

hand. In skin over 3rd right rib about nipple line is a nodule 2.5 cm. in diameter, with raised, rolled-edges and a small ulcerated centre, very firm, and on section extending to the fascia over the rib, having smooth, dull white surface. There is a firm flattened mass over the right supra-clavicular triangle, extending behind over the border of the trapezius, in front to the second interspace, inwardly to the base of the neck and outwardly to the acromion; in the centre of this is an irregular ulcer with firm, rolled-in edges and a dirty uneven base, about 7 x 4 cm. at its greatest diameter, and having radial furrows running out from the edges. The whole is firmly fixed to underlying structures. The scar of a previous amputation of left breast is present, and there is a thickened fold on skin on anterior border of right axilla. There is a small recent decubitus ulcer over right side of sacrum.

The right humerus shows deformity about its lower third, some anterior bowing, with enlargement of the shaft. On longitudinal section of the bone a fracture is found to have existed at this point; there is a large mass of tissue about which has formed fair union, portions of it are greyish-white in color, soft, looking rather like new growth. There is another small area in the shaft about 6 cm. below the head, which is greyish-white in color, soft, trabeculated, looking also like new growth.

There is marked deformity of the right femur at the junction of the upper and middle thirds with about three inches of shortening of leg. The upper portion, including head, trochanters, and upper third femur, is abducted, externally rotated and everted, while the lower portion of shaft meets it forming a very obtuse angle. Exposure of this shows a previous fracture, with considerable callus and moderately firm union.

Peritoneal Cavity: Very little subcutaneous fat; muscles small, soft, pale in color. Peritoneum smooth and glistening; the great omentum is adherent to both tubes. Mesenteric lymph nodes not enlarged; appendix 6 cm., free, normal in appearance. Diaphragm, left 5th space, right 5th rib.

Pleural Cavity: The right lung is compressed into upper anterior third cavity, the remainder being filled by œdematous, gelatinous, yellow fibrin, and 1,400 cc. of dirty, greenish-yellow fluid. The left lung is also compressed into upper half of its cavity, covered with œdematous, greenish-yellow fibrin, and cavity contains 500 cc. of dirty, greenish-yellow fluid. The parietal pleura of right side is injected and covered with tags of fibrin, the left is roughened and very deeply injected.

On the 4th, 5th and 6th ribs, about the anterior axillary line, are rounded, smooth nodules. Section through these show them to be soft, dull grey in color, spongy, looking like new growth.

Organs of Neck: The lobes and isthmus of thyroid are enlarged, and feel very firm, impossible to section them owing to dense, calcareous deposits throughout.

Spinal Cord: Negative, no metastases found in vertebræ.

ANATOMICAL DIAGNOSIS.

Carcinoma of tissues about and in right supra-clavicular triangle with ulceration.