

DR. SOUMENDRANATH RAY

Name : Dr. Soumendranath Ray
Sex : Male
Designation : Senior Consultant, Nuclear Medicine
Work Contact Details:

Educational Qualifications.

1. Undergraduate MBBS
2. Post Graduate DRM, DNB (NUCLEAR MEDICINE)
3. Speciality NUCLEAR MEDICINE

Details of Training and Experience (one small para each please)

1. **Undergraduate:** MBBS from North Bengal Medical College.,1988
House jobs in medicine and radiology
2. **Post Graduate:**
 1. Diploma in Radiation Medicine (DRM) from Radiation Medicine Centre,Tata Memorial Hospital Bombay.1991
 2. DNB (Nuclear Medicine) - Radiation Medicine Centre, Tata Memorial Hospital,1994.
 3. Passed Radiation Safety Officer(RSO GRII) exam, conducted by AERB, 1991.

3. Speciality Training:

- Clinical Observer PET-CT department, **Vanderbilt University,Nashville,USA ,2008**
- Clinical Observer in Nuclear Medicine Department,**Royal Liverpool University Trust Hospital, Liverpool, UK ,2007.**
Received practical training in **PET-CT, SPECT-CT & RADIOISOTOPE THERAPY**
- Clinical Fellow in **Institute of Radiosynoviorthesis and Thyroidology in Cologne, Germany,,2002 .**
Received practical training in procedure for Radiosynoviorthesis in big and small joints and also in Musculoskeletal Ultrasonography.
- Clinical Fellow in the **Dept. of Nuclear Medicine, Medical College of Wisconsin , Milwaukee, U.S.A.,1995**

Participated in all Clinical and research activities with special emphasis on Nuclear Cardiology, Bone SPECT, Brain SPECT and other computer assisted examinations.

- Participated in the CME Programme of SPECT Brain Imaging in March 1995 at **Freodert Hospital, Milwaukee, U.S.A.,1995**

Clinical Appointments:

- **Chief Consultant**, Nuclear Medicine, Kokilaben Dhirubhai Ambani Hospital, Mumbai,India, from 1.8.2008-17.6.2010.
- Chief Consultant in Nuclear Medicine in **EKO X –Ray & Imaging Institute** Kolkata from October 1996 to June 2008.
- Consultant in **Bombay Hospital**, Mumbai –400 020. for **3 yrs** (from 15.07.93 to 14.08.96).
- Scientific Officer for 1 year (from 14.07.92 to 14.07.93) in **Radiation Medicine Cente, Tata Memorial Hospital, Mumbai 400 012.**
- Resident Medical Officer. for one year.(from 08.08.91 to 13.07.92) in **Radiation Medicine Center, Tata Memorial Hospital, Mumbai 400 012**
- Medical Officer in **Coochbehar Cancer Centre, Coochbehar** ,West Bengal for 7 months (from 01.11.89 to 13.06.90).
- Resident Houseman in Department of Radiology. for 6 months (from 11.04.89 to 10.10.89) in Central Hospital, N.F. Railway, Guwahati –781001
- Resident Houseman in Department of General Medicine for 1 year from 11.04.88 to 10.04.89) in Central Hospital, N.F.Railway, Guwahati 781 001.

Memberships :

- Society of Nuclear Medicine
- Association of Nuclear Medicine Physicians of India
- IMA
- Bengal Urological Society
- Asiatic society

Publications:

1. Phosphorous-32, the forgotten radiopharmaceutical ? Sobhan Vinjamuri, Soumendranath Ray. Editorial:Nuclear Medicine Communications, Feb 2008,Vol 29,Issue 2
2. Added Value of PET and PET-CT in oesophageal cancer:a review of current practice. Sobhan Vinjamuri,Soumendranath Ray. Review Article:Nuclear Medicine Communications, Jan 2008, Vol 29(1):4-10.
3. Whole Body Retention of 99 mTc Methylene Diphosphonate (MDP) in monitoring Skeletal Calcium status in post menopausal women. Patel R.B, Rangarajan V, Joshi DP, Ray S, Samuel AM et al. **World Journal of Nuclear Medicine, Vol 2, No. 4, Oct-2003 p280 - 285.**
4. Differential kinetics of parotid and Submandibular Gland function as demonstrated by scintigraphic means and its possible implications. B.L.Malpani, A.M. Samuel, S.Ray, **Nuclear Medicine Communications 1995, Vol-16, p706-709**
5. Quantification of salivary gland function in thyroid cancer patients treated with Radio Iodine. B.L.Malpani, A.M.Samuel, S. Ray. **International Journal of Radiation Oncology, Biology and Physics Vol- 35, no- 3, pp535 –540, 1996.**
6. Pulmonary Alveolar Microlithiasis : Report of two siblings. S.K. Sharma, Soumen Ray, Sumita Kundu et. Al Lung India , 2004 ; 21: 56-61.
7. Distinguishing Neoplastic and Non-Neoplastic Ring Enhancing Lesions of the Brain Detected in CT and/or MRI with the help of Correlative Nuclear Imaging” S.Ray, B.Kundu, S.Kundu, S.Roy, SK. Sharma. Indian Journal of Radiology and Imaging, 2002 12:2:189-195
8. Comparison of musculoskeletal USG and radionuclide soft tissue scintigraphy in the evaluation, selection and follow up of patients for radiosynoviorthesis. Ray S, Basak B,Dey NR, Sharma SK. **International Conference on Radiopharmaceuticals therapy, Limassol, Cyprus, 11-14th oct , 2005.**
9. A noninvasive evaluation of IHD with 16 slice MDCT coronary angiography & myocardial perfusion SPECT;an initial study. Ray S,Kundu B,Sharma S K. **International Conference of Nuclear Cardiology. May 8-11, 2005, Lisbon, Portugal**
10. A simple early soft tissue phase image while performing a routine 99mTc – MDP bone scan can serve the purpose of a screening mammography in early detection of breast cancer. Soumendranath Ray, Bijon Kundu, Shekhar Basu, S. K. Sharma. EKO X-Ray & Imaging Institute, Kolkata, India. **Presented in International Symposium on Nuclear Oncology, Porto Alegre, Brazil – 19th to 23rd January, 2004.**
11. Multimodal Brain Imaging – Structural, Functional and Biochemical Aspects. P. K. Roy, D. Dutta Majumdar, S. Ray. Presented in **NIMH – NBRC Workshop on Neuroscience, National Institute of Health, USA, July-August-2000.**
12. Detection of abnormal cells in the bone marrow taking up antithyroglobuline antibody in patients of thyroid carcinoma N. Nair, Y. Badrinath, A.A. Narekar, S.Ray and C.N.Nair. **41st Annual Meeting of SNM in Orlando- Florida, June, 5-8**

BOOK CHAPTER:

Neuroimaging in movement disorder. Movement disorder --- a primer with a CD. Editor
: DR S K DAS. Publisher: Jaypee Brothers , New Delhi

Awards:

- **Certificate of Appreciation from International Atomic Energy Agency (IAEA)** for conducting Post Graduate teaching.in Nuclear Medicine