IOWIN

江苏扬子江医疗科技股份有限公司

JIANGSU YANGTZE RIVER MEDICAL TECHNOLOGY CORP.

A shower-friendly, odor and itch free orthopedic cast allows for skin monitoring and quick to apply.



ISO

ISO 13485

CE

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A Shower friendly Orthopedic Cast

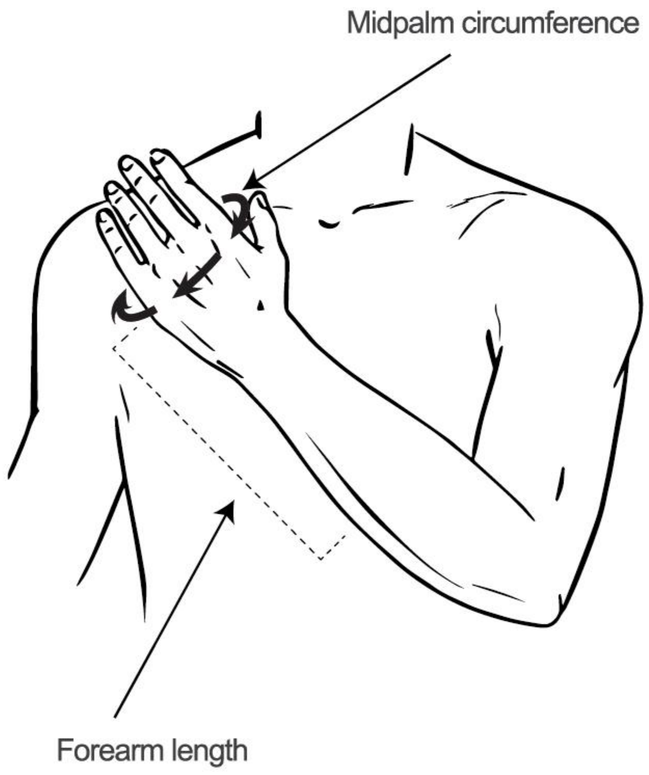
Forearm Cast



- Non-displaced/stable/minimally displaced/ buckle fracture of distal radius fracture
- Carpal bone fractures (excluding scaphoid and trapezium)
- As a removable splint during recovery

Forearm casts are available in a variety of sizes: XXS, XS, S, M, L, XL, SM, SL, SXL.
To select the most suitable forearm cast, the patient's arm should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-S-QN-XXS	XXS	10cm×16cm	Midpalm circumference: 9-11cm Forearm length: 14-18cm
GD-S-QN-XS	XS	12.5cm×19.5cm	Midpalm circumference: 11-14cm Forearm length: 18-21cm
GD-S-QN-S	S	15.5cm×24.5cm	Midpalm circumference: 14-17cm Forearm length: 23-26cm
GD-S-QN-M	M	18cm×27.5cm	Midpalm circumference: 17-18.5cm Forearm length: 26-29cm
GD-S-QN-L	L	20.5cm×29.5cm	Midpalm circumference: 18.5-22.5cm Forearm length: 29-30cm
GD-S-QN-XL	XL	23.5cm×31.5cm	Midpalm circumference: 22.5-24.5cm Forearm length: 30-33cm
GD-S-QN-SM	SM	18cm×25cm	Midpalm circumference: 17-18.5cm Forearm length: 23-27cm
GD-S-QN-SL	SL	20.5cm×28cm	Midpalm circumference: 18.5-22.5cm Forearm length: 27-29cm
GD-S-QN-SXL	SXL	23.5cm×29.5cm	Midpalm circumference: 22.5-24.5cm Forearm length: 29-30cm

A Shower friendly Orthopedic Cast

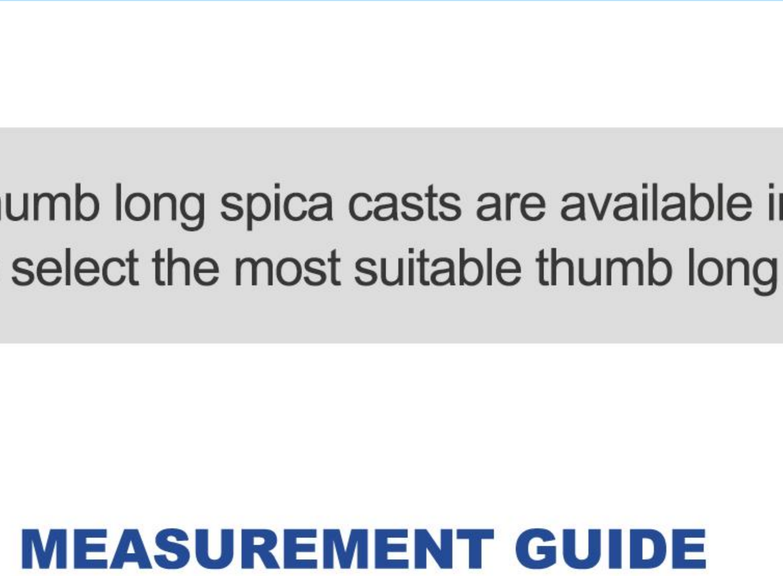
Thumb Long Spica Cast



- Non-angulated / non-displaced fractures of the scaphoid, lunate, or trapezium
- Non-angulated / non-displaced/extra-articular fractures of the base of the first metacarpal
- Wrist and thumb arthritis associated with rheumatoid arthritis and osteoarthritis
- De Quervain’s tenosynovitis
- Other soft-tissue or ligamentous injuries of the thumb

Thumb long spica casts are available in a variety of sizes: S, M, L, XL, A, B.
To select the most suitable thumb long spica cast, the patient’s wrist should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-M-QN-S	S	15cm	Wrist circumference: 14-16cm
GD-M-QN-M	M	17cm	Wrist circumference: 16-18cm
GD-M-QN-L	L	19cm	Wrist circumference: 18-20cm
GD-M-QN-XL	XL	21cm	Wrist circumference: 20-22cm
GD-M-QN-A	A	14.5cm	Wrist circumference: 12-17cm
GD-M-QN-B	B	19.5cm	Wrist circumference: 17-22cm

A Shower friendly Orthopedic Cast

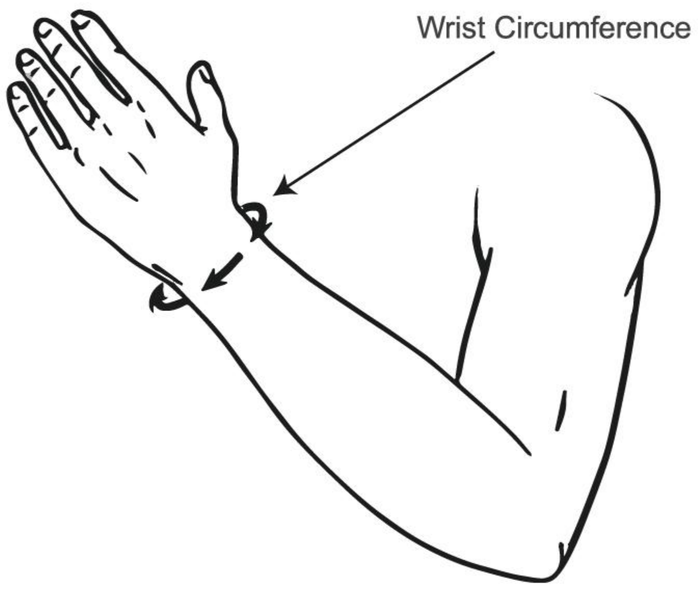
Radial Gutter Cast



- Distal radius fractures with or without metacarpal fractures
- Non-displaced fractures of the second or third metacarpal
- Non-displaced fractures of the second or third proximal phalanx

Radial gutter casts are available in a variety of sizes: S, M, L, XL, A, B.
To select the most suitable radial gutter cast, the patient's wrist should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-R-QN-S	S	15cm	Wrist circumference: 14-16cm
GD-R-QN-M	M	17cm	Wrist circumference: 16-18cm
GD-R-QN-L	L	19cm	Wrist circumference: 18-20cm
GD-R-QN-XL	XL	21cm	Wrist circumference: 20-22cm
GD-R-QN-A	A	14.5cm	Wrist circumference: 12-17cm
GD-R-QN-B	B	19.5cm	Wrist circumference: 17-22cm

A Shower friendly Orthopedic Cast

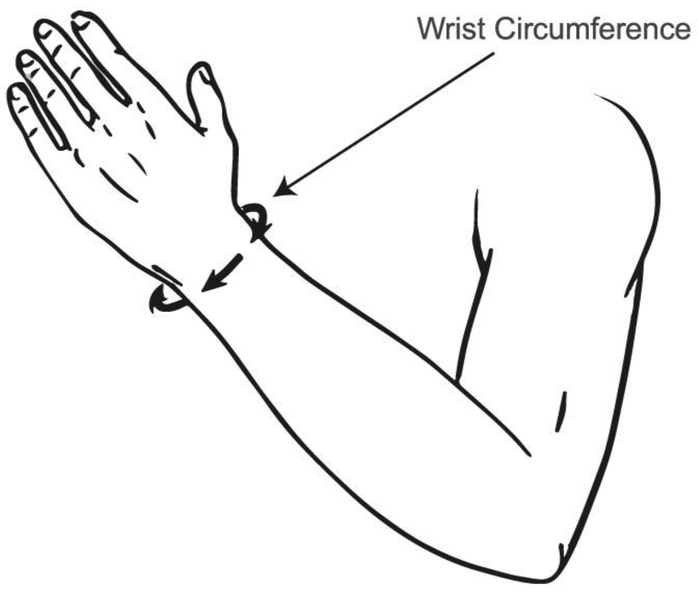
Ulnar Gutter Cast



- Boxer’s fracture
- Non-displaced fractures of the fourth or fifth metacarpal
- Non-displaced fractures of the fourth or fifth proximal phalanx
- Non-displaced fractures of the fourth or fifth middle phalanx

Thumb long spica casts are available in a variety of sizes: S, M, L, XL, A, B.
To select the most suitable ulnar gutter cast, the patient’s wrist should be measured before use.

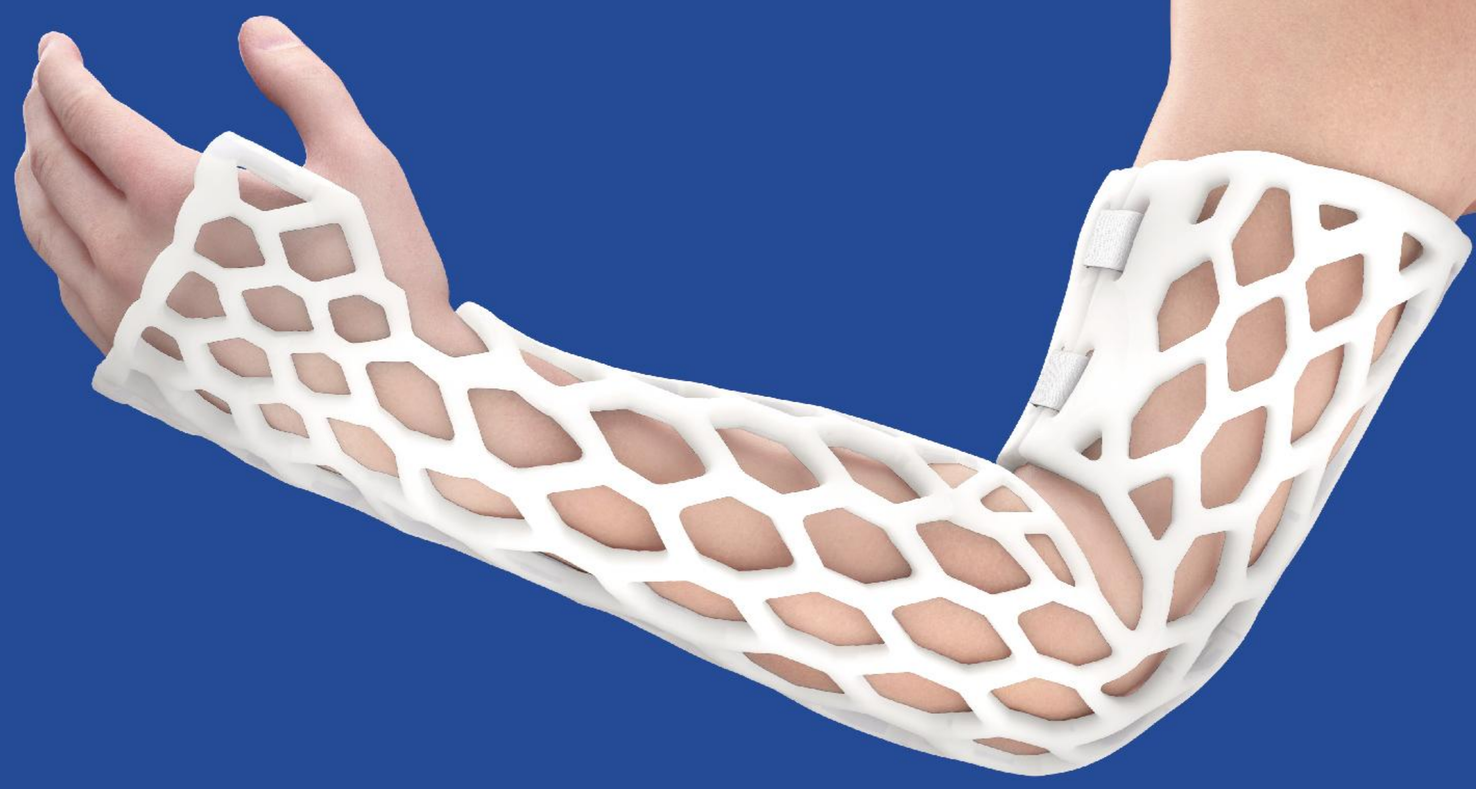
MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-C-QN-S	S	15cm	Wrist circumference: 14-16cm
GD-C-QN-M	M	17cm	Wrist circumference: 16-18cm
GD-C-QN-L	L	19cm	Wrist circumference: 18-20cm
GD-C-QN-XL	XL	21cm	Wrist circumference: 20-22cm
GD-C-QN-A	A	14.5cm	Wrist circumference: 12-17cm
GD-C-QN-B	B	19.5cm	Wrist circumference: 17-22cm

A Shower friendly Orthopedic Cast

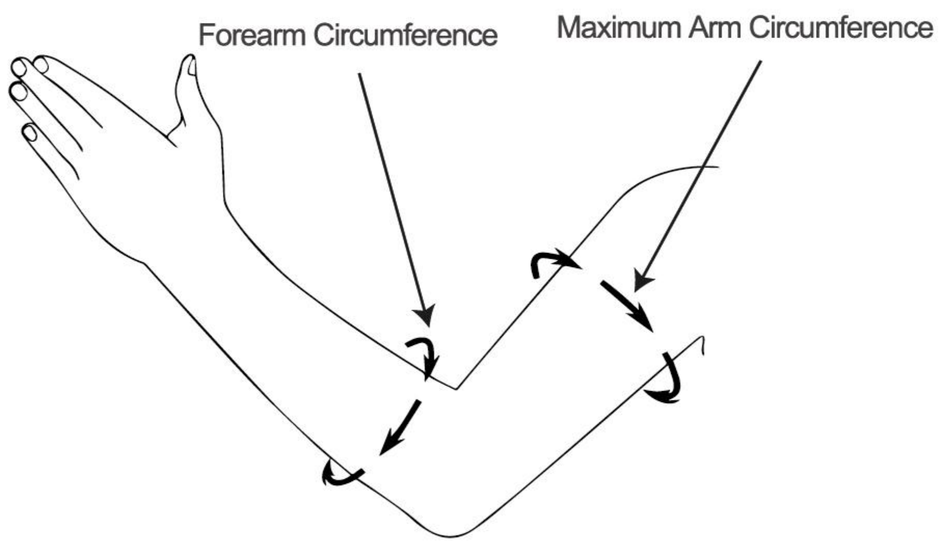
Full Arm Cast



- Distal humeral fractures
- Mid shaft fractures of radius and ulna
- Proximal fractures of the radius and ulna (Monteggia and Galeazzi fractures)
- Elbow fractures (including supracondylar and condylar fractures of the humerus)

Full arm casts are available in a variety of sizes: XXS, XS, S, M, L, XL.
To select the most suitable full arm cast, the patient's arm should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-B-QN-XXS	XXS	13cm×13.5cm	Forearm circumference: 11.5-15cm Maximum arm circumference: 12-14.5cm
GD-B-QN-XS	XS	16cm×16.5cm	Forearm circumference: 15-18.5cm Maximum arm circumference: 14.5-18cm
GD-B-QN-S	S	20cm×24cm	Forearm circumference: 18.5-23cm Maximum arm circumference: 22-26.5cm
GD-B-QN-M	M	25cm×28.5cm	Forearm circumference: 23-26.5cm Maximum arm circumference: 26.5-31cm
GD-B-QN-L	L	28cm×33cm	Forearm circumference: 26.5-30cm Maximum arm circumference: 31-36cm
GD-B-QN-XL	XL	32cm×38cm	Forearm circumference: 30-33.5cm Maximum arm circumference: 36-40cm

A Shower friendly Orthopedic Cast

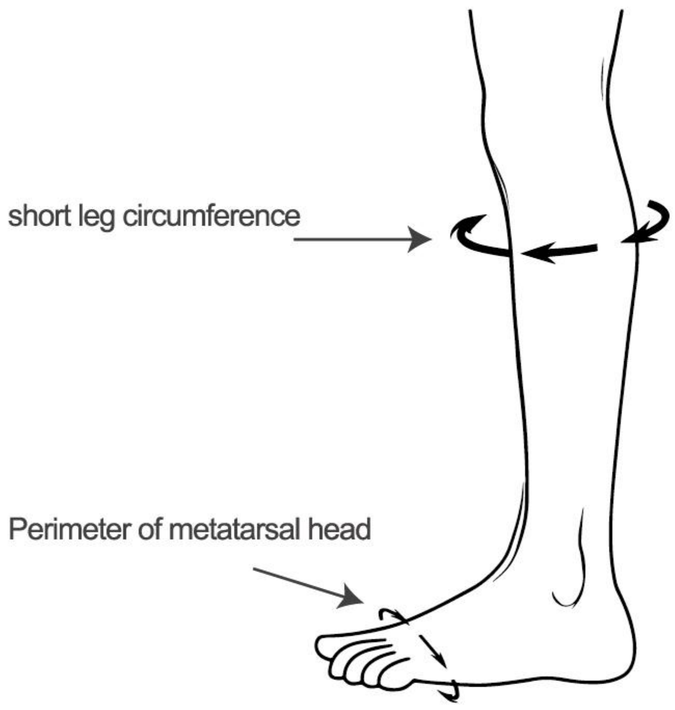
Short Leg Cast



- Fractures of the foot bones
- Ankle sprains, strains, or fractures
- Fractures of the distal tibia and fibula around the ankle
- Postoperative immobilization of leg/foot muscles and tendons to ensure proper healing

Short leg casts are available in a variety of sizes: XXS, XS, S, M, L, XL.
To select the most suitable short leg cast, the patient's leg should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-T-QN-XXS	XXS	20cm×12cm	Short Leg circumference: 18-22cm Perimeter of metatarsal head: 11-13cm
GD-T-QN-XS	XS	23.5cm×14cm	Short Leg circumference: 22-25cm Perimeter of metatarsal head: 13-15cm
GD-T-QN-S	S	27.5cm×16.5cm	Short Leg circumference: 25-30cm Perimeter of metatarsal head: 15-18cm
GD-T-QN-M	M	35cm×20cm	Short Leg circumference: 30-40.5cm Perimeter of metatarsal head: 18-22cm
GD-T-QN-L	L	43cm×24cm	Short Leg circumference: 40.5-45cm Perimeter of metatarsal head: 22-25.5cm
GD-T-QN-XL	XL	47cm×27cm	Short Leg circumference: 45-49cm Perimeter of metatarsal head: 25.5-28cm

A Shower friendly Orthopedic Cast

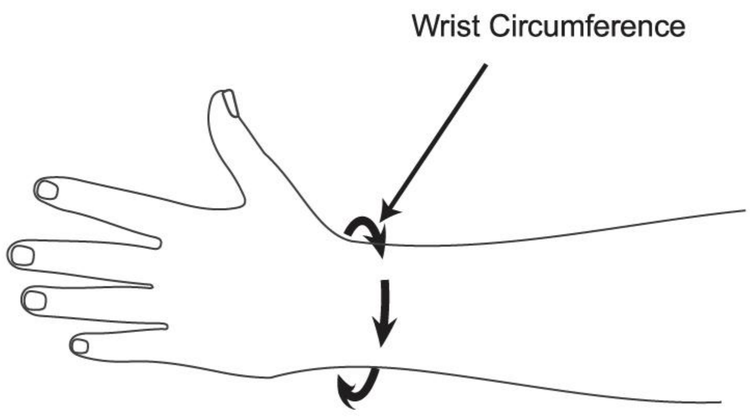
Thumb Spica Cast



- Scaphoid fractures
- De Quervain’s tenosynovitis
- Non-angulated, non-displaced, extra-articular fractures at the base of the first metacarpal
- Other ligamentous or soft-tissue injuries of the thumb

Thumb spica casts are available in a variety of sizes: S, M, L, XL, A, B.
To select the most suitable thumb spica cast, the patient’s hand should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-Z-QN-S	S	15cm	Wrist circumference: 14-16cm
GD-Z-QN-M	M	17cm	Wrist circumference: 16-18cm
GD-Z-QN-L	L	19cm	Wrist circumference: 18-20cm
GD-Z-QN-XL	XL	21cm	Wrist circumference: 20-22cm
GD-Z-QN-A	A	14.5cm	Wrist circumference: 12-17cm
GD-Z-QN-B	B	19.5cm	Wrist circumference: 17-22cm

A Shower friendly Orthopedic Cast

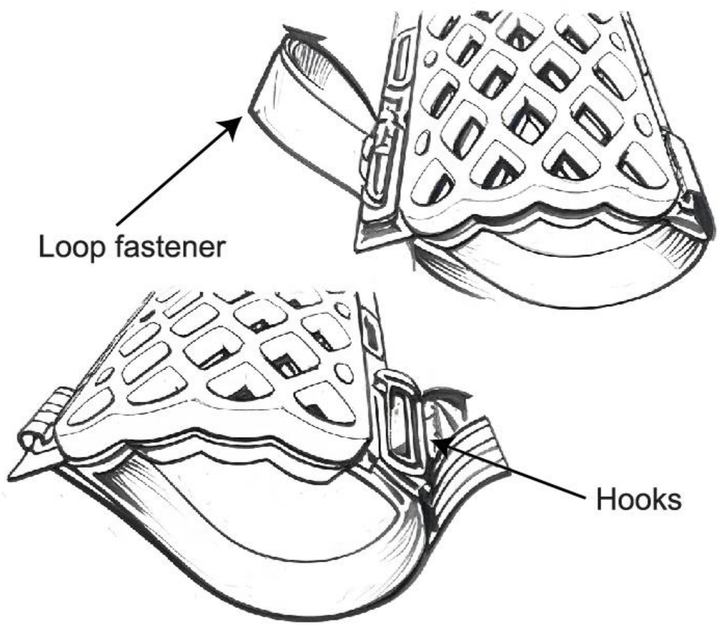
Splint Cast



- Preoperative stabilization
- Postoperative support
- Ligament sprains / soft-tissue injuries
- Support during recovery
- Acute swelling of fractured or injured parts

Splint casts are available in a variety of sizes, please refer to below chart.
To select the most suitable splint cast, the patient's hand should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-J-QN-722	722	7.6cm×22.8cm	N/A
GD-J-QN-730	730	7.6cm×30.5cm	N/A
GD-J-QN-738	738	7.6cm×38.1cm	N/A
GD-J-QN-1030	1030	10.2cm×30.5cm	N/A
GD-J-QN-1038	1038	10.2cm×38.1cm	N/A
GD-J-QN-1045	1045	10.2cm×45.7cm	N/A
GD-J-QN-1230	1230	12.7cm×30.5cm	N/A
GD-J-QN-1238	1238	12.7cm×38.1cm	N/A
GD-J-QN-1245	1245	12.7cm×45.7cm	N/A

A Shower friendly Orthopedic Cast

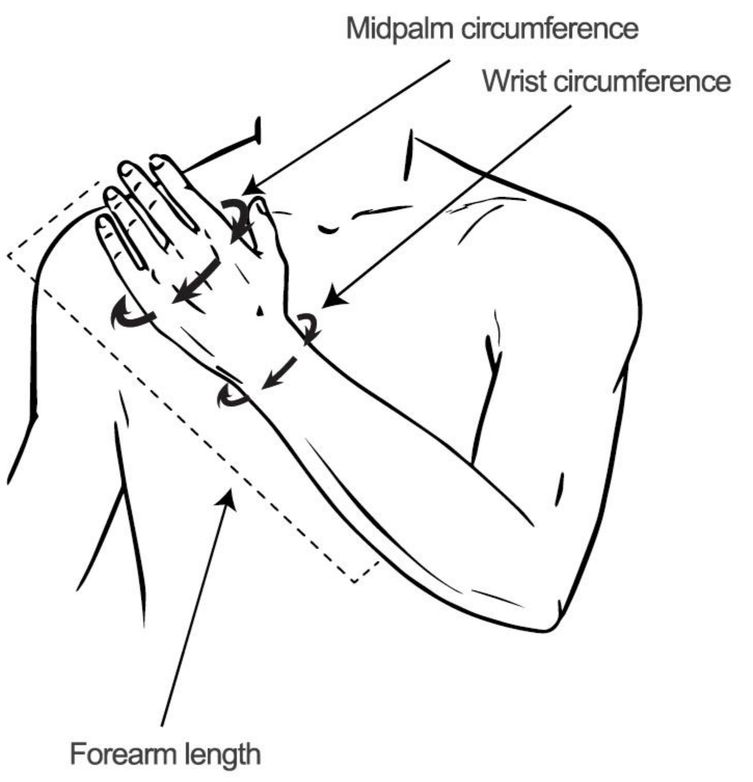
Forearm and Thumb Cast



- Boxer’s fracture; distal radius fractures with or without metacarpal fractures; non-displaced fractures of the second to fifth metacarpals and proximal/middle/distal phalanges
- Extra-articular, non-angulated and non-displaced fractures at the base of the first metacarpal (excluding Bennett’s and Rolando fractures)
- Non-angulated, non-displaced fractures of the scaphoid, lunate, or trapezium
- Wrist and thumb arthritis related to rheumatoid arthritis or osteoarthritis
- De Quervain’s tenosynovitis and other ligamentous or soft-tissue injuries of the thumb

Forearm and thumb casts are available in a variety of XXS, XS, S, M, L, XL, SM, SL, SXL.
To select the most suitable forearm and thumb cast, the patient’s arm should be measured before use.

MEASUREMENT GUIDE



Model	Size	Produc Dimensions	Suitable Body Measurements
GD-O-QN-XXS	XXS	10cm×16cm×11cm	Midpalm circumference: 9-11cm Forearm length: 14-18cm Wrist circumference: 10-12cm
GD-O-QN-XS	XS	12.5cm×19.5cm×13cm	Midpalm circumference: 11-14cm Forearm length: 18-21cm Wrist circumference: 12-14cm
GD-O-QN-S	S	15.5cm×24.5cm×15cm	Midpalm circumference: 14-17cm Forearm length: 23-26cmWrist circumference: 14-16cm
GD-O-QN-M	M	18cm×27.5cm×17cm	Midpalm circumference: 17-18.5cm Forearm length: 26-29cm Wrist circumference: 16-18cm
GD-O-QN-L	L	20cm×29.5cm×19cm	Midpalm circumference: 18.5-22.5cm Forearm length: 29-30cm Wrist circumference: 18-20cm
GD-O-QN-XL	XL	23.5cm×31.5cm×21cm	Midpalm circumference: 22.5-24.5cm Forearm length: 30-33cm Wrist circumference: 20-22cm
GD-O-QN-SM	SM	18cm×25cm×17cm	Midpalm circumference: 17 - 18.5cm Forearm length: 23-27cm Wrist circumference: 16-18cm
GD-O-QN-SL	SL	20.5cm×28cm×19cm	Midpalm circumference: 18.5-22.5cm Forearm length: 27-29cm Wrist circumference: 18-20cm
GD-O-QN-SXL	SXL	23.5cm×29.5cm×21cm	Midpalm circumference: 22.5-24.5cm Forearm length: 29-30cm Wrist circumference: 20-22cm

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ORTHOPEDIC CAST

About Technology

I WIN's Orthopedic Cast is the first of its kind — an orthopedic cast that combines the rigidity needed to hold fractured parts in place with proper skin ventilation. It comes as an easy-to-fix, wearable material applied to the injured area.

After wearing, light treatment completes the curing process and makes the cast rigid. This process is quick and only takes 3-10 minutes, depending on the size of the cast. After the course of therapy, cast can be removed easily without the use of any other external cast cutter/spreader.

Benefits

Showers
Allows daily washing and showers with cast on. Water can be easily dried off with a towel and hair dryer.

Odor and itch free
Perspiration is quickly evaporated to prevent itchiness and unwanted odor.

Skin monitoring
Doctors and patients can visually check the condition of the skin through windows while wearing.

Quick application
Can be readily applied at clinics or hospitals by medical professional, easily and safely removed.

Comfortable and hygienic

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