



DEPARTMENT OF NUCLEAR MEDICINE

PT. B.D. SHARMA, PGIMS, ROHTAK



Department of Nuclear Medicine

Pt. B.D. Sharma, PGIMS, Rohtak (Haryana)

No. NM/SPL/2025/ 70

Date:- 04-08-2025

To

The Director
Pt. B.D Sharma PGIMS
Rohtak

Sub- Regarding updating the PGIMS website.

In reference to the subject cited vide letter no. MG/2025/7883 dated 28/07/2025, the information related to the Department of Nuclear Medicine is provided below for updating on the PGIMS website:

1. The Department of Nuclear Medicine was technically established in the year 1995. However, the No Objection Certificate (NOC) for the construction of the department building was issued by the Government of Haryana in 2018. The teaching staff positions (1 Professor, 1 Teacher, 2 Senior Residents, and 2 Nuclear Medicine Technologists) and ancillary staff posts were sanctioned in 1998.
2. Creation of New posts (Teacher – one, RSO cum Physicist -Two, Radiochemist – One, Nuclear Medicine Technologists – Four) which are essential for the Department of Nuclear Medicine had already been sent to the Govt. of Haryana for approval from the Finance Department.
3. Nuclear Medicine is a Theragnostic superspeciality that offers both diagnostic and therapeutic services. Diagnostic facilities include SPECT/CT (Gamma Camera) and PET/CT, while therapeutic services include radionuclide therapies for various cancers, such as:
 - o Lu-DOTATATE therapy for Neuroendocrine Tumours (NET)
 - o Lu-PSMA therapy for Prostate Cancer
 - o I-131 therapy for Thyroid Cancer
 - o Bone pain palliation therapies for advanced cancer patients
4. Construction of the department building commenced in June 2021 after due approvals from the Atomic Energy Regulatory Board (AERB) and other statutory bodies. The building is designed to house:
 - o 2 PET/CT machines
 - o 2 SPECT/CT machines
 - o 1 Cardiac-dedicated Gamma Camera
 - o 5-room radionuclide therapy ward
5. One SPECT/CT machine has already been approved by the Government of Haryana under the Renal Transplant Program in 2023. The budget was sanctioned in 2025, and a procurement proposal has been sent to the Director, Medical Education & Research (DMER).
6. A proposal for procurement of one PET/CT machine (Government-owned) has been submitted for approval to the SFC-B committee of the Government of Haryana.

The state-of-the-art building includes:

- 5 Consultant Rooms
- Seminar Room
- Departmental Library
- Tumour Board Room
- Departmental Office
- 5-room Therapy Ward
- RSO/Physicist Room
- Therapy OPD Room
- Lu-Preparation Room
- Separate Hot Labs for PET/CT and SPECT/CT
- 2 SPECT/CT Rooms
- 1 Cardiac-dedicated Gamma Camera Room
- 2 PET/CT Rooms
- Reporting Room

Upon commissioning of the equipment, the department will provide various diagnostic services (e.g., DTPA, DMSA, Bone, and Cardiac scans) and PET/CT scans at significantly lower costs compared to private diagnostic centres. In addition, it will offer therapeutic services like I-131 therapy, Lu-PSMA, Lu-DOTATATE, and bone pain palliation therapies.

Faculty Information:

Currently, Dr. Rohit Kumar (MD Nuclear Medicine, PGIMER Chandigarh) is serving as Associate Professor & Head of Department. He joined the institute in 2018 as Assistant Professor and has been instrumental in the administrative and technical establishment of the department.

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Future Directions:

1. Introduction of academic courses under UHS, Rohtak:
 - o M.D. in Nuclear Medicine
 - o M.Sc. in Nuclear Medicine
 - o B.Sc. in Nuclear Medicine
2. Establishment of a **Cyclotron facility** for in-house production of radiopharmaceuticals for PET/CT scans and research activities.

The long-awaited Department of Nuclear Medicine will become fully functional after taking approvals/NOC from AERB after the installation & commissioning of the approved SPECT/CT machine.

This is for your information and necessary action please.



Dr. Rohit Kumar
Associate Prof & Head
Department of Nuclear Medicine
Pt. B.D. Sharma PGIMS, Rohtak