

ent nuclear medicine department.

But it must be recognized that at the present stage, the establishment of nuclear medicine as an independent department would be unrealistic,

because the shortage of staff members in nuclear medicine or radiology is a important problem in this country.

Example of the Department of Nuclear Medicine in Kanazawa University

N. TONAMI

Department of the Nuclear Medicine, School of Medicine, Kanazawa University

Three years have passed since the department of nuclear medicine of Kanazawa University started.

The members of our department are composed of 8 staffs, 7 residents and a foreign research fellow.

During the clinical undergraduate stage 38 hours lectures with 40 hours practical work are performed by 8 staffs.

The lectures involve nuclear physics, radiation biology, radiation protection, radiopharmaceuticals, instrumentation and clinical nuclear medicine. Practical work of nuclear medicine is mainly based on clinical nuclear medicine which contains decision of a radio pharmaceutical, dose, method and interpretation of the results obtained in nuclear imaging.

It also involves safety management of the radiopharmaceuticals and computer application in nuclear medicine.

At the end of the practical work a reading conference of recent foreign literatures about nuclear

medicine is held and the contents are discussed with staffs.

Besides the practical work the audiovisual self-teaching machine accompanied with the slides which were made of the cases in our department is used by the students who wish well to know nuclear medicine.

As postgraduate training, practical work for residents is carried out along the special nuclear medicine curriculums.

The basecal curriculum has 20 items and is carried out within 6 months. The clinical curriculum involves nuclear imaging, radiobioassay, in vitro and in vivo measurements and therapy with unsealed radionuclides, and is carried out for 18 months.

Regular activities to evaluate nuclear medicine physicians' abilities in our department are reading conferences twice a week, and clinical conference among nuclear medicine, neurology, neurosurgery and radiology once a month.