TURTLE BRACE

ELBOW



CHARACTERISTICS

- Direct molding on the limb
- Antibacterial fabric
- Radiolucent
- Submersible and auto-draining
- Remoldable
- 3.2 mm thickness that allows normal dressing
- Compostable eco-friendly plastic

MEASUREMENT INSTRUCTIONS

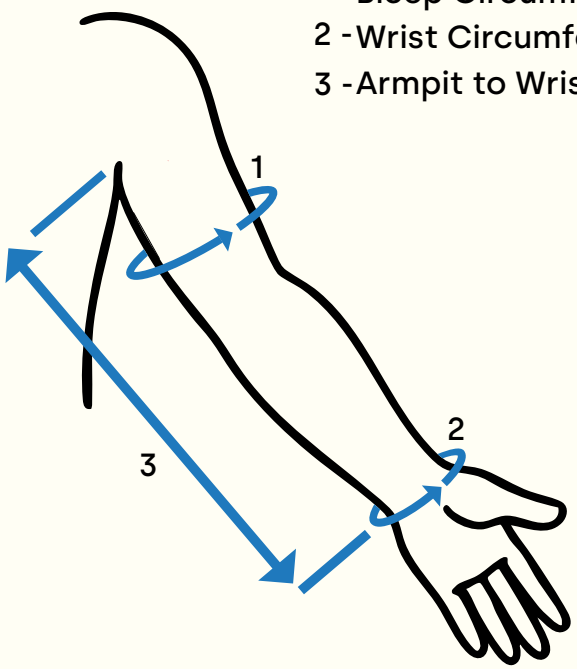
Using a tape measure, measure the bicep circumference as shown on the diagram.

Using a tape measure, measure the wrist circumference as shown on the diagram.

Select the brace that has the closest mid-range for your bicep circumference and wrist circumference.

See next page for charts.

1 - Bicep Circumference
2 - Wrist Circumference
3 - Armpit to Wrist length



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MEASUREMENTS (CM)

BABY	BICEP CIRC.	MID-RANGE	WRIST CIRC.	MID-RANGE	LENGTH	
Small	10.8cm - 13.4cm	12.1cm	9.0cm - 11.1cm	10.05cm	13.5cm	TBBCo-01
Medium	13.0cm - 16.3cm	14.65cm	9.9cm - 12.3cm	11.0cm	17.3cm	TBBCo-02
Large	14.4cm - 18.1cm	16.25cm	10.8cm - 13.4cm	12.1cm	21.3cm	TBBCo-03
XL	15.3cm - 19.3cm	17.3cm	11.7cm - 17.9cm	14.8cm	25.5cm	TBBCo-04

PEDIATRIC	BICEP CIRC.	MID-RANGE	WRIST CIRC.	MID-RANGE	LENGTH	
Small	16.2cm - 20.5cm	18.35cm	12.2cm - 15.3cm	13.75cm	28.9cm	TBBCoP-01
Medium	17.2cm - 21.8cm	19.5cm	12.6cm - 15.8cm	14.2cm	32.4cm	TBBCoP-02
Large	18.3cm - 23.2cm	20.75cm	13.1cm - 16.4cm	14.75cm	36.0cm	TBBCoP-03
XL	19.9cm - 25.3cm	22.6cm	13.5cm - 17.9cm	15.7cm	39.7cm	TBBCoP-04

ADULT	BICEP CIRC.	MID-RANGE	WRIST CIRC.	MID-RANGE	LENGTH	
Small	21.7cm - 27.6cm	24.65cm	14.0cm - 17.6cm	15.8cm	43.4cm	TBBCoA-01
Medium	26.1cm - 33.3cm	29.7cm	14.4cm - 18.1cm	16.25cm	43.7cm	TBBCoA-02
Large	32.4cm - 41.5cm	36.95cm	16.2cm - 20.5cm	18.35cm	44.1cm	TBBCoA-03
						TBBCoA-04

MEASUREMENTS (IN)

BABY	BICEP CIRC.	MID-RANGE	WRIST CIRC.	MID-RANGE	LENGTH	
Small	$4^{5/16}$in - $5^{5/16}$in	$4^{13/16}$in	$3^{1/2}$in - $4^{5/16}$in	$3^{15/16}$in	$5^{5/16}$in	TBBCo-01
Medium	$5^{1/8}$in - $6^{3/8}$in	$5^{3/4}$in	$3^{7/8}$in - $4^{11/16}$in	$4^{5/16}$in	$6^{13/16}$in	TBBCo-02
Large	$5^{11/16}$in - $7^{1/8}$in	$6^{7/16}$in	$4^{5/16}$in - $5^{5/16}$in	$4^{13/16}$in	$8^{3/8}$in	TBBCo-03
XL	6in - $7^{1/2}$in	$6^{3/4}$in	$4^{5/8}$in - $5^{11/16}$in	$5^{3/16}$in	10in	TBBCo-04

PEDIATRIC	BICEP CIRC.	MID-RANGE	WRIST CIRC.	MID-RANGE	LENGTH	
Small	$6^{3/8}$in - 8in	$7^{3/16}$in	$4^{3/16}$in - 6in	$5^{1/8}$in	$11^{3/8}$in	TBBCoP-01
Medium	$6^{13/16}$in - $8^{5/8}$in	$7^{11/16}$in	5in - $6^{3/16}$in	$5^{5/8}$in	$12^{13/16}$in	TBBCoP-02
Large	$7^{3/16}$in - 9in	$8^{1/8}$in	$5^{3/16}$in - $6^{3/8}$in	$5^{13/16}$in	$14^{3/16}$in	TBBCoP-03
XL	$7^{13/16}$in - $9^{7/8}$in	$8^{13/16}$in	$5^{5/16}$in - $6^{3/16}$in	$5^{3/4}$in	$15^{5/8}$in	TBBCoP-04

ADULT	BICEP CIRC.	MID-RANGE	WRIST CIRC.	MID-RANGE	LENGTH	
Small	$8^{1/2}$in - $10^{3/4}$in	$9^{5/8}$in	$5^{1/2}$in - $6^{7/8}$in	$6^{3/16}$in	$17^{1/8}$in	TBBCoA-01
Medium	$10^{3/10}$in - $13^{1/8}$cm	$11^{11/16}$in	$5^{7/10}$in - $7^{1/8}$in	$6^{7/16}$in	$17^{1/5}$in	TBBCoA-02
Large	$12^{4/5}$in - $16^{5/16}$in	$14^{9/16}$in	$6^{2/5}$in - 8in	$7^{3/16}$in	$17^{2/5}$in	TBBCoA-03
						TBBCoA-04

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MOLDING INSTRUCTIONS

The brace is a single patient remoldable brace. Before remolding the brace, make sure there are no visible signs of damage that could affect the function and efficacy of the brace.

#1 Remove all straps and the velcro mounted zipper.

#2 Heat the brace between 67°C and 108 °C (152 °F and 225 °F) until it becomes soft and elastic. The plastic must feel doughy when pinched between two fingers.

Dry Heat Method

Put the brace in either the Turtlebrace heating bag, a regular or convection oven. If you use a regular or convection oven, pre-heat them to 102 °C (215 °F) before heating the brace.

Hot Water Method

Place the brace in a hydrocollator or a hot-water heating pan, between 67°C and 100°C (152°F and 212°F). If you use a hot-water pan, make sure that the brace doesn't touch the bottom because the bottom temperature can exceed 108 °C (225 °F).

#3 Once the brace has become soft and elastic, you can drape the brace on the body. Make sure that the temperature of the brace is not too hot for comfort or at risk of burning your patient. Small padding, about 3 mm (1/8"), can be placed at the bony apex and removed after the molding.

#4 Unzip the zipper and place each half on each side of the brace.

Overstretch the brace before closing the zipper.

#5 Place your patient in the desired position and wait for the brace to harden. To avoid the rippling of the zipper, keep a tension on the top end of the zipper, or on both ends.

If the brace is too big or to long, remove the zipper and cut the excess material then repeat this step.

#6 Once hardened, you can replace the zipper with the velcro straps. Keep the zipper for future remoldings.

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RECOMMENDATIONS/PRECAUTIONS

- Turtlebrace orthotics intended uses are for trauma cases or re-adaptation protocols where immobilization of a specific part of the body is needed.
- Molding should be done only by a health professional, or somebody trained in bracing, casting, or similar medical devices.
- This is a single patient use, it cannot be transferred, even if it had been washed thoroughly.
- Do not use a heat gun as it may burn the brace.
- Do not drape the brace if it is too hot to avoid skin burns or discomfort.
- It is recommended to check the blood circulation often. If the brace becomes too tight, advise the client to unzip, loosen, or remove if possible, the brace and call their health professional.
- It is recommended to check the skin often. If the skin shows signs of maceration, irritation (redness), rashes, or other skin problems, advise the client to remove the brace (if possible) and immediately call their health professional.
- Do not heat the brace over 108°C (225°F), because the fabric or/and the zipper could burn or melt.
- Any serious incident that has occurred in relation to the brace should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

DISPOSAL

Turtlebrace can be disposed of with regular waste. There is no specific disposal recommondation.

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