

C/Clinical

1. Study Title: Cisternography Using Intrathecally Administered Radioactive Human Serum Albumin, No. 7756
2. Type of Ionizing Radiation: Iodine 131
3. Where: Wilford Hall Medical Center, Lackland AFB, TX
When: Sept 1969-?
4. Researcher(s): Maj Robert L. Young
5. Organization(s): Wilford Hall Medical Center
6. Subjects: 62
7. Summary: To develop the technique of cisternography using intrathecally administered Radioactive Iodinated Serum Albumin (RISA) to evaluate cases of suspected hydrocephalus; to follow the course of hydrocephalus from known causes; to evaluate the patency of surgically implanted ventricular shunts. The study indicated that unless contraindicated, all patients will receive SSKI prior to the study to block the uptake of the radioactive iodine by the thyroid. Using 100 millicuries of I-131 RISA, the estimated radiation dose to the central nervous system is 1 rad and the total body dose is 100 millirads (referenced). This dose is well within acceptable limits for diagnostic procedures involving radiation. The FDA has allowed the approval of the use of radioactive drugs to the AEC and a proposal has been sent to the AEC.
8. Informed Consent: Protocol stated consent would be taken; no record of actual consent documents.
9. Source of Information: USAF Surgeon General Microfiche Files of Clinical Investigations and WHMC Microfiche Files
10. Point(s) of Contact: Col John Cissik, Director of Clinical Research, WHMC, DSN 554-7141; Lt Col Dan Brown, USAF Surgeon General's Office, DSN 297-5078