

PATIENT 03-109 DECEASED	BORN 01-27-04	03-109-01 03-109-02 03-109-02A 03-109-02B 03-109-02C 03-109-05
FEMALE		
OTHER PERTINENT NOS.	CASE I	03-109-05A
DECEASED 09-29-57 DEATH CERT. NO.	AUTOPSY YES	03-109-06 03-109-07
INTERMENT CREMATED, ACACIA PARK, NCRWOOD PARK, ILL.		03-109-08
CAUSES OF DEATH	MALIGNANT NEOPLASM OF BLADDER WITH METASTASES TO LUNG	03-109-09 03-109-09A
SCURCE OF CASE	ELGIN 05	03-109-10
LITERATURE CITATION		03-109-11
SCHLUNDT, ET AL, AM.J.ROENT. 30,515 (OCT. 1933). CASE I.		03-109-11A
NGRRIS, ET AL, AM.J.ROENT. 73,785 (MAY 1955). CASE I.		03-109-11B
LCONEY, ET AL, AM.J.ROENT. 73,1006 (JUNE 1955). CASE I.		03-109-11C
ROWLAND, ET AL, RADIATION RESEARCH 10,323 (1959).		03-109-11D
ROWLAND, ET AL, RADIATION RESEARCH 11,299 (1959).		03-109-11E
ROWLAND, (IN) RADIOISOTOPES IN THE BIOSPHERE, P. 339, U OF MINN., MINNEAPOLIS (1960).		03-109-11F 03-109-11G
MILLER AND FINKEL, ANL-7217 (1965) PP. 7-90. CASE 03-109.		03-109-11H
MILLER AND FINKEL, AM.J.ROENT. 103,871 (AUG. 1968). CASE 03-109.		03-109-11I
EXPOSURE	THERAPEUTIC--INJECTION 05	03-109-12
SCURCE AND HOSPITAL RECORD		03-109-14
ADMITTED ELGIN STATE HOSPITAL 11-15-30. RECEIVED RADIUM CHLORIDE INTRAVENOUSLY, TOTAL 18C UCI, BETWEEN MARCH AND JULY 1931.		03-109-14A 03-109-14B
AGE 27 AT INJECTION. HOSPITAL RECORD--		03-109-14C
05-29-31 SUMMARY SHE RECEIVED 10 TREATMENTS OF RADIUM CHLORIDE AND 10 MICROGRAMS.		03-109-14D 03-109-14E
04-16-56 WE ARE AWARE THAT THIS PATIENT HAS RECEIVED RADIUM CHLORIDE.		03-109-14F 03-109-14G
07-01-57 THIS PATIENT HAS BEEN ON RADIUM CHLORIDE A LONG TIME AGO.		03-109-14H 03-109-14I
FAMILY HISTORY		03-109-15
NEVER MARRIED		03-109-15A
MEDICAL HISTORY		03-109-20
DIAGNOSED DEMENTIA PRAECOX, HEBEPHRENIC TYPE AT ELGIN STATE HOSPITAL. IN 1932 DEVELOPED RIGHT LOBAR PNEUMONIA WITH EMPYEMA, NECESSITATING SURGICAL DRAINAGE OF CHEST. PATIENT WORKED IN OFFICE FOR FEW YEARS BUT DETERIORATED MENTALLY AND SINCE 1941 HAS BEEN INACTIVE. TEETH REMAINED IN GOOD REPAIR. ON 01-21-51 REPORT IN CHART STATES THAT A FEW CARRIES WERE PRESENT. PHYSICAL EXAM DCNE 05-11-51--NEGATIVE. IN 1957 CARCINOMA OF THE BLADDER DEVEL- OPED WITH PULMONARY METASTASES, DECEASED 09-29-57. AUTOPSY DONE.		03-109-20A 03-109-20B 03-109-20C 03-109-20D 03-109-20E 03-109-20F 03-109-20G 03-109-20H

CALCULATED TOTAL-BODY RADIUM						03-109-27
12-31	0.80 UCI	5.90 UCI	6.70 UCI TOTAL	SCHLUNDT A		03-109-27A
06-32	0.09 UCI	1.80 UCI	1.90 UCI TOTAL	SCHLUNDT A		03-109-27B
05-51	0.20 UCI	0.58 UCI	0.78 UCI TOTAL	NORRIS B		03-109-27C
07-53	0.20 UCI	0.43 UCI	0.63 UCI TOTAL	NORRIS B		03-109-27D

X-RAY EXAMINATION						03-109-30
PARTIAL SKELETAL SURVEY						03-109-30A
05-17-51	ELGIN STATE HOSP.		LOC. ACRH			03-109-30B
MINIMAL CHANGES TYPICAL OF RADIUM DEPOSITION.					SCORE 2.5	03-109-30C
PPF FEW AREAS OF BONE RESORPTION IN SHAFT OF RIGHT ULNA AND						03-109-30D
RADIUS WITH COARSENING OF TRABECULAR PATTERN OF TIBIAE AND						03-109-30E
FIBULAE. SCLEROSIS AT SITE OF THE OLD DISTAL EPIPHYSEAL LINE OF						03-109-30F
BOTH TIBIAE.						03-109-30G

PARTIAL SKELETAL SURVEY						03-109-31A
08-25-53	ELGIN STATE HOSP.		LOC. ACRH			03-109-31B
MINIMAL CHANGES TYPICAL OF RADIUM DEPOSITION.					SCORE 3	03-109-31C
PPF NO CHANGE SINCE PREVIOUS EXAMINATION.						03-109-31D

PARTIAL SKELETAL SURVEY						03-109-32A
10-31-55	ELGIN STATE HOSP.		LOC. ACRH			03-109-32B
MINIMAL CHANGES TYPICAL OF RADIUM DEPOSITION.					SCORE 9	03-109-32C
PPF SIGNIFICANT INCREASE IN NUMBER AND SEVERITY OF LESIONS AT						03-109-32D
SITES PREVIOUSLY DESCRIBED.						03-109-32E

CLINICAL LABORATORY FINDINGS						03-109-40
01-27-31	HG 65	HTC	RBC 3.84			03-109-40A
WBC 10,800 DIFF. P 67 ST 0 L 29 M 3 E 1 B 0						03-109-40B
11-13-33	HG	HTC	RBC 4.0			03-109-41A
WBC 6,800 DIFF. P 65 ST 0 L 28 M 3 E 4 B 0						03-109-41B

SPECIMENS AVAILABLE					LOC. RPY, BIM	03-109-50
FEMUR					5 GMS	03-109-50A
RIB					5	03-109-50B
TUMCR					55	03-109-50C
VERTEBRA					60	03-109-50D
BONE SECTIONS						03-109-50E
TOOTH					PPG, BIM	03-109-50F

RADIOCHEMICAL ANALYSIS						03-109-51
FEMUR, JOINT					HFL	03-109-51A
02-58	5.58 G ASH	7390 UUG/G ASH	RA-226	0.016 UUCI/G ASH	TH-228	03-109-51B
RIB						03-109-51C
09-58	1.80 G ASH	242 UUG/G ASH	RA-226	0.006 UUCI/G ASH	TH-228	03-109-51D
TIBIA						03-109-51E
12-59	0.36 G ASH	870 UUG/G ASH	RA-226			03-109-51F
FEMUR, SHAFT					RH	03-109-52A
811 PCI/G ASH RA-226					214 PCI/G ASH PB-210	03-109-52B

AUTORADIOGRAPHIC STUDIES				03-109-53
10-61	TIBIA		RER	03-109-53A
	MAXIMUM HOT SPOT	13.	PCI RA-226/MG BONE	03-109-53B
	AVERAGE DIFFUSE LEVEL	C.06	PCI RA-226/MG BONE	03-109-53C
	CALCULATED UNIFORM LABEL	C.15	PCI RA-226/MG BONE	03-109-53D
	HOT SPOT TO DIFFUSE RATIO	218.		03-109-53E
	DIFFUSE TO UNIFORM LABEL	C.40		03-109-53F
MALIGNANT TUMOR	NEOPLASM OF BLADDER WITH METASTASES TO LUNG			03-109-60
000 -X22	SCHIZOPHRENIC REACTION, HEBEPHRENIC TYPE			03-109-67
360 -100	PNEUMONIA, LOBAR			03-109-67A
370 -100	EMPYEMA			03-109-67B
730 -8191	CARCINOMA, NOT OTHERWISE SPECIFIED, OF URINARY BLADDER			03-109-67C
DATA REVISED	11-04-68			03-109-99