

Protocol for the manufacture of a custom-made elbow prosthesis

CT of the affected upper limb, including:

- shoulder to the end of the forearm;
- ideally **complete humerus + elbow + proximal ulna + proximal radius** ;
- acquisition with the limb in a reproducible and comfortable position;
- fine cuts from 0.5 to **1 mm** ;
- high-resolution bone reconstruction;
- data provided in **uncompressed DICOM format**.
- retain original DICOM data;
- avoid metal artifacts if the patient already has equipment;
- include enough healthy humerus proximally to allow for stem design and sizing.

Radiography

- Elbow **face** and profile with the entire humerus as well as the ulna and the entire radius **face** and profile