

anlage in the earliest stage of the limb skeleton as the distal end of the condensed scleroblastemal core.

In view of the facts already expounded it seems to me that this latter view is not likely to be correct. The ulnar nerve ought to have a digital cutaneous distribution if the ulnar fingers of the hand are represented in this common finger, but the ulnar does not pass out on the digit, thus supplying one argument against this hypothesis.

The presence of one digit at the elbow joint on the right arm postulates the separation of one digital rudiment from the common mass. If it separated then clearly the tendency to division of the skeleton of the hand into rays was present and it is just as tenable to suppose that the five-rayed condition of the hand was provided for, but growth suppressed in four, as it is to suppose all five rays of one hand and four in the other to be included in a common mass.

The fingers here present, both in the hand and at the elbow, as will be seen from the table of measurements, are normal in size for a single digit. The development of an undivided common digital mass might be expected to produce a condition of macrodactyly, which is not found here. Considering all the facts, the view that the digit as found on the hand here represents only one of the five of the normal hand seems to be the correct view in this case.

What carpals are present is not capable of definite answer. There are only two present, a proximal one articulating with the radius and bearing beyond it a distal one which carries the digit. These two in their shape as previously described resemble the navicular and lesser multangular more than any of the other carpals. Their absolute identification, however, as these two, is hardly to be warranted from these facts alone. If it be true that these are the two carpals present it adds another proof for the digit being the index finger as these two particular carpals are in the direct line of the radius and the second digit.

In the mechanism of the production of the deformity in the limb several different conditions have to be considered. First, in the early limb bud the ulnar segments may not have been