

Facilities of U.S. Army Health Services Command at which investigational human exposures to ionizing radiation took place using health-care delivery resources (Major Defense Program 8) between 1944 and 1973, based on reports from that facility. We identified no evidence of impropriety in any study.

Data as of: 28 September 1994

General Comment: Corporate policy in the U.S. Army required measures for the protection of human subjects (including informed consent) as early as 1962, two years before the original Helsinki declaration on human research ethics. This policy was more respectful than the norm in comparable civilian institutions.

	Total IR					
	<u>Studies</u>	<u>SE</u>	<u>RT</u>	<u>OG</u>	<u>DTSP</u>	<u>Other</u>
Brooke AMC	9	5	4	1	0	0
Eisenhower AMC	0	0	0	0	0	0
Fitzsimons AMC	17	16	0	0	1	0
Letterman AMC	2	2	0	0	0	0
Madigan AMC	1	0	1	1	0	0
Tripler AMC	2	2	0	0	0	0
Womack AMC	0	0	0	0	0	0
W.Beaumont AMC	8	8	0	0	0	0
W.Reed AMC	<u>30</u>	<u>16</u>	<u>13</u>	<u>7</u>	<u>1</u>	<u>0</u>
Total (1944 to 1973)	69	49	18	9	2	0

Definitions (not mutually exclusive, except DTSP):

IR - ionizing radiation

SE - projects involving radiopharmaceuticals licensed by the FDA at the time of study or investigational radiopharmaceuticals subsequently licensed as safe and effective.

RT - projects involving external-source radiation therapy (e.g., for cancer or thyroid disease) used at a presumably safe and effective dose.

OG - projects involving collaborative oncology groups [e.g., Cancer & Leukemia Group B (CALGB), Gynecologic Oncology Group (GOG), Pediatric Oncology Group (POG), Southwest Oncology Group (SWOG)]. These groups, often funded by the National Institutes of Health (NIH), offer the advantage of centralized review of the science and ethics of projects conducted at multiple civilian and federal hospitals around the country.

DTSP - other projects involving the diagnosis or treatment of sick people to manage clinical disease. Excludes SE, RT, or OG categories.

ISOTOPES USED IN RADIOPHARMACEUTICAL STUDIES
(1944 to 1973)

Atomic Symbol	Isotope, Salt	1944- 1973	1944- 1994
Am	Americium-241	1	2
Cr	Chromium-51	2	2
Co	Cobalt-57 (in Vit B-12)	0	1
F	Fluorine-18	2	2
Ga	Gallium Citrate-67	11	21
Au	Gold, Unspecified (196?)	1	1
In	Indium-111	4	42
I	Iodide-123 Sodium	3	13
	Iodide-125 Sodium	0	2
	Iodide-131 Sodium	6	26
	Iodine, Unspecified	4	10
P	Phosphate, Chromic, P-32	1	10
Sr	Strontium-89	0	4
Tc	Technetium-99m	11	76
Tl	Thallous Chloride-201	0	10
Xe	Xenon-133	6	7
	Indeterminate or Unspecified	<u>2</u>	<u>50</u>
Total Number of Studies *		50	272

* - columns do not sum arithmetically, because some studies involved more than one isotope

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ONCOLOGY GROUP PROTOCOLS
(1944 to 1973)

	Unique <u>Protocols</u>	Iterations of Protocols at <u>Multiple Sites</u>
Cancer & Leukemia Group B (CALGB)	5	6
Gynecologic Oncology Group (GOG)	0	0
Pediatric Oncology Group (POG)	0	0
South Western Oncology Group (SWOG)	2	2
Other Group Projects	1	1
Total	8	9

CODE BOOK FOR HUMAN CLINICAL INVESTIGATIONS INVOLVING IONIZING RADIATION
U.S. ARMY HOSPITALS, 1944 to 1973

28 September 1994

AMC	- Army Medical Center
BAMC	- Brooke Army Medical Center, Fort Sam Houston, TX
CALGB	- Cancer & Leukemia Group B
CCG	- Central Cancer Group
Co	- Cobalt
CSP	- A study involving the care of sick people; also called DTSP-- Diagnosis and treatment of sick people.
CT	- Computerized tomography (CT scans, also called computer-assisted tomography or CAT scans)
DDEAMC	- Dwight D. Eisenhower Army Medical Center, Fort Gordon, GA
DTSP	- Diagnosis and treatment of sick people.
ECOG	- Eastern Cooperative Oncology Group
F	- Fluorine
FAMC	- Fitzsimons Army Medical Center, Aurora, CO
FDA	- Food & Drug Administration
Ga	- Gallium citrate
GOG	- Gynecologic Oncology Group
HSC	- Health Services Command, now known as the US Army Medical Command; the numbers recorded in this field are the record numbers in the Clinical Investigation Research Service (CIRS) database; numbers that end in "000" are notional for the purposes of this report; the first two characters of this field indicate the year the study began or was noted.
HURO	- Human Use Review Office, USAMRDC (now called Human Use Review & Regulatory Affairs Directorate of US Army Medical Research & Materiel Command, USAMRMC)
I	- Iodine
In	- Indium
IND	- Investigational New Drug
LAHC	- Letterman Army Health Clinic
LAMC	- Letterman Army Medical Center, Presidio of San Francisco, CA; now Letterman Army Health Clinic (LACH)
LCSG	- Lung Cancer Study Group
MAMC	- Madigan Army Medical Center, Fort Lewis, WA
MEDCEN	- Medical Center
MEDCOM	- US Army Medical Command
N	- No
NBCG	- National Breast Cancer Group
NBCCGA	- National Breast & Colon Cancer Group A
NCI	- National Cancer Institute
NCOG	- Northern California Oncology Group
NPC	- NasoPharyngeal Cancer Group
NPCP	- National Prostatic Cancer Project
NSABP	- National Surgical Adjuvant Breast & Bowel Project
OG	- Oncology group; in this database, the field name is "OG;" if this designation applies, the characters "OG" appear in the field; otherwise, it is blank; thus, a record with this designation appears as "OG: OG" or else "OG: ".
P	- Phosphorus
PE	- Positron-emission tomography (PET scans)
PET	- Positron-emission tomography
POG	- Pediatric Oncology Group
RECDELETED	- Artifact of the database
RECNUMBER	- Artifact of the database
RECVERIFIE	- Artifact of the database

RT	- Radiation therapy; in this database, the field name is "RT;" if this designation applies, the characters "RT" appear in the field; otherwise, it is blank; thus, a record with this designation appears as "RT: RT" or else "RT: ".
RTOG	- Radiation Therapy Oncology Group
SE	- Radiopharmaceuticals determined by FDA to be safe and effective; in this database, the field name is "SE;" if this designation applies, the characters "SE" appear in the field; otherwise, it is blank; thus, a record with this designation appears as "SE: SE" or else "SE: ".
Sr	- Strontium
SWOG	- Southwestern Oncology Group
TAMC	- Tripler Army Medical Center, Honolulu, HI
Tc	- Technetium
TCMAA	- Technetium-macro-aggregated albumin
Tl	- Thallium
UCOLO	- University of Colorado
UNSPEC	- Unspecified, indeterminate
USAMRDC	- US Army Medical Research & Development Command, now known as the US Army Medical Research & Materiel Command (Provisional)
UWNG	- University of Washington Neuro-Oncology Group
WAMC	- Womack Army Medical Center, Fort Bragg, NC
WBAMC	- William Beaumont Army Medical Center, El Paso, TX
WOG	- Western Oncology Group
WRAMC	- Walter Reed Army Medical Center, Washington, DC
Xe	- Xenon
XR	- Radiographic studies involving X-rays. Includes CT scans and PET scans.
Y	- Yes
YR	- Year group of the study (two digits)

If additional information is needed about these data, please contact MAJ John D. Grabenstein, MS, Regulatory Affairs Pharmacist, Clinical Investigation Regulatory Office, AMEDD Center & School, Fort Sam Houston, TX 78234-6125; 210-221-2511, DSN 471-2511, fax 210-554-4756

Record number 1

HSC : 54000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 54
TITLE1 : OBSERVATIONS ON THE MECHANISM OF THE RENAL CLEARANCE OF 131-I
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 1 RECVERIFIE: N

Record number 2

HSC : 54000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 54
TITLE1 : RENAL FUNCTION AND 131-I CLEARANCE IN HYPERTHYROIDISM AND MYXEDEMA
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 2 RECVERIFIE: N

Record number 3

HSC : 56000 HURO :
SITE : BAMC CSP : Y SE : SE
RT : OG : YR : 56
TITLE1 : PLATELET TRANSFUSION - EFFICIENCY AND METHODS TO IMPROVE CURRENT RESULTS IN THR
TITLE2 : OMBOCYTOPENIA PATIENTS
TITLE3 :
RECDELETED: N RECNUMBER : 3 RECVERIFIE: N

Record number 4

HSC : 59000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 59
TITLE1 : AN EVALUATION OF RENAL FUNCTION UTILIZING RADIOIODINE LABELED DIODRAST
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 4 RECVERIFIE: N

Record number 5

HSC : 62000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 62
TITLE1 : RADIOISOTOPES IN PULMONARY PHYSIOLOGY AND PATHOLOGY (I131 & XE 133)
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 5 RECVERIFIE: N

Record number 6

HSC : 64000 HURO :
SITE : BAMC CSP : Y SE :
RT : RT OG : YR : 64
TITLE1 : SURVIVAL RATES OF TESTIS TUMORS (ARMY WIDE INVESTIGATIONAL TREATMENT STUDY)
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 6

RECVERIFIE: N

Record number 7

HSC : 66000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : OG YR : 66
TITLE1 : CALGB 6604 - INTENSIVE RADIOTHERAPY: CHEMOTHERAPY STUDY OF GENERALIZED HODGKIN'
TITLE2 : S DISEASE
TITLE3 :

RECDELETED: N RECNUMBER : 7

RECVERIFIE: N

Record number 8

HSC : 66000 HURO :
SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 66
TITLE1 : PARATHYROID RESERVES IN 131-I TREATED PATIENTS
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 8

RECVERIFIE: N

Record number 9

HSC : 67000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 67
TITLE1 : DETECTION OF PULMONARY EMBOLI USING 133-XENON AND MACROAGGREGATED HUMAN SERUM A
TITLE2 : LBUMIN (MAAG) 131-I
TITLE3 :

RECDELETED: N RECNUMBER : 9

RECVERIFIE: N

Record number 10

HSC : 67000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 67
TITLE1 : EVALUATION OF TECHNICAL FACTORS OF THE BRAIN SCAN AND THEIR RELATIONSHIP TO DIA
TITLE2 : GNOSTIC ACCURACY
TITLE3 :

RECDELETED: N RECNUMBER : 10

RECVERIFIE: N

Record number 11

HSC : 67000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 67
TITLE1 : REGIONAL VENTILATION PERFUSION RELATIONSHIPS OF THE LUNG, ITS MEASUREMENT OF 13
TITLE2 : 133-XENON AND A LINEAR SCANNER
TITLE3 :

RECDELETED: N RECNUMBER : 11

RECVERIFIE: N

Record number 12

HSC : 67000 HURO :

SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 67
TITLE1 : THE VALUE OF ROSE BENGAL 131-I IN EVALUATING JAUNDICED PATIENTS
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 12 RECVERIFIE: N

Record number 13

HSC : 67000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 67
TITLE1 : ULTRASOUND IN PLACENTAL LOCALIZATION
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 13 RECVERIFIE: N

Record number 14

HSC : 68000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 68
TITLE1 : EFFECTS OF SELECTIVE CORONARY ARTERIOGRAPHY ON MYOCARDIAL BLOOD FLOW IN MAN
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 14 RECVERIFIE: N

Record number 15

HSC : 69000 HURO :
SITE : FAMC CSP : Y SE :
RT : XR OG : YR : 69
TITLE1 : A ROENTGENOGRAPHIC TECHNIQUE FOR MEASURING LUNG VOLUME
TITLE2 : FAMC # 69/140
TITLE3 :
RECDELETED: N RECNUMBER : 15 RECVERIFIE: N

Record number 16

HSC : 69000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 69
TITLE1 : QUANTITATIVE LUNG SCANNING IN PULMONARY TUBERCULOSIS, TUBERCULOUS PLEURAL EFFUS
TITLE2 : ION AND LUNG SURGERY FOR TUBERCULOSIS (XE 133)
TITLE3 :
RECDELETED: N RECNUMBER : 16 RECVERIFIE: N

Record number 17

HSC : 69000 HURO :
SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 69
TITLE1 : THE USE OF RISA BLOOD VOLUME DETERMINATION TO DETERMINE RED CELL VOLUME
TITLE2 : CR 51
TITLE3 :

RECDELETED: N RECNUMBER : 17 RECVERIFIE: N

Record number 18

HSC : 70000 HURO :
SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 70
TITLE1 : MOTTILING ON THE COLLOIDAL RADIOGOLD LIVER SCAN
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 18 RECVERIFIE: N

Record number 19

HSC : 70000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : YR : 70
TITLE1 : POST OPERATIVE TREATMENT OF WOMEN WITH RESECTABLE OVARIAN CANCER WITH RADIOTHER
TITLE2 : APY, CHLORAMBUCIL OR NO FURTHER TREATMENT
TITLE3 :

RECDELETED: N RECNUMBER : 19 RECVERIFIE: N

Record number 20

HSC : 70000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : YR : 70
TITLE1 : POST OPERATIVE TREATMENT OF WOMEN WITH RESECTABLE OVARIAN CANCER WITH RADIOTHER
TITLE2 : APY, ALKERAN (MELPHALAN), OR NO FURTHER TREATMENT
TITLE3 :

RECDELETED: N RECNUMBER : 20 RECVERIFIE: N

Record number 21

HSC : 70000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : YR : 70
TITLE1 : TREATMENT OF WOMEN WITH ADVANCED CERVICAL CANCER CONFINED TO THE PELVIS WITH HY
TITLE2 : DROXYUREA OR PLACEBO BOTH IN COMBINATION WITH RADIATION
TITLE3 :

RECDELETED: N RECNUMBER : 21 RECVERIFIE: N

Record number 22

HSC : 70000 HURO : AC026
SITE : WRAMC CSP : Y SE :
RT : RT OG : YR : 70
TITLE1 : REQUEST TO EVALUATE CLEOCIN (7 CHLARO-7 DEOXYLINCOMYCIN) TISSUE LEVELS IN BONE
TITLE2 : AND IRRADICATED BONE.
TITLE3 :

RECDELETED: N RECNUMBER : 22 RECVERIFIE: N

Record number 23

HSC : 71000 HURO :

SITE : WRAMC CSP : Y SE :
RT : RT OG : YR : 71
TITLE1 : RADIOTHERAPY OF LOCALIZED AND REGIONALLY ADVANCED NODAL AND EXTRA-NODAL MALIGNA
TITLE2 : NT LYMPHORETICULAR TUMORS AND INTENSIVE RADIOTHERAPY AND CHEMOTHERAPY OF NODULA
TITLE3 : R LYMPHOMAS
RECDELETED: N RECNUMBER : 23 RECVERIFIE: N

Record number 24

HSC : 71000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 71
TITLE1 : JOINT IMAGING WITH 99M-TECHNETIUM PERTECHNETATE
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 24 RECVERIFIE: N

Record number 25

HSC : 71000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 71
TITLE1 : PLACENTAL IMAGING WITH 99M TECHNETIUM PERTECHNETATE
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 25 RECVERIFIE: N

Record number 26

HSC : 71000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : YR : 71
TITLE1 : POST OPERATIVE TREATMENT OF WOMEN WITH STAGE III OVARIAN CANCER BY RADIOTHERAPY
TITLE2 : OR CHLORAMBUCIL EITHER ALONE IN BOTH SEQUENCES
TITLE3 :
RECDELETED: N RECNUMBER : 26 RECVERIFIE: N

Record number 27

HSC : 71000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 71
TITLE1 : SEQUENTIAL LUNG SCANNING OF TUBERCULOSIS PATIENTS UNDER TREATMENT
TITLE2 : (I 131 AND XE 133)
TITLE3 :
RECDELETED: N RECNUMBER : 27 RECVERIFIE: N

Record number 28

HSC : 71000 HURO :
SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 71
TITLE1 : THE DIAGNOSIS OF FUNCTIONING METASTASIS FROM THYROID CARCINOMA WITH 131-I AND S
TITLE2 : CINTILLATION CAMERA
TITLE3 :

RECDELETED: N RECNUMBER : 28

RECVERIFIE: N

Record number 29

HSC : 71000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : OG YR : 71
TITLE1 : WRAMC #7103 - COMPARISON OF RADIATION THERAPY PLUS CHEMOTHERAPY IN LOCALIZED BR
TITLE2 : ONCHOGENIC CARCINOMA
TITLE3 :

RECDELETED: N RECNUMBER : 29

RECVERIFIE: N

Record number 30

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : GALLIUM 67 CITRATE SCANS IN DETECTION OF EXTENT OF TESTICULAR TUMORS
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 30

RECVERIFIE: N

Record number 31

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : GALLIUM 67 CITRATE IN THE DIFFERENTIATION OF COLD NODULES FOUND IN THE LIVER SC
TITLE2 : AN
TITLE3 :

RECDELETED: N RECNUMBER : 31

RECVERIFIE: N

Record number 32

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : GALLIUM 67 CITRATE IN THE DIFFERENTIATION OF COLD NODULES FOUND IN THE THYROID
TITLE2 : SCAN
TITLE3 :

RECDELETED: N RECNUMBER : 32

RECVERIFIE: N

Record number 33

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : INCREASING TECHNETIUM-99M SULFUR COLLOID UPTAKE IN BONE MARROW
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 33

RECVERIFIE: N

Record number 34

HSC : 72000 HURO :

SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : TECHNETIUM-99M POLYPHOSPHATE FOR BONE IMAGING
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 34 RECVERIFIE: N

Record number 35

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : TECHNETIUM-99M POLYPHOSPHATE COMPLEXES AS POTENTIAL ORGAN IMAGING AND TUMOR LOC
TITLE2 : ALIZING AGENTS
TITLE3 :
RECDELETED: N RECNUMBER : 35 RECVERIFIE: N

Record number 36

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : PRODUCTION OF IODINE 123
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 36 RECVERIFIE: N

Record number 37

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : STUDY OF THE USE OF GALLIUM-67 CITRATE IN THE STAGING OF HODGKIN'S DISEASE
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 37 RECVERIFIE: N

Record number 38

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : OG YR : 72
TITLE1 : CALGB #7291 - INTERGROUP RHABDOMYOSARCOMA STUDY: ROLE OF POST OPERATIVE RADIOT
TITLE2 : HERAPY AND COMBINATIONS OF DACTINOMYCIN, VINCRISTINE, CYCLOPHOSPHAMIDE, AND ADR
TITLE3 : IAMYCIN IN CHILDHOOD RHABDOMYOSARCOMA
RECDELETED: N RECNUMBER : 38 RECVERIFIE: N

Record number 39

HSC : 72000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : OG YR : 72
TITLE1 : CALGB 7299 - INTERGROUP EWING'S SARCOMA STUDY. CLINICAL TRIAL OF RADIOTHERAPY
TITLE2 : AND CHEMOTHERAPY IN MANAGING NONMETASTATIC EWING'S SARCOMA
TITLE3 :

RECDELETED: N RECNUMBER : 39 RECVERIFIE: N

Record number 40

HSC : 72000 HURO :
SITE : BAMC CSP : Y SE :
RT : RT OG : YR : 72
TITLE1 : CONSERVATIVE SURGERY FOLLOWING PREOPERATIVE RADIOTHERAPY OF LUNG CANCER
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 40 RECVERIFIE: N

Record number 41

HSC : 72000 HURO :
SITE : BAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : EVALUATION OF GALLIUM-67 AS A SCANNING AGENT FOR MALIGNANT NEOPLASMS
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 41 RECVERIFIE: N

Record number 42

HSC : 72000 HURO :
SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : FLUORINE 18 ON THE DIAGNOSIS OF BONE DISEASE
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 42 RECVERIFIE: N

Record number 43

HSC : 72000 HURO :
SITE : BAMC CSP : Y SE :
RT : RT OG : YR : 72
TITLE1 : SEMINOMA OF THE TESTICLE: PROPHYLACTIC MEDIASTINUM IRRADIATION VS PERIAORTIC
TITLE2 : AND PELVIC IRRADIATION ALONE
TITLE3 :
RECDELETED: N RECNUMBER : 43 RECVERIFIE: N

Record number 44

HSC : 72000 HURO :
SITE : BAMC CSP : Y SE :
RT : RT OG : OG YR : 72
TITLE1 : SWOG - PHASE I PROTOCOL FOR THE EVALUATION OF COMBINED RADIOTHERAPY AND CH
TITLE2 : EMOTHERAPY FOR STAGE IIB, IIIA, AND IIIB HODGKIN'S DISEASE
TITLE3 :
RECDELETED: N RECNUMBER : 44 RECVERIFIE: N

Record number 45

HSC : 72000 HURO :

SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : WRAMC #7108 - STUDY OF THE USE OF GALLIUM 67 CITRATE TO LOCALIZE LYMPHOMAS
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 45 RECVERIFIE: N

Record number 46

HSC : 72000 HURO : A0374
SITE : WRAMC CSP : Y SE :
RT : RT OG : OG YR : 72
TITLE1 : CALGB 7291- CLINICAL EVALUATION OF POST-OPERATIVE RADIOTHERAPY AND DRUG
TITLE2 : COMBINATION IN THE TREATMENT OF CHILDHOOD RHABDOMYOSARCOMA.
TITLE3 :
RECDELETED: N RECNUMBER : 46 RECVERIFIE: N

Record number 47

HSC : 72000 HURO : A1839
SITE : MAMC CSP : Y SE :
RT : RT OG : OG YR : 72
TITLE1 : SWOG 7299 - CLINICAL TRIAL OF RADIOTHERAPY AND CHEMOTHERAPY (CYCLOPHOSPHAMIDE,
TITLE2 : VINCRISTINE, AND ACTO-DACTINOMYCIN) IN MANAGING NON-METASTATIC EWING'S
TITLE3 : SARCOMA.
RECDELETED: N RECNUMBER : 47 RECVERIFIE: N

Record number 48

HSC : 72000 HURO : AC498
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : CLINICAL USE OF TECHNETIUM-99MPOLYPHOSPHATE.
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 48 RECVERIFIE: N

Record number 49

HSC : 72000 HURO : AC571
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 72
TITLE1 : TECHNETIUM 99 STANNOUS POLYPHOSPHATE IN THE DIAGNOSIS OF BONE DISEASE IN
TITLE2 : PATIENTS.
TITLE3 :
RECDELETED: N RECNUMBER : 49 RECVERIFIE: N

Record number 50

HSC : 73000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : STUDY OF 99MTC SULFIDE COLLOID AS AN AGENT FOR RADIOISOTOPE LYMPHOGRAPHY
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 50 RECVERIFIE: N

Record number 51

HSC : 73000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : COMPARISON OF THE USE OF RADIOACTIVE PHOSPHORUS AND RADIO-IODINATED CHLOROQUINE
TITLE2 : IN THE DIAGNOSIS OF MELANOMA TUMORS OF THE EYE
TITLE3 :

RECDELETED: N RECNUMBER : 51 RECVERIFIE: N

Record number 52

HSC : 73000 HURO :
SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : 99M-TC POLYPHOSPHATE IN THE DIAGNOSIS OF BONE DISEASE IN PATIENTS
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 52 RECVERIFIE: N

Record number 53

HSC : 73000 HURO :
SITE : WRAMC CSP : Y SE :
RT : RT OG : OG YR : 73
TITLE1 : CALGB 7283 - TREATMENT OF SMALL CELL CARCINOMA OF LUNG: COMBINATION CHEMOTHERAP
TITLE2 : Y+RADIATION VS SINGLE AGENT CHEMOTHERAPY+RADIATION WITH AND W/O PROPHYLACTIC WH
TITLE3 : OLE BRAIN RADIATION. COMPARISON OF CYCLOPHOS+VINCRIST+METHOTREX VS CYCLOPHOSPH

RECDELETED: N RECNUMBER : 53 RECVERIFIE: N

Record number 54

HSC : 73000 HURO :
SITE : WRAMC CSP : Y SE :
RT : OG : YR : 73
TITLE1 : CLINICAL EVALUATION OF FLUORESCENCE SCANNING OF THE THYROID WITH AN AMERICIUM 2
TITLE2 : 41 SOURCE (EXTERNAL SOURCE)
TITLE3 :

RECDELETED: N RECNUMBER : 54 RECVERIFIE: N

Record number 55

HSC : 73000 HURO :
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : GALLIUM 67 CITRATE IN THE STAGING OF CARCINOMA OF THE CERVIX
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 55 RECVERIFIE: N

Record number 56

HSC : 73000 HURO :

SITE : FAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : SCINTIGRAPHIC EVALUATION OF THYROID DISORDERS - CLINICAL EVALUATION OF ORAL
TITLE2 : 123-I SODIUM IODIDE
TITLE3 :
RECDELETED: N RECNUMBER : 56 RECVERIFIE: N

Record number 57

HSC : 73000 HURO : A0404
SITE : BAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : CLINICAL EVALUATION OF CISTERNOGRAPHY UTILIZING 111 INDIUM DTPA.
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 57 RECVERIFIE: N

Record number 58

HSC : 73000 HURO : AB130
SITE : LAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : CLINICAL EVALUATION OF CISTERNOGRAPHY, UTILIZING INDIUM-111 DTPA.
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 58 RECVERIFIE: N

Record number 59

HSC : 73000 HURO : AB150
SITE : WRAMC CSP : Y SE :
RT : RT OG : OG YR : 73
TITLE1 : CALGB 7391- CLINICAL TRIAL OF RADIOTHERAPY AND CHEMOTHERAPY (CYCLOPHOSPHAMIDE,
TITLE2 : VINCRISTINE, AND ACTINOMYCIN-D) IN MANAGING NON-METASTATIC EWING'S SARCOMA.
TITLE3 :
RECDELETED: N RECNUMBER : 59 RECVERIFIE: N

Record number 60

HSC : 73000 HURO : AC262
SITE : TAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : THE USE OF GALLIUM-67 CITRATE FOR TUMOR SCANNING.
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 60 RECVERIFIE: N

Record number 61

HSC : 73000 HURO : AC271
SITE : LAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : CLINICAL EVALUATION OF 123I SODIUM IODIDE
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 61 RECVERIFIE: N

Record number 62

HSC : 73000 HURO : AC343
SITE : BAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : THE USE OF FLOURINE-18 AS A BONE SCANNING AGENT IN A VARIETY OF BONE DISEASES.
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 62 RECVERIFIE: N

Record number 63

HSC : 73000 HURO : AC452
SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : USE OF TECHNETIUM 99M POLYPHOSPHATE IN THE DIAGNOSIS OF BONE DISEASE.
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 63 RECVERIFIE: N

Record number 64

HSC : 73000 HURO : AC520
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : INVESTIGATIONAL NEW DRUG INDIUM-111 CHLORIDE FOR INTRAVENOUS INJECTION
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 64 RECVERIFIE: N

Record number 65

HSC : 73000 HURO : AC570
SITE : WRAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : GALLIUM-67 NITRATE IN DIAGNOSIS OF SOFT TISSUE TUMORS.
TITLE2 :
TITLE3 :

RECDELETED: N RECNUMBER : 65 RECVERIFIE: N

Record number 66

HSC : 73000 HURO : AC686
SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : TECHNETIUM 99M STANOUS POLYPHOSPHATE IN THE DIAGNOSIS OF BONE DISEASE IN
TITLE2 : PATIENTS
TITLE3 :

RECDELETED: N RECNUMBER : 66 RECOVERIFIE: N

Record number 67

HSC : 73000 HURO : AC687

SITE : WBAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : GALLIUM-67 CITRATE IN DIAGNOSIS OF SOFT TISSUE TUMORS
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 67 RECVERIFY: N

Record number 68

HSC : 73000 HURO : AC690
SITE : TAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : USE OF GALLIUM-67 CITRATE FOR TUMOR SCANNING
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 68 RECVERIFY: N

Record number 69

HSC : 73000 HURO : AC693
SITE : BAMC CSP : Y SE : SE
RT : OG : YR : 73
TITLE1 : CLINICAL EVALUATION OF CISTERNOGRAPHY UTILIZING INDIUM-111 DTPA
TITLE2 :
TITLE3 :
RECDELETED: N RECNUMBER : 69 RECVERIFY: N