Pediatric Prosthetics

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Objective

Adjustable Child Prosthesis

Photos of an adjustable child prosthetic leg and a photo of a child with a prosthetic leg needing refitting have been removed due to copyright restrictions.
Requirements

- Easy to Use
- Adjustable
- Durable
- ~ 3 Years
- Compatible
Restrictions

- Weight
- Aesthetic Cover
- Materials
- Cost

Photo of various metal materials removed due to copyright restrictions.
Mechanisms

1) Rotation Lock
Mechanisms

2) Binder - Clamping
Mechanisms

3) Crutch Leg
Mechanisms

4) Saw-tooth Mechanism
Pyramids & Legos

- Cost
- Weight
- Availability
- Material

Photo of lego pirate with peg leg removed due to copyright restrictions.
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