. (Oral).
- S ShaikhWhole body positron emission tomography (18FDG PET-CT) in patients with unknown primary with brain metastases. RANZCR 2007.Melbourne.(Oral).
- S Shaikh Abdominal lymph node metastasis in patients with intra-abdominal malignancy: Multidetector CT versus positron emission tomography (PET) RANZCR 2007 Melbourne.(Oral).
- S Shaikh Evaluation of subcentimetermetastatic Pulmonary nodules by HRCT vs PET/CT in known primaries. RANZCR 2007 Melbourne 2007.(Oral).
- S Shaikh Role of 18 F-FDG PET/CT in staging of Non-Hodkin's lymphoma as

compared to PET & CT alone. RANZCR 2007.Melbourne.(Oral).

S Shaikh To assess coronary stent patency with ECG-gated 16 row multislice CTA

RANZCR 2007 Melbourne (Oral).

S Shaikh Clinical APPLICATIONS OF PET-CT SEP 2006 CT UPDATE GOA .(Poster)

HONOURS AND AWARDS

E K ZAVOISKY AWARD International Society Of Magnetic Resonance and Molecular Biology ISMRM May 2012 Melbourne.

INVEST IN YOUTH European Society Of Radiology ECR March 2012.

E K ZAVOISKY AWARD International Society Of Magnetic Resonance and Molecular Biology ISMRM May 2011 Montreal

INVEST IN YOUTH European Society Of Radiology ECR March 2011.

NEW ENTRANT SCHOLARSHIP E K ZAVOISKY AWARD International Society Of Magnetic Resonance and Molecular Biology ISMRM May 2010 Stockholm.

YOUNG INVESTIGATORS AWARD Asia Ocenia Society Of Radiology AOCR Seoul 2008.

INVEST IN YOUTH European Society Of Radiology ECR March 2008

Best Student Award : MBBS 1997.

INVITED TALKS

AS FACULTY.

- PET-CT IN LYMPHOMA AT IRIA MEET HYDERABAD OCT 2006.
- ROLE OF PET-CT IN RECURRENT BRAIN TUMOURS INDIAN SOCIETY OF NEURORADIOLOGY GUWAHATI NOV 2006.
- CT-PET INDIAN RADIOLOGICAL IMAGING ASSOCIATION ANNUAL CONFERENCE MUMBAI JAN 2007.
- PET-CT IN NEUROIMAGING, NEURORADIOLOGY CME MADURAI FEB 2007.
- PET-CT IN NEUROIMAGING. RDR TRUST NEUROIMAGING CME PUNE MARCH 2007.
- PET-CT IN CHEST IMAGING CHEST RADIOLOGY CME SHOLAPUR APRIL 2007
- PET-CT IN HEAD & NECK HEAD AND NECK CME HYDERABAD APRIL 2007.
- IMAGING IN ORBIT HEAD & NECK CME HYDERABAD APRIL 2007.
- PET-CT IN PAEDIATRICS AT ANNUAL CONFERENCE OF INDIAN SOCIETY OF PAEDIATRIC RADIOLOGY SEP 2007.
- PET-CT IN CHEST DISEASES AT ANNUAL NATIONAL PULMONOLOGY C CONFERENCE AT POST GRADUATE INSTITUTE CHANDIGARH NOV 2007.
- IMAGING IN ICCU AT INDIAN RADIOLOGICAL IMAGING ASSOCIATION ANNUAL CONFERENCE AT BANGALORE JAN 2008.
- PET-CT IN ONCOLOGY & IMAGING IN ORBIT AT SOUTH ASIAN CONGRESS OF RADIOLOGY CONFERENCE AT KATHMANDU NEPAL MARCH 2008.
- PRESENTATIONS IN VARIOUS CITY/STATE CONFERENCES IN INDIA
- IRIA FACULTY WITH 3 TALKS IN NATIONAL CONFERENCE 2009.
- FACULTY IN SAARC RADIOLOGY CONFERENCE AT KANDY JUNE 2009.
- FACULTY AT IRIA ORISSA CHAPTER BHUBANESHWAR DEC 2009.
- FACULTY AT ANNUAL CME IN PUNE INDIA JAN 2010.

- FACULTY AT ANNUAL CONFERENCE OF BIOMEDICAL ENGINEERING AT OSMANIA UNIVERSITY .HYDERABAD INDIA.
- FACULTY AT SAARC RADIOLOGY CONFERENCE AT NAGPUR AUGUST 2010.
- FACULTY IN NAPCON 2010 AT JODHPUR.
- FACULTY IN ASICON 2010 AT LUCKNOW.
- FACULTY IN APICON 2011 AT AHMEDABAD
- FACULTY IN RADIOLOGY CME AT PUNE JAN 2011.
- FACULTY IN IRIA 2011 AT NEW DELHI 2011.
- FACULTY IN HARNAM SINGH CME AT AGRA AUG 2011.
- FACULTY AT UDAIPUR MDCT UPDATE OCT 2011.
- FACULTY IN USG CME IN PUNE JAN 2012.
- FACULTY IN IRIA HYD JAN 2012.
- FACULTY IN SAARC RADIOLOGY CONFERENCE NEPAL FEB 2012
- FACULTY AT RARE Chennai FEB 2012.

JOURNAL REVIEWER

Reviewer:

- Indian Journal Of Radiology and Imaging,
- Indian Journal Of Chest Medicine.

REVIEWER OF ABSTRACTS

International Society Of Magnetic Resonance and Molecular Biology ISMRM May 2011 Montreal

International Society Of Magnetic Resonance and Molecular Biology ISMRM May 2012 Melbourne

Indian Radiology and Imaging Association Annual Conference 2012 Hyderabad

RESEARCH INTERESTS

My formal training is as a Radiologist and I have pursued PET-CT modality .

(I) Molecular Imaging

In this field I am interested to use PET-CT,MR-PET and MRI for the development of functional biomarkers which will help in diagnosing the disease at molecular level.

Its use can further be used for developing new techniques and protocols for the disease specific diagnosis.

(II) Nanoimaging

Today, there is a significant clinical need for novel method of detection and treatment of cancer and other diseases which offer improved sensitivity, specificity and cost effectiveness.

The challenges ahead are the development of effective targeting strategies of nanoparticles system (imaging probe/drug delivery carrier) to the tumor/cell with higher sensitivity and precision of recognition. My future research interest is to develop nanoplatform with multimodal strategies for excellent tumor targeting, cocktail therapeutic treatment and monitoring the response to treatment for significant improvement of cancer treatment.

(III) Collaboration with foreign universities and national institutes of repute.

For understanding and to develop the future research we can have collaboration so that we can get exchange of novel ideas and concepts for our research.

TEACHING AND MENTORING EXPERIENCE

Teaching the postgraduates of National Board Of Examinations (DNB) Radiology at Apollo Hospitals and Yashoda Hospitals Hyderabad.
Teaching the MD DMRD post graduates of Radiology at Shadan Medical College Hyderabad

LEADERSHIP EXPERIENCE

Organizing Secretary

Monthly meeting of Hyderabad Association Of Medical Doctors 2009,2010 and 2011

TECHNICAL SKILLS

Working in the HOTLAB for preparation of F-FDG Flourodeoxyglucose for PET-CT