## Pre-fabricated Knee Extension Brace

How to measure for a Pre-fabricated Knee Brace:

1. Position leg in maximum extension.
2. A circumference measurement should be taken around the leg at each level.

Level $\mathbf{A}$ - is located 9.5 inches ( 25 cm ) above joint center.
Level B - is located at the joint center.
Level C - is located 9.5 inches ( 25 cm ) below joint center.

## Pre-fabricated Elbow Extension Brace

How to measure for a Pre-fabricated Elbow Brace:

1. Facing the patient, position the elbow in maximum extension and the wrist in neutral pronation/supination. See diagram to check proper positioning for measurement.
2. A circumference measurement should be taken around the arm at each level.

Level A - is located 7 inches ( 17.8 cm ) above joint center.
Level B - is located at the joint center.
Level C - is located 7 inches ( 17.8 cm ) below joint center.

## Pre-fabricated Wrist Extension Brace

How to measure for a Pre-fabricated Wrist Brace

1. See diagram to check proper positioning for measurements.

Level A - Circumference at forearm band/strap location.
Level B - M-L of hand across MP joints.


## Hip Abduction Orthosis

How to measure for a Pre-fabricated Hip Abduction Orthosis:

1. Initial fitter is required to be proficient at bending metal. (BENDING IRONS REQUIRED, NOT INCLUDED)
2. Measure thigh circumference at levels " $A$ " and " $B$ " to determine size for thigh assembly.
3. Measure waist circumference. This product will fit a patient with a waist circumference up to 65 inches.

| Measurement for Pre-fabricated Knee Extension Brace |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Circumference |  |  |
|  |  | Inches | Centimeters |
| Small | A | 12.75-16.5 | 32.4-41.9 |
|  | B | 11.75-14.5 | 29.8-36.9 |
|  | C | 8-11.75 | 20.3-29.8 |
| Medium | A | 18-21 | 45.7-53.3 |
|  | B | 15-17 | 38.1-43.2 |
|  | C | 9.5-12.5 | 24.1-31.8 |
| Large | A | 21-24 | 53.3-61 |
|  | B | 17-20 | 43.2-50.8 |
|  | C | 12.75-16.5 | 32.4-41.9 |



Measurement for Pre-fabricated Elbow Extension Brace

| Small | Inches |  | Centimeters |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | circumference |  | circumference |
|  | A | $8-11.75$ | A | $20.3-29.8$ |
|  | B | $8-11.75$ | B | $20.3-29.8$ |
|  | C | $5.75-8$ | C | $14.6-20.3$ |
| Large | A | $10.25-14.25$ | A | $26-36.2$ |
|  | B | $10.25-14.25$ | B | $26-36.2$ |
|  | C | $6.75-10.5$ | C | $17.1-26.7$ |
|  | A | $12.75-16.5$ | A | $32.4-41.9$ |
|  | B | $12.75-16.5$ | B | $32.4-41.9$ |
|  | C | $8-11.75$ | C | $20.3-29.8$ |



| SMALL |  | Circumference | Diameter (M-L) |
| :---: | :---: | :---: | :---: |
|  | LEVELA | $61 / 2^{\prime \prime}-9 "$ |  |
|  | Level b |  | $21 / 2^{\prime \prime}-31 / 4 "$ |


| MEDIUM | LeVELA $9 "-11 "$  <br>  LeVEl  | $31 / 4 "-41 / 4 "$ |
| :--- | :--- | :--- | :--- |


| Thigh Assembly Sizing Chart |  |  |
| :---: | :---: | :---: |
| Size | Prozimal (A) | Distal (B) |
| Small | $15^{\prime \prime}-22^{\prime \prime}$ | $13^{\prime \prime}-19^{\prime \prime}$ |
| Medium | $18^{\prime \prime}-25^{\prime \prime}$ | $15^{\prime \prime}-21^{\prime \prime}$ |
| Large | $21^{\prime \prime}-27^{\prime \prime}$ | $17^{\prime \prime}-23^{\prime \prime}$ |

