

兩側非典型鏡像多指症以拇指整復術重建

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Bilateral Atypical mirror hand reconstruction by pollicization

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Abstract:

A 15-year-old had bilateral upper limbs polydactyly since she was born . Besides , she also had Imperforate anus s/p colostomy on 2000 . The patient had pollicization surgery to correct the right hand polydactyly in 2004 . This year , the patient visit our hospital for left hand polydactyly . So, we performed the left hand pollicization for the patient .

There are a variety of factors that affect outcome .The principal factor is the preoperative status of the index digit and the presence or absence of adequate muscles and tendon units . A mobile index finger with robust extrinsic and intrinsic muscle-tendon units will make an excellent thumb that participates in grasp and mobility for pinch . In our case , the patient had well function of the grasp and pinch .

Pollicization is an amazing operation that combines surgical skill with brain plasticity . The concept is to substitute a functioning finger for a deficient thumb. The deficient thumb is defined as one without ample function to contribute to prehension and grasp.

Pollicization is a relatively uncommon procedure that requires considerably repetition to gain adequate experience to the circumvent variations in anatomy.