

Scanning Protocol

Boston Scoliosis Brace: Scan-to-Fit

For more details, please watch our [instruction video](#) for scanning.

1. Patient should be scanned standing. If the patient has a leg length discrepancy, then you need to add a lift to the short side to level the pelvis.
2. Patient should wear a Boston T-shirt or stockinette.
3. Identify the waist by pulling a length of stockinette or cord around the waist (slightly tight) as show in picture. The stockinette/cord is wrapped around the waist from back to the front then around the legs and tied at the front as shown in picture **a**. The scan is taken with the patients arms as shown in picture **b** or with a support for the arms if available.



4. Put landmarks at **trochanter, asis, waist, lower rib, xyphoid, nipple line and axilla** (mandatory) and any bony areas with prominent self-adhesive markers. Take photos if necessary. If you use a pen to mark the landmarks, please remember to save the file as an obj. file so they can be seen in the CAD program.
5. Take **circumference & M/L** measurements of the patient at the landmarks mentioned above. If you you want to be extra accurate, please add A/P measurement.

6. Scan the patient. Ensure that the entire torso is captured in the scan, from the shoulder to below the trochanter area. Remove unwanted parts and debris from the scan and save the file together with with the order. E-mail the file and order to our customer service:

customerservice@allarduk.co.uk

We accept: .obj .ply .stl .vsrf .cxp .xpr .cln .ssn Vorum Spectra scan files.

Please note:

It is always an advantage if x-rays are attached. If the customer wants us to make the pads and mark the position of the pads we will require a copy of the patients x-rays.

When you fill out our order form, available on our websites, please remember to add all circumference and M/L measurements. All obligatory measurements are marked with an *.

If you wish to order a finished Boston Scan-to-Fit, please remember to include an X-ray of the patient and add length measurements for:

- Waist to Sternal Notch
- Waist to Xiphoid
- Waist to Pubis
- Waist to Spine of Scapula
- Waist to Axilla
- Waist to Inferior Angle
- Waist to Gluteal fold