

PATHOLOGICAL FINDINGS ON LATE MR.

Reporter: S. Ohashi, M. D.
Tokyo First National Hospital
Director of the Pathological Department.

402716

Dr. S. Ohashi reported the following findings as "an immediate report" at Japan Atomic Bomb Casualty Committee on the 16th Nov. 1954.

P

1. Clinical Course.

Mr. . 40 year old, worked in Fukuriumaru as Director of Wireless Operator. 1/3/54, attacked by Bikini-Ash in his ship.

14/3/54 - arrived at Yaizu Port in Shizuoka Prefecture.

28/3/54 - admitted to its Tokyo First National Hospital. At that time his liver was palpable without jaundice, and he had an radiation dermatitis.

Middle/4 - Leucocyte count 1900.

BEST COPY AVAILABLE

End/4 " " 3000.

End/4 - 7/5: high fever up to max. 39.3°C.

Beginning/4 - Middle/4:

Leucocyte count 5000 - 6000

Cell Count of Bone Marrow 9000

Red cell count 3000,000

Blood platelet count 30,000 - 40,000

20/6 - B.S.P. (30 minutes) 50%.

24/6 - Jaundice came out.

NON-CCRP

sent to US DOE ARCHIVES

STATUS VERIFIED UNCL

BY Car Lee DATE 4/15/81

US DOE ARCHIVES 326 US ATOMIC ENERGY COMMISSION
Collection <u>DBM</u>
<u>376-28-3</u> Box-3
<u>MRA Radiation Exposures</u> <u>Jap Fishing Trade 1955</u>

End/6 - Beginning/7 - Jaundice index 60.

11/8 B.S.P. (30 minutes) 20%

General Condition became better.

31/8 - Became comatose and jaundice became worse.

2/9 - Jaundice index 226

3/9 - Consciousness became clear

17/0 - He showed the signs of pneumonia, even in X-ray finding and heart weakness became stronger. Leukenoid reaction was seen.

23/9 - Died (about 207 days after his injury).

Up to its beginning 16/54: Blood transfusion - 11 times
(1 time about 200 cc).

Dry plasma - 51 times
(1 time 100 cc)

2. Pathological Findings

- a. Moderately nourished man with strong jaundice.
(Body length 157 cm. Weight 52 v.g.)
- b. Aplastic, but in part recovering bone marrows.
- c. Pigmented or depigmented dermatitis caused by Bikini-Ash at nape, neck and feet, accompanied with depilation of posterior inferior part of his head.
- d. Strong atrophy of the tubules of his testis, marked condition of swelling out of their basement membranes, and disturbance of their spermiogenesis.
- e. Slight errhotic liver with the infiltration of the inflammatory cells. (liver weight, 860g.)
- f. Atrophic, but congested spleen. (90g.)
- g. Choloric nephrosis. (left 220. right 180g.)
- h. Atrophic mucous membranes of the stomach and intestines, scattered with acute inflammation.
- i. Pneumonia of left lung and right upper lobe, caused by the mixed infection of aspergillus fumigatus.

- j. Pleuritis fibrosa particles duplex (left 14cc. right 17cc. plural exudate) and ascites (2.6 l.)
- k. Slightly enlarged and fibrotic pancreas with several small fatty necrotic foci. (pancreas weight 120g.)
- l. Edematous brain with yellowish brain membranes. (Brain weight 1430g.)
- m. General atrophy of the lymph nodes.
- n. Edema of the dorsum of feet.