

Sample Entries for MFUA “Cohort Catalog”

Cohort 290: Korean Hemorrhagic Fever

Summary: A cohort of 1554 veterans who survived an acute episode of Korean Hemorrhagic Fever (KHF), the prototype hantavirus infection, acquired while serving with the Army in Korea in 1950- 1952, suitable for natural history study of long term sequelae of infection. A control population, cohort 291, consisting of 831 individuals was selected from comparable military units in which no case of KHF occurred because of concern at that time about asymptomatic infections.

References: 1. Rubini ME, Jablon S, and McDowell ME. Renal residuals of acute epidemic hemorrhagic fever. Arch Int Med 1960; 106: 378-87.

2. Glass GE, Watson AJ, LeDuc JW, et al. Infection with a ratborne hantavirus in US residents is consistently associated with hypertensive renal disease. J infect Dis 1993; **167: 614-20**

Fields:

Name (100% complete)
Service # (99% complete, 1% missing)
Sex (100% Male, 0% Female, 0% Unknown, 2% Missing)
Race (91% White, 3% Black, 470 Other, 0% Unknown, 2% Missing)
Age (86% complete, 1470 missing) •
Rank (98% complete, 2% missing)
Unit (100% complete)

Keywords: Korean Hemorrhagic Fever, KHF, Epidemic Hemorrhagic Fever, Hemorrhagic Fever with Renal Syndrome, Nephropathia Epidemica, Hemorrhagic Nephrosonephritis, Hantavirus, Korea, Korean veterans, Korean Conflict

Cohort 291: Korean Hemorrhagic Fever Study Controls

Summary: A cohort of **831** individuals selected from combat units serving in the Korean theater in 1950- 1952 in which no case of KHF occurred. Used as control population for study referenced (1) below.

References: **1.** Rubini ME, Jablon S, and McDowell ME. Renal residuals of acute epidemic hemorrhagic fever. Arch Int Med 1960; 106: 378-87.

2. Glass GE, Watson AJ, LeDuc JW, et al. Infection with a ratborne hantavirus in US residents is consistently associated with hypertensive renal disease. J infect Dis 1993; 167: 614-20

Fields:

Name (100% complete)

Service Number (99% complete, 1% missing)

Sex (100% Male, 0% Female, 0% Unknown, 0% Missing)

Race (100% White, 0% Black, 0% Other, 0% Unknown, 0% Missing)

Age (**89%** complete, 11% missing)

Rank (**98%** complete, 2% missing)

Unit (100% complete)

Keywords: Korean Hemorrhagic Fever, KHF, Epidemic Hemorrhagic Fever, Hemorrhagic Fever with Renal Syndrome, Nephropathia Epidemica, Hemorrhagic Nephrosonephritis, Hantavirus, controls, Korea.

Cohort 621: Navy Aircraft Electronics Technicians and Aircraft Electricians Mates

summary: A cohort of 5,404 Navy veterans who served on bored carrier vessels during the 1950-1954 period and were part of a larger cohort (see cohort 622) occupationally exposed to microwave radiation.

References: Robinette CD, Silverman C, Jablon S. Effects upon health of occupational exposure to microwave radiation (radar). *Am J Epidemiol* 1980; 112:39-53

Fields:

Name (100% complete)

Service # (99% complete, 1% missing)

Sex (100% Male, 0% Female, 0% Unknown, 2% Missing)

Race (80% White, 3% Black, 9% Other, 6% Unknown, 2% Missing)

Age (98% complete, 270 missing)

Rank (99% complete, 1% missing)

Military Occupational Specialty (100% complete)

Unit (100% complete)

Exposure level estimate (100% complete)

Keywords: Microwave, Radar, Radiation, Non-ionizing Radiation, Navy, Ships, Carriers, Electronics, Korea, Korean veterans, Korean Conflict

Cohort 622: Navy Electronic Technicians Radar operators, etc.

Summary: A cohort of 37,348 Navy veterans who served on board carrier vessels during the 1950-1954 period and were part of a larger Cohort (see cohort 621) occupationally exposed to microwave radiation.

References: Robinette CD, Silverman C, Jablon S. Effects upon health of occupational exposure to microwave radiation (radar). *Am J Epidemiol* 1980; 112:39-53

Fields:

Name (100% complete)

Service # (99% complete, 1% missing)

Sex (100% Male, 0% Female, 0% Unknown, 2% Missing)

Race (80% White, 3% Black, 9% Other, 6% Unknown, 2% Missing)

Age (98% complete, 2% missing)

Rank (99% complete, 1 % missing)

Military Occupational Specialty (1000/0 complete)

Unit (100% complete)

Exposure level estimate (100% complete)

Keywords: Microwave, Radar, Radiation, Non-ionizing Radiation, Navy, Ships, Carriers, Electronics, Korea, Korean veterans, Korean Conflict

Influenza	101, 127, 128, 129,423
Kala Azar	484
Kawasaki Syndrome	567
KIA/MIA	453
Knee Injuries	037,645,657
Knee, menisectomies	037
Korea	112,290,291,423,542, 621,622
Korean Conflict	112,290,291,423, 542,621,622
Korean Hemorrhagic Fever	290,291
Korean Veterans	112,290,291,423, 542,621,622
Meningococcal Disease	504
Menisectomies	037
Microwave radiation (radar)	621,622
Multiple Sclerosis	282,288,324,328-351