



**Steeper**  
Paediatric Prosthetic Solutions

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Creating life's turning points, together

## Children's Activity and Sports Prostheses

### NHS funding available

With funding via the NHS for paediatric sports and activity limbs, the policy means that many children can benefit from activity specific limbs that can assist with their development and allow them to partake in new activities more comfortably and confidently.

The Department of Health regulates the NHS provision of paediatric prostheses and this decision forms part of a larger budget allocation of £1.75m for prosthetics research and includes a £750k provision for new sports prosthetics for child amputees on the NHS. As such, these sport and activity limbs will now be funded through the NHS and will be available through Rehabilitation Service Centres to amputees who meet the criteria.

Over recent years, the funding for paediatric sports and activity limbs has enabled many children and young people to explore sports. Activities like running, football and cycling which would have previously meant them using a standard prosthetic foot, which is not always suitable for multi-terrain use. Not only has it allowed children and young people to explore sport but it has also helped to assist them in their daily lives; from playing with friends to joining in with PE at school. With the aid of the latest prosthetic technology, these small daily activities will help to empower these young individuals and improve their quality of life.

For more information, please visit [www.steepergroup.com](http://www.steepergroup.com)



# Truper®

The durable Truper was designed to combine stability and dynamic response to take on the toughest of childhood challenges. In use, the foot stores and releases energy for a smooth and controlled transition from standing still to running, whilst its inversion/eversion and superior transverse rotation provides exceptional ground compliance; improving performance and stability, whether walking or running.

The foot is available in two size ranges, which allows the foot size to be increased simply by purchasing the next size foot shell and sole plate, providing a cost-effective and flexible solution for the growing child.



## Features and Benefits



Dynamic response

Inversion/eversion



Transverse rotation



Stride Control™ Adjuster using the 4mm Hex Key

## Cosmetics



Sandal toe



Heel lock



Sealing boot interlocks with the foot shell, keeping debris out.

## Growth Range

The Truper offers two growth ranges, 16-18cm and 19-21cm, and additional exoskeletal growth plates adding 2cm in height.

## Product Specification

| Weight Limit | Weight         | Sizes (cm) | Build Height | Warranty                        |
|--------------|----------------|------------|--------------|---------------------------------|
| 45kg         | 215g (size 16) | 16-18      | 5.3cm        | 1 year<br>Foot shell - 6 months |
| 60kg         | 314g (size 21) | 19-21      | 6.1cm        | 1 year<br>Foot shell - 6 months |

## Ordering Information

There is 30 day trial period on this foot.  
Truper Foot includes a foot shell, CPI Sock and Sealing Boot.

| Ordering Example - NTP-LCEN-18-G2 |              |               |           |      |                   |
|-----------------------------------|--------------|---------------|-----------|------|-------------------|
| Part Number                       | Left / Right | Shell Colour* | Mounting† | Size | Firmness Category |
| NTP                               | L            | C             | EN        | 18   | G2                |

| Firmness Category Selection |       |       |       |       |
|-----------------------------|-------|-------|-------|-------|
| Weight (kg)                 | 0-22  | 23-33 | 34-45 | 46-60 |
| Size (cm)                   | 16-21 |       | 19-21 |       |
| Low Impact                  | 1     | 2     | 3     | 3     |

\*C = Caucasian, T = Tan, B = Brown  
†ALX = Exo, EN = Endo

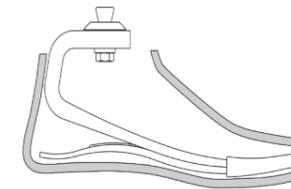
# Defender Paediatric

The Defender is a specifically designed foot to endure the physical demands of the young prosthesis user. The carbon fibre lay-ups are optimised to provide flexibility in a design that is robust and virtually maintenance-free so that users can feel confident over a range of high impact activities.

## Features and Benefits



Water resistant (Designed to be water resistant, safe for contact with water and submersion)



Virtually maintenance-free design



Patented technology and eliminated bolt holes in flex areas result in optimal strength and performance



Provides the user with the ability to seamlessly transition from the paediatric Defender foot to an adult Highlander foot

## Product Specification

| Build Height and Weight |              |                 |
|-------------------------|--------------|-----------------|
| Size (cm)               | Build Height | Foot inc. Shell |
| 19-21                   | 7.6cm        | 225g            |

| Weight Limit | Sizes (cm) | Warranty                           |
|--------------|------------|------------------------------------|
| 45kg         | 19-21      | 18 months<br>Foot shell - 6 months |

## Cosmetics



Mid profile foot shell

## Ordering Information

There is no trial period on this foot.

| Ordering Example - NFS34P19-L |          |      |              |
|-------------------------------|----------|------|--------------|
| Part Number                   | Category | Size | Left / Right |
| NFS3                          | 4P       | 19   | L            |

Includes foot shell and Spectra® Sock

| Category Selection |          |
|--------------------|----------|
| Weight (kg)        | Category |
| 9-13               | 1P       |
| 14-18              | 2P       |
| 19-22              | 3P       |
| 23-27              | 4P       |
| 28-31              | 5P       |
| 32-36              | 6P       |
| 37-45              | 1A       |

**Note:** Category 1A allows a transition from the Defender Paediatric to the adult Highlander foot from size 22.



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## Seattle Child's Play® Energy Foot

The Child's Play Energy foot is a paediatric version of the Seattle Energy. Its integral cosmesis varies by size to reflect the natural appearance of a child's maturing foot and provides shock absorption at heel strike, while the composite keel allows a smooth roll-over with dynamic response at toe-off for a natural gait. There are six keel options that can be selected to help optimise the action of the foot, dependent on the child's weight and foot size. This foot replaces the Seattle Child's Play foot, but slight differences in the build height may prevent a direct swap on an existing prosthesis.

### Features and Benefits



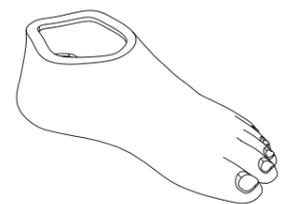
Low profile selectable keel design



Smooth roll-over and dynamic response



Natural appearance



Lightweight

### Product Specification

| Weight Limit | Weight (Size 17) | Sizes (cm) | Build Height (Size 17) | Warranty                       |
|--------------|------------------|------------|------------------------|--------------------------------|
| 65kg         | 150g             | 13-21      | 4.5cm                  | 2 years<br>Foot shell - 1 year |

| Size  | Minimum Clearance (cm) | Heel Rise (cm) |
|-------|------------------------|----------------|
| 13-15 | 4                      | 0.63           |
| 16-18 | 4.5                    | 0.95           |
| 19-21 | 4.5                    | 1.27           |

### Cosmetics



Light



Dark

### Ordering Information

There is no trial period on this foot.

| Part Number | Description              | Weight Limit |
|-------------|--------------------------|--------------|
| NSEF132     | Child's Play Foot, Light | 65kg         |
| NSEF144     | Child's Play Foot, Dark  | 65kg         |

#### Ordering Example - NSEF132-18-R-D4

| Part Number | Size | Left / Right | Category |
|-------------|------|--------------|----------|
| NSEF132     | 18   | R            | D4       |

### Category Selection Instructions

To determine which keel is appropriate for your patient, check the below table for keel availability by foot size. Please note that size 13-15 feet do not have sandal toe foot shells.

**Important Note:** Choose the next higher keel level if your patient has a long BK limb, regularly carries heavy loads, or is at the upper limit for weight or impact level.

**Warning:** Choosing a lower strength category than what is suggested based on the above procedure and patient data will void the warranty. If your patient's weight exceeds the limits of the chart, please browse the lower limb catalogue for other foot options or call Customer Services.

| Weight Limit | Keel | Foot Size |    |    |    |    |    |    |    |    |   |
|--------------|------|-----------|----|----|----|----|----|----|----|----|---|
|              |      | 13        | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |   |
| <15kg        | 1    | ✓         | ✓  | ✓  |    |    |    |    |    |    |   |
| 16-25kg      | 2    | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  |    |    |    |   |
| 26-35kg      | 3    | ✓         | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |   |
| 36-45kg      | 4    |           |    |    | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓ |
| 46-55kg      | 5    |           |    |    |    |    |    | ✓  | ✓  | ✓  | ✓ |
| 56-65kg      | 6    |           |    |    |    |    |    |    | ✓  | ✓  | ✓ |

## Child's Play® Knee

This lightweight polycentric knee is a robust unit, with all the features that would be expected from a child's knee, but with one very useful additional feature. It has the facility to be set up as a semi auto or manual knee lock. This makes it particularly suitable for a child with bilateral limb loss, or with other functional issues, such as muscle weakness in the sound limb.

The lock can easily be removed should the child's ability not require it, or once an appropriate level of rehabilitation has been achieved. It can be just as easily replaced should there be a deterioration in function, such as following surgery.

### Features and Benefits



Polycentric design



Optional manual lock



Stability Adjustment  
Friction control

Friction control of swing phase and adjustable stance stability



Extension assist



Knee disarticulation adapter available NSSK610A (replaces the removable pyramid)

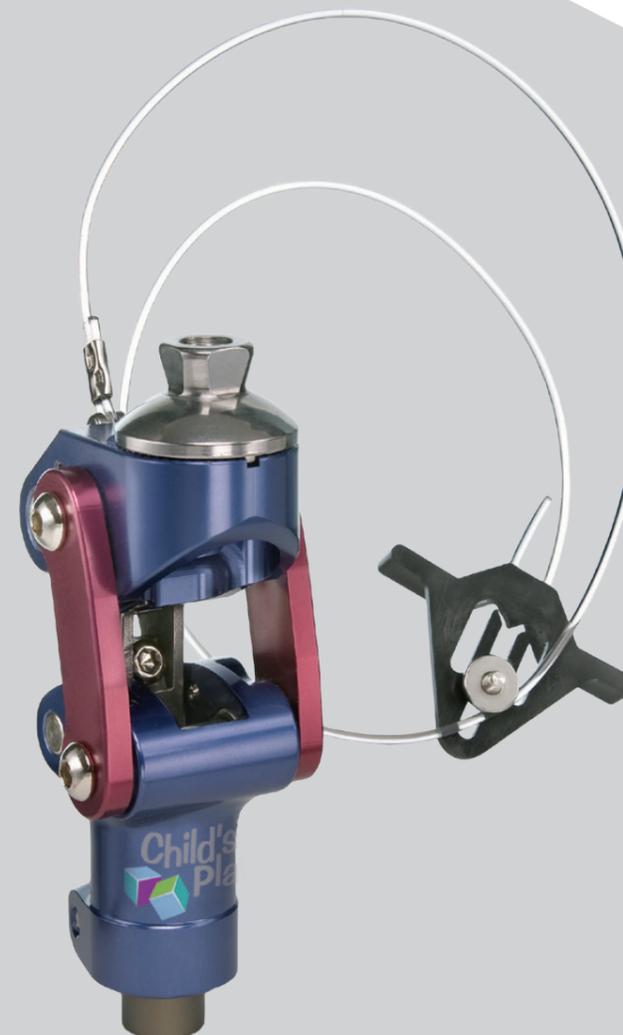
### Product Specification

| Weight Limit | Weight | Build Height | Warranty | Distance to Knee Centre |
|--------------|--------|--------------|----------|-------------------------|
| 55kg         | 310g   | 12cm         | 2 years  | 3cm                     |

### Ordering Information

Loaner units are available for this knee, please contact Customer Services for further details.

| Part Number | Description                        | Weight Limit |
|-------------|------------------------------------|--------------|
| NSSK610A    | Child's Play Knee with Manual Lock | 55kg         |



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## Paediatric Aluminium Components

### Weight Limit - 65kg

Please note that when ordering components from different ranges for the same build, the lowest rated component becomes the maximum weight for the build.

| Paediatric Aluminium 22mm Structural Components |             |   |      |  |
|---|-------------|---|------|--|
| Part Number                                     | Description | Weight Limit  |      |  |
| 1   | NAAAK210    | Child's Play 4-Hole Pyramid Adapter   | 65kg |  |
| 2   | NAAAK211    | Child's Play 4-Hole Female Adapter  | 65kg |  |
| 3   | NAAAK100    | Child's Play Adjustable Height Clamp Adapter - This clamp allows up to 25mm adjustment in height, with the two bolt clamp being sufficient to hold the position, unless there is likely to be any significant impact in the patient's gait, such as jumping or running. | 65kg |  |
| 4   | NAAAK135    | Child's Play Pylon with Integral Receiver   | 65kg |  |
| 5   | NAAAK225    | Child's Play Clamp Adapter  | 65kg |  |
| 6   | NAAAK221    | 32mm Child's Play Double-Ended Adapter  | 65kg |  |
| 7   | NAAAK285    | Child's Play Foot Pyramid   | 65kg |  |
| 8   | NAAAKSMP    | Child's Play Seattle Mounting Plate - Excludes Expulsion Valve Insert   | 65kg |  |
| 9   | NJR-740L    | Paediatric 4 Prong Pyramid Adapter  | 60kg |  |
| 10  | NJR-10T2    | 250mm Length 22mm Pylon   | 60kg |  |
| 11  | NJR-10TC2   | 250mm Length 22mm Pylon with Titanium Receiver  | 60kg |  |
| 12  | NJR-10TC2-I | 250mm Length 22mm Pylon with Short Adapter  | 60kg |  |
| 13  | NJR-10TC2-A | Child's 22mm Tube with Adult Pyramid Receiver   | 60kg |  |

Note: Use NAAAK100 in combination with NAAAK135 for variable height adjustment.



## Paediatric Titanium Components

### Weight Limit - 60Kg

Please note that when ordering components from different ranges for the same build, the lowest rated component becomes the maximum weight for the build.

| Paediatric Titanium Pyramid and Receiver Adapters |             |  |        |              |      |
|---|-------------|--|--------|--------------|------|
| Part Number                                       | Description | Weight   | Height | Weight Limit |      |
| 1   | NJR-460-TRM | Paediatric Clamping Base with Rotatable Pyramid                              | 91g    | 13mm         | 60kg |
| 2   | NJR-465TRF  | Paediatric Clamping Base with Rotatable Receiver                             | 94g    | 18mm         | 60kg |
| 3   | NJR-460TB   | Paediatric 4-Hole Threaded Base with Clamp                                   | 60g    | 9mm          | 60kg |
| 4   | NJR-00MS    | Paediatric Rotatable Pyramid with Hole                                       | 31g    | 5mm          | 60kg |
| 5   | NJR-50FS    | Paediatric Receiver, Female (pictured)                                       | 34g    | 10mm         | 60kg |
|   | NJR-50FS-03 | Paediatric Receiver, Female  | 39g    | 13mm         | 60kg |
|   | NJR-50FS-06 | Paediatric Receiver, Female  | 46g    | 16mm         | 60kg |
|   | NJR-50FS-09 | Paediatric Receiver, Female  | 53g    | 19mm         | 60kg |
|   | NJR-50FS-12 | Paediatric Receiver, Female  | 59g    | 22mm         | 60kg |
| 6   | NJR-500P-C  | Paediatric SACH Foot Adapter, suitable for use with Child's Play Energy foot | 58g    | 7mm          | 60kg |

Note: Whilst the components showing the blue water symbol are therefore waterproof, please note that these components do not have drainage slots.



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## Paediatric Adapters

### Paediatric Components: Weight Limit - 45kg

Please note that when ordering components from different ranges for the same build, the lowest rated component becomes the maximum weight for the build.

#### Socket Adapter with Rotation

| Part Number  | Material | Weight | Weight Limit |
|--------------|----------|--------|--------------|
| 1 NMA100K4/A | Aluminum | 60g    | 45kg         |

#### Tube Clamp Adapter with Pyramid

| Part Number   | Material | Weight | Weight Limit |
|---------------|----------|--------|--------------|
| 2 NMA110K15/A | Aluminum | 50g    | 45kg         |



### Paediatric Components: Weight Limit - 60kg

Please note that when ordering components from different ranges for the same build, the lowest rated component becomes the maximum weight for the build.

#### Double Adapter - Titanium

| Part Number | Material            | Weight | Height | Weight Limit |
|-------------|---------------------|--------|--------|--------------|
| 3 NJR-132D  | Titanium (pictured) | 62g    | 32mm   | 60kg         |
| NJR-145D    | Titanium            | 74g    | 45mm   | 60kg         |
| NJR-160D    | Titanium            | 92g    | 60mm   | 60kg         |

#### Child's Tube Clamp with Adult Pyramid Receiver

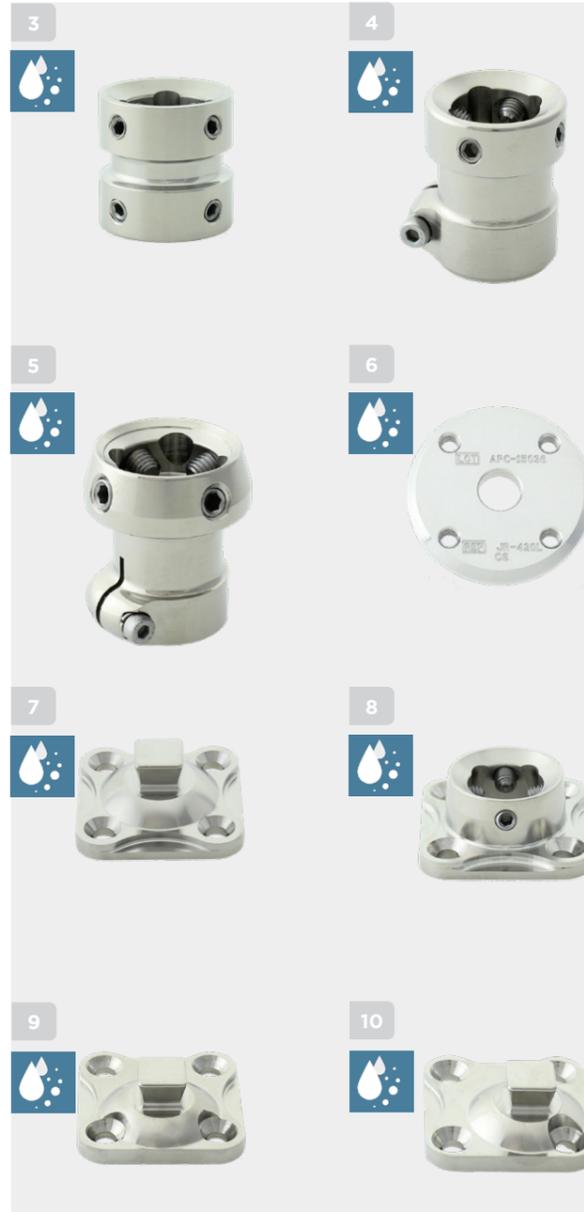
| Part Number  | Material  | Weight | Weight Limit |
|--------------|---|--------|--------------|
| 4 NJR-100C   | Titanium Paediatric Tube Clamp Adapter                          | 62g    | 60kg         |
| 5 NJR-100C-A | Titanium 22mm Paediatric Tube Clamp with Adult Pyramid Receiver | 79g    | 60kg         |

#### Child's Lamination Plate

| Part Number   | Material   | Weight | Weight Limit |
|---------------|--|--------|--------------|
| 6 NJR-AL-420L | Aluminum Lamination Plate - Supplied with M5 screws. Suitable for use with NAAAK210 and the NJR-460 series adapters. | 51g    | 60kg         |

#### Child's 4-Hole Pyramid Adapter

| Part Number | Description   | Weight | Weight Limit |
|-------------|---|--------|--------------|
| 7 NJR-400B  | Titanium Paediatric 4-Hole Pyramid Adapter          | 36g    | 60kg         |
| 8 NJR-450BF | Titanium Paediatric 4-Hole Receiver Adapter         | 54g    | 60kg         |
| 9 NJR-400A  | Titanium Paediatric 4-Hole Pyramid, Axial Offset    | 45g    | 60kg         |
| 10 NJR-400D | Titanium Paediatric 4-Hole Pyramid, Diagonal Offset | 48g    | 60kg         |



## Paediatric Lamination Adapters

### Child's Play Lamination Block

If lamination is thick for strength, a longer screw may be required.

| Part Number | Description      | Weight Limit | Weight |
|-------------|------------------|--------------|--------|
| 1 NSLB240   | Lamination Block | 65kg         | 93g    |

### Child's Play Foot Spacers

| Part Number | Foot Size | Height | Weight Limit | Weight |
|-------------|-----------|--------|--------------|--------|
| 2 NSFS240   | 13 - 15cm | 6mm    | 31kg         | 6g     |
| NSFS241     | 13 - 15cm | 25mm   | 31kg         | 20g    |
| NSFS242     | 16 - 18cm | 6mm    | 41kg         | 9g     |
| NSFS243     | 16 - 18cm | 25mm   | 41kg         | 28g    |
| NSFS244     | 19 - 21cm | 6mm    | 65kg         | 11g    |
| NSFS245     | 19 - 21cm | 30mm   | 65kg         | 45g    |

### Child's Play Ankle Block

| Part Number | Foot Size | Weight Limit | Weight |
|-------------|-----------|--------------|--------|
| 3 NSAB314   | 13 - 15cm | 35kg         | 123g   |
| NSAB315     | 16 - 18cm | 45kg         | 146g   |
| NSAB316     | 19 - 21cm | 65kg         | 179g   |

### Child's Play Symes Nut

| Part Number | Foot Size | Weight Limit | Weight |
|-------------|-----------|--------------|--------|
| 4 NSSY301   | 13 - 15cm | 31kg         | 14g    |
| NSSY302     | 16 - 18cm | 40kg         | 20g    |
| NSSY303     | 19 - 21cm | 65kg         | 28g    |

### Child's Play Laminating Core

| Part Number | Foot Size | Weight Limit | Weight |
|-------------|-----------|--------------|--------|
| 5 NSLC301   | 13 - 15cm | 31kg         | 28g    |
| NSLC302     | 16 - 18cm | 40kg         | 50g    |
| NSLC303     | 19 - 21cm | 65kg         | 79g    |



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# Paediatric Cosmetic Foams and Stockings



## Cosmetic Soft Foam Cover

For modular transtibial and knee disarticulation prostheses - made from PUR soft foam, applicable for left and right sides and with Ø 19mm bore.

| Part Number | Length |
|-------------|--------|
| 1 NMA600K7  | 50cm   |

## Cosmetic Soft Foam Cover

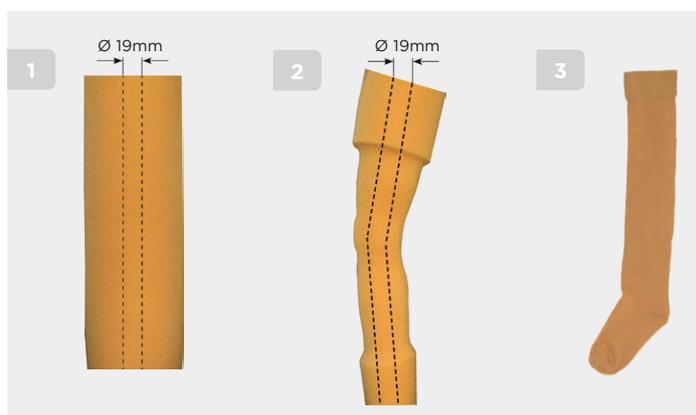
For modular transfemoral and hip disarticulation prostheses - made from PUR soft foam with 30° knee flexion, a very distinctive pre-shaped calf, matching nylon cosmetic stocking (NMA200K15) and with Ø 19mm bore.

| Part Number   | Side  | Calf Circumference |
|---------------|-------|--------------------|
| 2 NMA600K32/L | Left  | 32cm               |
| NMA600K32/R   | Right | 32cm               |

## Cosmetic Stockings

For above-knee paediatric prostheses made from 100% polyamide (nylon).

| Part Number   | Length | Foot Length |
|---------------|--------|-------------|
| 3 NMA200K15/1 | 34cm   | 10cm        |
| NMA200K15/2   | 37cm   | 11cm        |
| NMA200K15/3   | 44cm   | 12cm        |



To place an order please contact our friendly customer services team via phone on 0870 240 4133 or e-mail [customerservices@steepergroup.com](mailto:customerservices@steepergroup.com). For further information on our Paediatric prosthetic range please contact your Steeper Product Manager.

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