

Department of Nuclear Medicine

Faculty • **Dr. Satyawati Deswal(Associate Professor)**

NAME-Dr. SATYAWATI DESWAL

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RELATED COURSE WORK (M.D)

1. Immunoassays
2. Medical Ethics
3. Laboratory diagnosis for residents
4. Biostatistics

PREVIOUS POSITIONS HELD

1. CONSULTANT DEPT OF NUCLEAR MEDICINE & PET CT RAJIV GANDHI CANCER INSTITUTE & RESEARCH CENTRE ,DELHI – 110085. The department in this institute is equipped with state of the art Gamma Camera and Integrated PET-CT. There is a isolation ward for therapy of thyroid cancer patients.
2. CONSULTANT & HOD DEPT OF NUCLEAR MEDICINE INSITUTE OF CARDIAC SCIENCES & ARMENIAN CHURCH TRAUMA CENTRE NARAYANA HRUDAYALAYA GROUP OF HOSPITALS KOLKATA - 700099 , (Setting up and Commissioning of the department of nuclear medicine at this institute.)
3. ASSISTANT PROFESSOR, DEPT OF NUCLEAR MEDICINE, SGPGIMS, RAE BARELI ROAD, LUCKNOW-226014

RESEARCH ACTIVITIES

M.D Thesis: Potential role of ^{99m}Tc -MDP scinitgraphy in patients with palpable breast masses under guidance of Professor B.K.Das, Head of Dept., Dept. of Nuclear Medicine, SGPGIMS, Lucknow.

Participated actively in all the intramural projects of the department since 1998 on (i) ^{99m}Tc -

MIBI scintimammography in locally advanced breast cancer, (ii) 99mTc-antimony colloid sentinel node imaging in early breast cancer , (iii) 99mTc-antimony colloid sentinel node imaging in breast cancer patients with locally advanced disease following preoperative neoadjuvant chemotherapy, (iv) esophageal transit studies with semisolid meal labeled with 99mTc-sulphur colloid, (v) 99mTc- citrate imaging in various tumors, (vi) 99mTc-mebrofenin scintigraphy in patients with persistent pain following cholecystectomy, (vii) 201Tl and 99mTc-MIBI scintigraphy in patients with brain tumors preoperative as well as on follow up, etc.

MEMBERSHIP

1. Life member of Society of Nuclear Medicine, India
2. Life member of Nuclear Cardiology society of India
3. Founder Member, Association of Nuclear Medicine Physicians of India

CONFERENCES/WORKSHOP ATTENDED

1. IAEA Workshop on scintimammography, Nov 1998, SGPGIMS, Lucknow.
2. 32nd Annual conference of society of Nuclear Medicine-India, Nov 2000, Mumbai.
3. 1st national telemedicine conference, Feb 1999, SGPGIMS, Lucknow.
4. International conference on use of ionizing radiation in patients, March 2001, SGPGIMS, Lucknow.
5. Workshop on DAE Medical Cyclotron at Kolkata and its utilities, May 2007.
6. 39nd Annual conference of society of Nuclear Medicine-India, December 2008, SGPGIMS, Lucknow.

PUBLICATIONS:

1. Esophageal motor disorder diagnosed by esophageal transit scintigraphy. CNM, Vol.29 (11); 768-769, 2004.
2. Spontaneous rupture of choledochal cyst and the role of hepatobiliary scintigraphy. CNM, Vol.29 (6); 2004.
3. Incidental detection of single brain metastasis from breast carcinoma during Tc-99m MIBI scintimammography. CNM, Vol. 26 (10); 883-884, 2001.
4. Significance of early static views acquired during parathyroid imaging with Tc-99m MIBI. IJNM, 15 (2); 81-83, 2000.
5. Single photon emission computed tomography in detection of accessory spleen. IJNM, Vol.14 (3); 300-301, 1999

6. Single Photon Emission Tomography (SPECT) in Detection of Accessory Spleen. IJNM Vol. 14 No3, 300-301 1999

Papers and Abstracts

Non-specific Gastrointestinal Symptoms: Role of Radionuclide Gastric Emptying Study IJNM 2004

Assessment of Antenatally Diagnosed Unilateral Hydronephrosis using ^{99m}Tc-EC IJNM 2004

Role of Thyroid Parotid Ratio in the Diagnosis of Thyroid Dysfunction IJNM 2002

Comparison of Outcome of Radioiodine Therapy in Graves' disease with and without Pretreatment with Anti-thyroid Drug IJNM 2001

Quantization of Absolute Renal ^{99m}Tc-DMSA Uptake and its Correlation with ^{99m}Tc-DTPA/EC Uptake and GFR/ERPF IJNM 2002

Comparative Study of ^{99m}Tc EC and ^{99m}Tc DTPA in Routine Nephro-Urological Practice IJNM 2004