

¹³¹Iodine Therapy Program

The following is a suggested Iodine-131 Therapy Program for your use as a template. The intention of this presentation is to establish a regulatory compliant format for your use in either starting or maintaining this clinical service.

It is our hope that this template will form the foundation of a solid clinical service that demands as the regulatory agencies require a "strict attention to detail".

A detailed procedure for Treatment of Hyperthyroidism is provided as a reference and NRC / JCAHO compliant policy / procedure. An informed consent is included for your consideration as a patient education effort. An informed patient usually translates into a compliant patient. A suggested written directive is provided as required. Patient identification and determination of pregnancy / breast feeding status is added to the directive form for completeness from a radiation safety perspective. Patient release forms and patient release calculation sheets are provided for doses greater than 33 mCi (1.22 GBq) to insure that absorbed doses to others is less than 500 mrem (5 mSv). Finally a set of safety instructions per range of activity administered are provided for the patient and family members to keep exposures ALARA and meet the requirements of 10 CFR 35.75.

Treatment of thyroid carcinoma can be provided either as an out or inpatient procedure. We have divided this section accordingly. A detailed procedure is provided to cover both avenues of treatment. An informed consent is again provided for patient compliance. Written directive, patient release forms and calculation sheets as well as a set of safety instructions per range of activity administered are provided as they are required for all patients. A fourteen point thumbnail sketch of the out patient procedure is provided as a quick guide. In patient therapies will demand considerable documentation. We have provided a twenty two point thumbnail sketch as a guide for inpatient treatments. A supply

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check list for both pre and post therapy cleanup is provided to minimize trips back and forth between Nuclear Medicine and the therapy patient room. A nursing inservice sign in sheet is provided as well as a checklist of compliance issues for nursing personnel. The backbone of the documentation process is provided as an inpatient therapy record that will allow the recording of each step in the process from ordering a dose to cleanup of the therapy room.