

# Give yourself a new life

**NEW!**

The smartCRUTCH® affords the patient quality of life, maximum comfort and freedom to move. Spending time on crutches adds to everyday stress and the demands of a busy and active lifestyle. The last thing one needs is more frustration due to the pain and discomfort of being on crutches.



- Fully adjustable modular design allows for user customization.
- Increased surface area resulting in a six fold reduction in pressure
- Fully adjustable settings to meet personal mobility requirements
- Locking spline allows for secure rotational angle settings
- Hourglass-shaped foot maximizes ground contact regardless of leg position
- More comfort through even distribution of hands and forearms
- 9 position "push-pin" height adjustment
- Ergonomically designed grips for added comfort and support
- 3 point forearm length settings

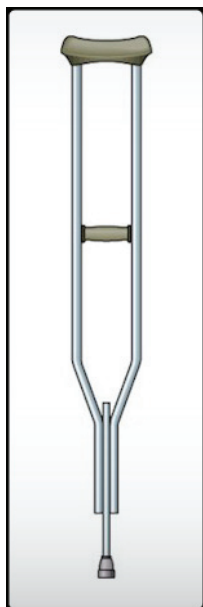


<p><b>Forearm Rest Rotation</b></p> <ul style="list-style-type: none"> <li>Comfortable cushion support</li> <li>Custom rotational setting</li> <li>4x Custom fore-arm length settings</li> </ul> <p>Fully adaptable and modular design. The adjustment length and angle allow for user customization</p> <p>14x Custom crutch length settings</p> <p><small>PATENT PENDING</small></p>	<p><b>ERGONOMIC GRIP DESIGN</b></p> <p>LEFT      RIGHT</p>	<p><b>ADJUSTABLE HANDLE ROTATION</b></p> <p>90° 45° 22.5°</p>
<p><b>BOTTOM VIEW</b></p>	<p><b>HOURLASS-SHAPE FOOTING</b></p>	

It's safe to say, one thing we have in common as humans is the constant evolution in our lives on a daily basis. In the current world of the latest and greatest cell phones, music apps, cars, etc.-all designed to make our lives easier, it's a wonder that the world of conventional crutches have just now started to mold to our lives.

It's been 80 plus years since the conventional crutch has been re-designed forcing its purpose to fit within our comfort and healing needs. Until now, their ergonomical design has caused additional strains, pains, and pressure to our tendons and ligaments. These strains can and have led to unnecessary, smartCRUTCH® Compared to Conventional and unforeseen problems such as tendinitis and carpal tunnel syndrome.

## smartCRUTCH® Compared to Conventional



### Conventional Crutches:

#### Pressure in axilla

- Discomfort
- Pain
- Nerve Damage

#### Wrist strain

- Discomfort
- Pain & inflammation

#### Pressure on palms of hands

- Excessive pressure brought to bear on small area (palms + armpits) – use limitation

#### Requires the ability to grip

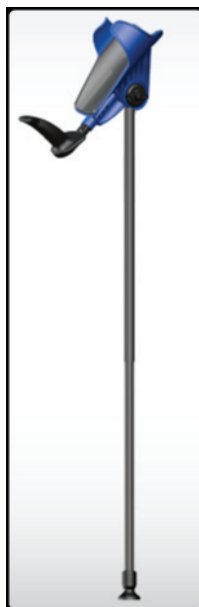
- Use limitation

#### Shock transmitted through the body with every step

- No effective suspension mechanism to minimize the effect of jolts

#### Restricted to firm, non-slip surfaces

- Not possible to use with safety on sand, ice or grassy surfaces



### smartCRUTCH® Technology

#### Allows pressure distribution for maximum comfort

- Increased surface area resulting in a six fold reduction in pressure
- More comfort through even distribution on hands and forearms
- Fully adjustable to customize individual needs

#### Ergonomically design grips

- Enhances comfort and maximizes load displacement
- Grips are offset 7° to ensure stability and comfort
- Left and right side

#### Fully adjustable, modular design

- User variation and customization
- 4 point forearm length settings
- Hourglass-shaped foot maximizes ground contact regardless of leg position

### Specifications

Recommended Height Range:	5' to 6'4" (152.4cm to 193cm)
Weight of a single crutch:	1.76lbs (800 g)
Minimum Height Adjustment:	31.5 inches (800 mm)
Maximum Height Adjustment:	47.3 inches (1200 mm)
Adjustment Increments:	1.18 inches (30mm)
Forearm Adjustment Range:	10.6 inches to 14.2 inches (270 to 360 mm)
Weight Limitation:	260lbs (120 kg)
Packaging Size:	31.5 x 8.7 x 5.1 inches (820mm x 220 x 130 mm)
Materials:	Injection Moulded PVC/Aluminum/Rubber Composite

Like a much needed breath of fresh air in the modern medical field the smartCRUTCH® has been specifically designed for the purpose of doing exactly what the conventional crutch should have been destined to do all along. To get you back on your feet in the most comfortable, quick, and ergonomically correct way. SmartCRUTCH® is dedicated to maintaining proper posture, relieving stress, and lessening any compressive forces setting you up for a safe and speedy recovery.



Contact HMR Healthcare for further information on how to order or how to stock our exclusive, must have range. Australian Distributor

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# smartCRUTCH® Range

