

CASE STUDY. FITTING A UNIQUE PEDIATRIC CONGENITAL BILATERAL ELBOW DISARTICULATION

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ABSTRACT

As clinicians we are presented with challenging and unusual cases on a regular basis.

Sometimes we draw from our experience in fitting similar cases, sometimes the case is so unique and individual that we have never experienced anything like it before, and our support network of experienced specialists have never seen before either.

I was introduced to a 5 year old overseas patient presenting with congenital bilateral elbow disarticulation, with a single long digit growth at around the level of 70% humeral length.

Surgery to provide ROM of this digit had been performed allowing a few degrees on the right side, and around 30 degrees on the left. He had been receiving excellent Occupational Therapy to increase ROM and function. I worked with his therapist to formulate a working prescription.

This presentation will outline the thought process, methodology, casting, fitting, manufacture, delivery, and follow up post delivery.

Success with prosthetic treatment at a young age is dependent on many factors, however sometimes options are limited, and will address the options of follow up care as he returns to his country.