

Overview

Shoulder Array Coil

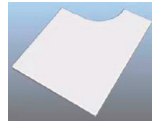


Positioning aids used:

- two large triangle wedges
- sandbag
- two soft straps

Coil specific (see images):

- special head support
- baseplate pad
- shoulder array cushion



Step-by-Step

Positioning the patient:

- Position the special head support above the base plate.
- Position the blue shoulder array cushion into the shoulder coil cup.
- Position the patient in supine position with the head to the magnet.
- Align the shoulder coil cup on the guide rail so that it adapts to the shape of the patient's shoulder. Assure that the shoulder is as deep as possible in the coil cup.
- Place the two triangle wedges under the upper back on the other side of the patient.
- Use a sandbag to stabilize the hand and lower arm and fix it with soft straps (1).
- Align the laser light localizer with the center marking of the coil (2).
- Start the measurement.



Tips

Tips and Tricks:

- For optimal image quality (less distortions, better fat saturation) with slim patients, the shoulder coil cups should be used with the inside guide rails of the base plate. The outer guide rails should be used only for muscular and adipose patients. To obtain the highest signal-to-noise always try to use the small shoulder coil.
- Use additional straps, belts and sandbags to stabilize the upper arm of the patient if necessary.
- The blue shoulder array cushion should be used every time to avoid direct contact to the coil surface and to obtain best image homogeneity. If not available, use a similar thin surface pad, e.g. the knee coil pad.

Tips and Tricks

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