General rule:

DICOM images with following settings are required:

Reconstruction matrix:	512x512
Slice thickness:	2mm or less
Slice increment:	less than slice thickness
Storage medium:	CD ROM; data transfer via internet (as agreed)

Please scan the entire relevant area, in particular scans should include:
- complete intended resection
- full required anchorage length
- complete visualization of the relevant in situ implants

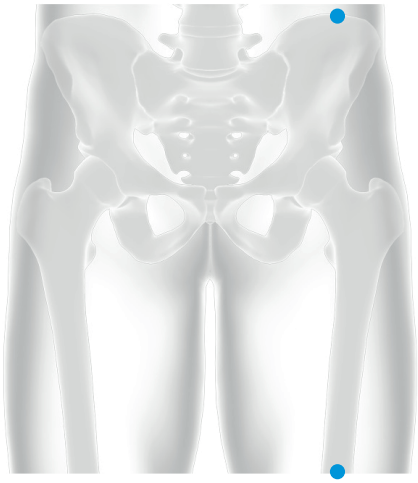
Please take note of the recommendations for each respective area.

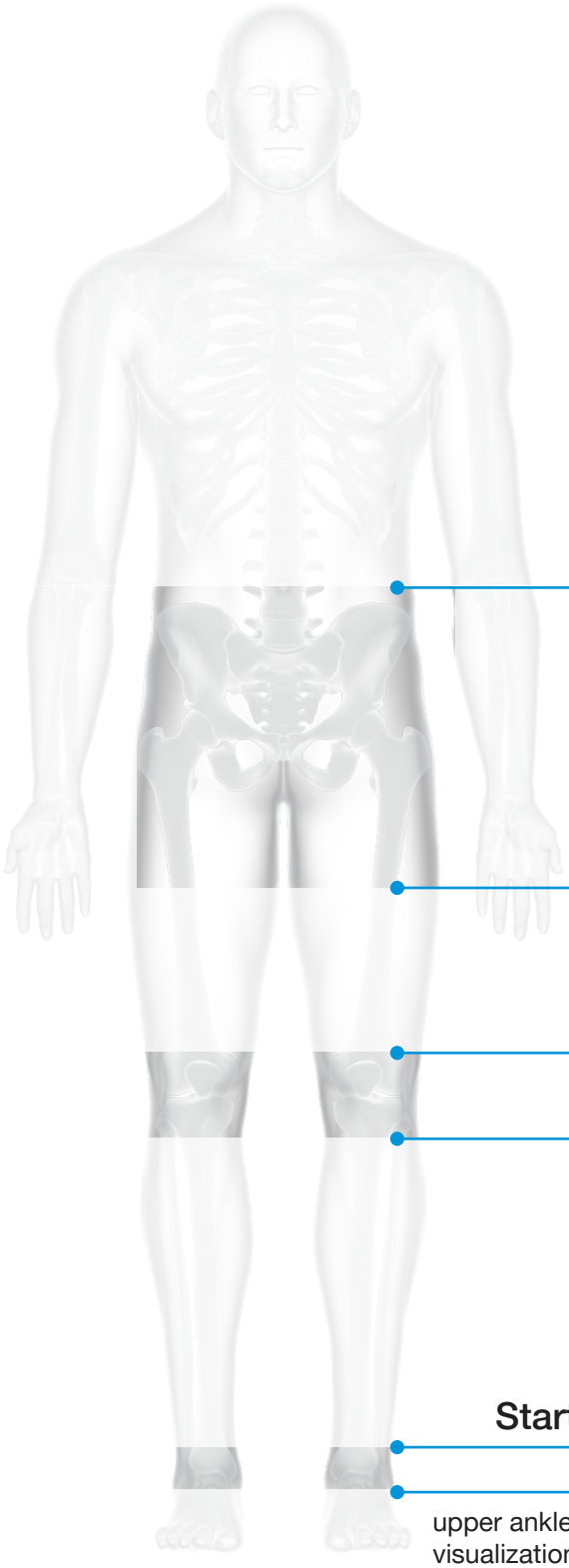
See the following pages for examples:

1. hip / acetabulum replacement
2. acetabulum / pelvis
3. leg / total femoral replacement
4. knee / distal femoral replacement
5. shoulder
6. elbow
7. hand / wrist

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions

1. hip / acetabulum replacement





Start

top of iliac crest

Stop

approx. 150mm distal to minor trochanter

Start

Stop

knee joint with visualization of complete joint line

Start

Stop

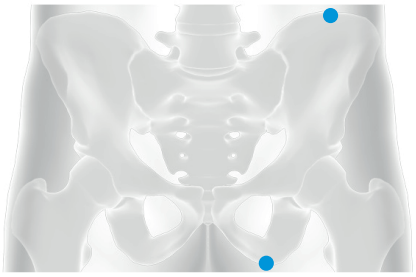
upper ankle joint with visualization of complete joint line

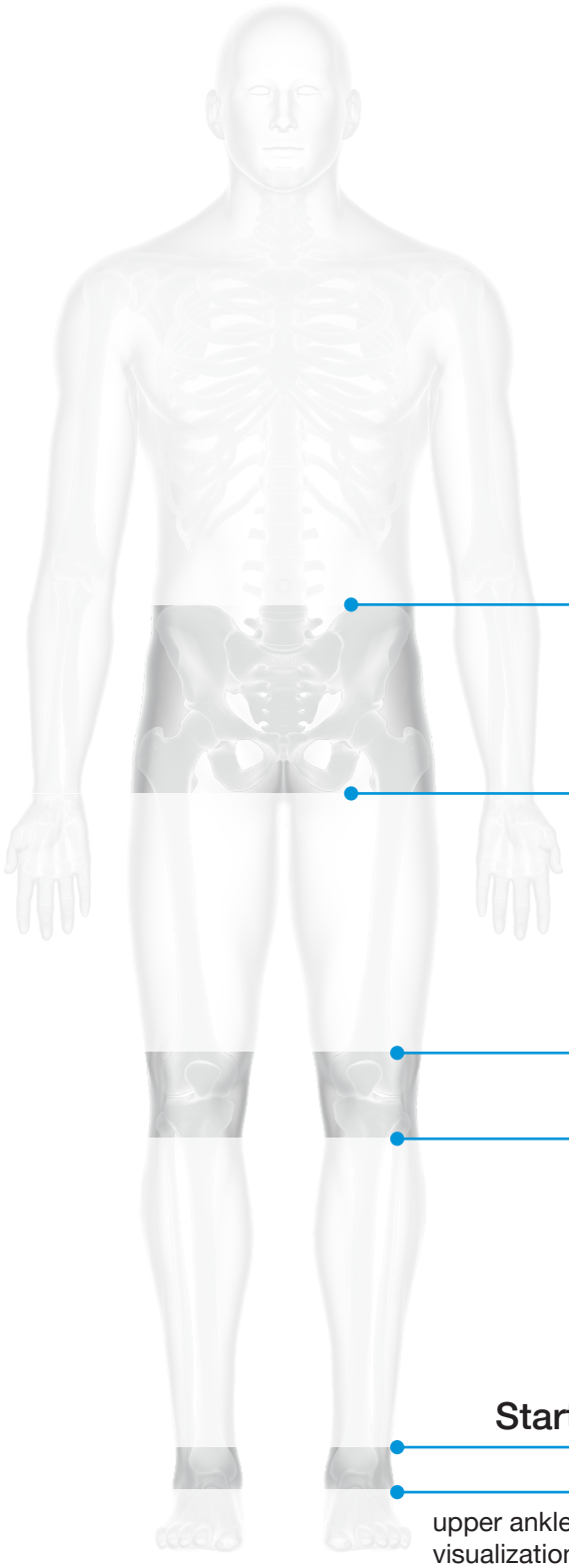
Remark:

1. **Additionally a bilateral topogram of the whole leg in frontal and lateral view is required.**
2. **If necessary, increase the scan area to completely visualize in situ implants.**
3. **Based on many years of experience, it is recommended that the illustrated CT scans should not be older than three months.**

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions

2. acetabulum / pelvis without implantation of a hip stem





Start

top of iliac crest

Stop

just below of ischial tuberosity

Start

Stop

knee joint with visualization of complete joint line

Start

Stop

upper ankle joint with visualization of complete joint line

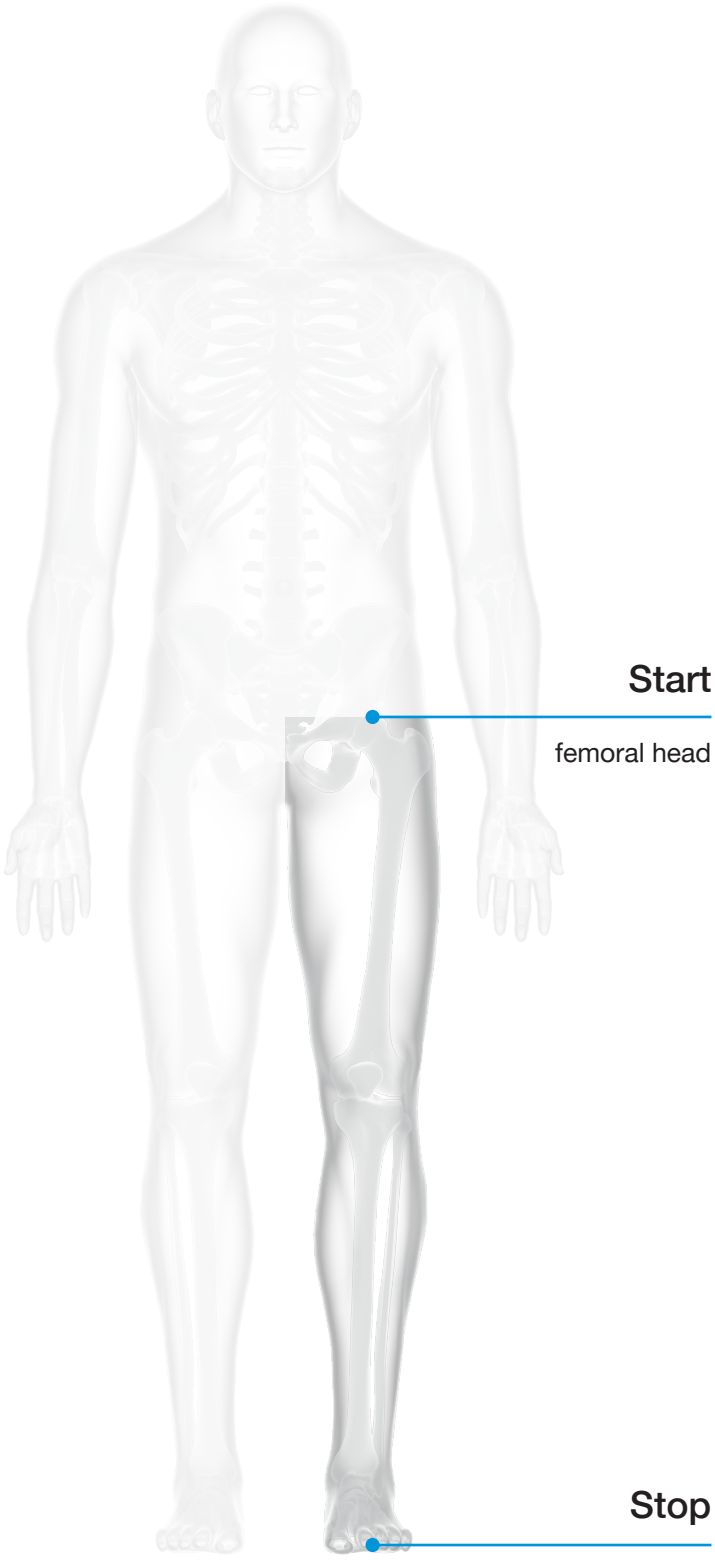
Remark:

1. **Additionally a bilateral topogram of the whole leg in frontal and lateral view is required.**
2. **If necessary, increase the scan area to completely visualize in situ implants.**
3. **Based on many years of experience, it is recommended that the illustrated CT scans should not be older than three months.**

customLINK

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions

3. leg / total femoral replacement



Start

femoral head

Stop

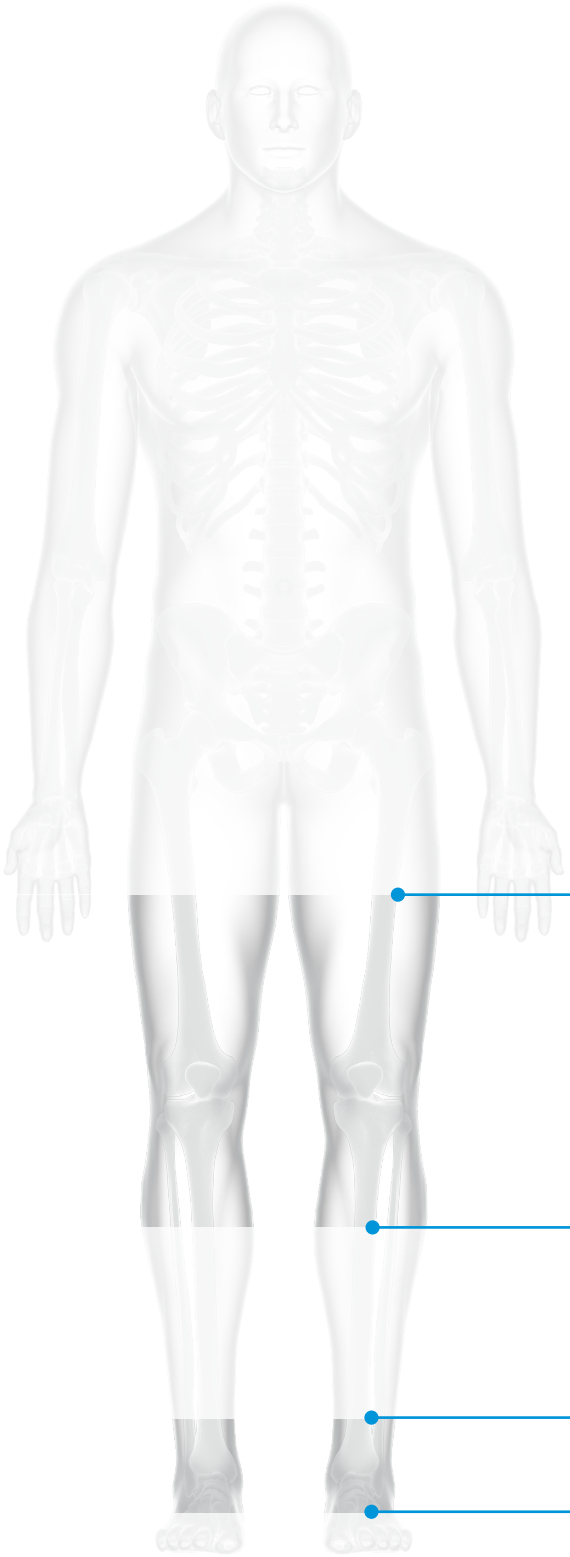
distal to talus

Remark:

1. Additionally a bilateral topogram of the whole leg in frontal and lateral view is required.
2. If necessary, increase the scan area to completely visualize in situ implants.
3. Based on many years of experience, it is recommended that the illustrated CT scans should not be older than three months.

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions

4. knee / distal femoral replacement



Start

approx. 200mm proximal to knee joint line

Stop

approx. 150mm distal to knee joint line

Start

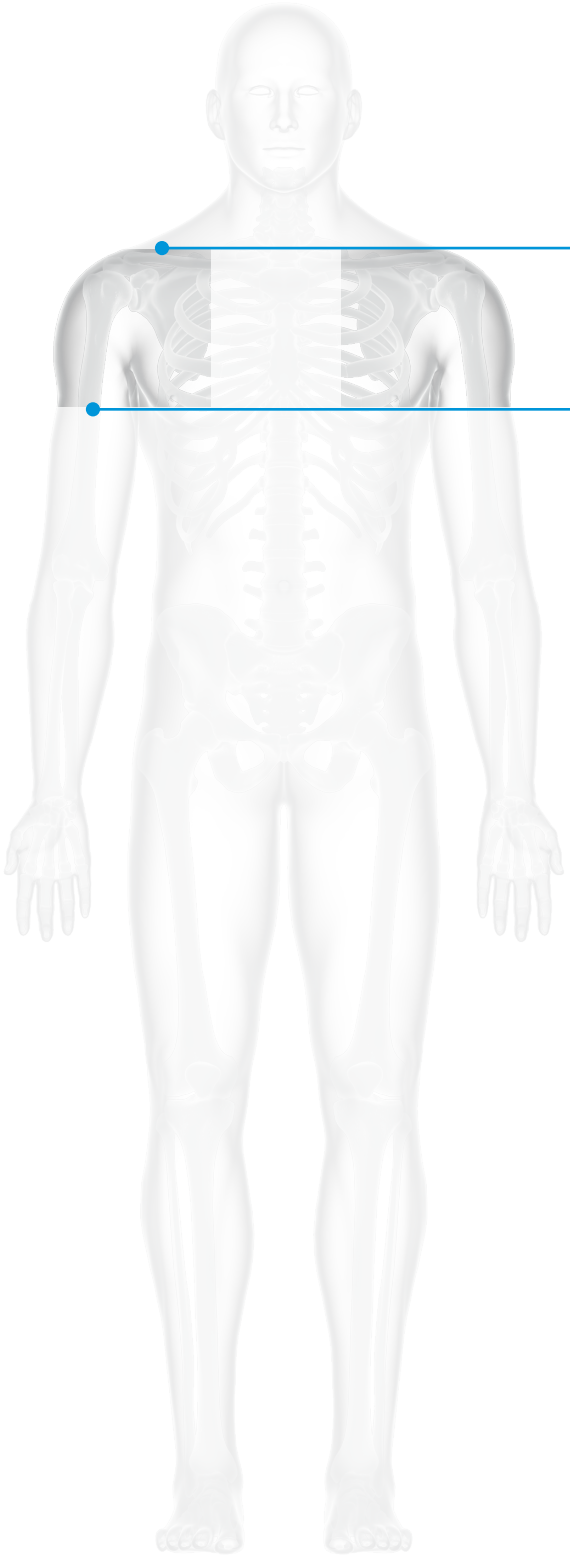
Stop

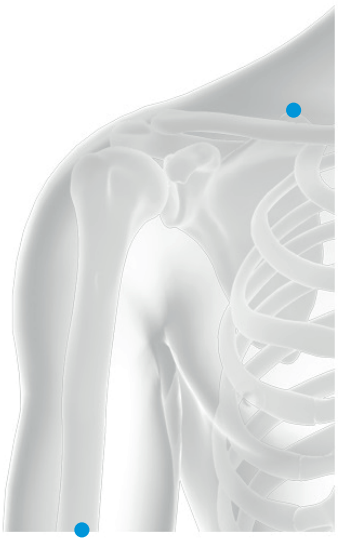
Remark:

1. Additionally a bilateral topogram of the whole leg in frontal and lateral view is required.
2. If necessary, increase the scan area to completely visualize in situ implants.
3. Based on many years of experience, it is recommended that the illustrated CT scans should not be older than one month.

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions

5. shoulder





Start

cranial scapula

Stop

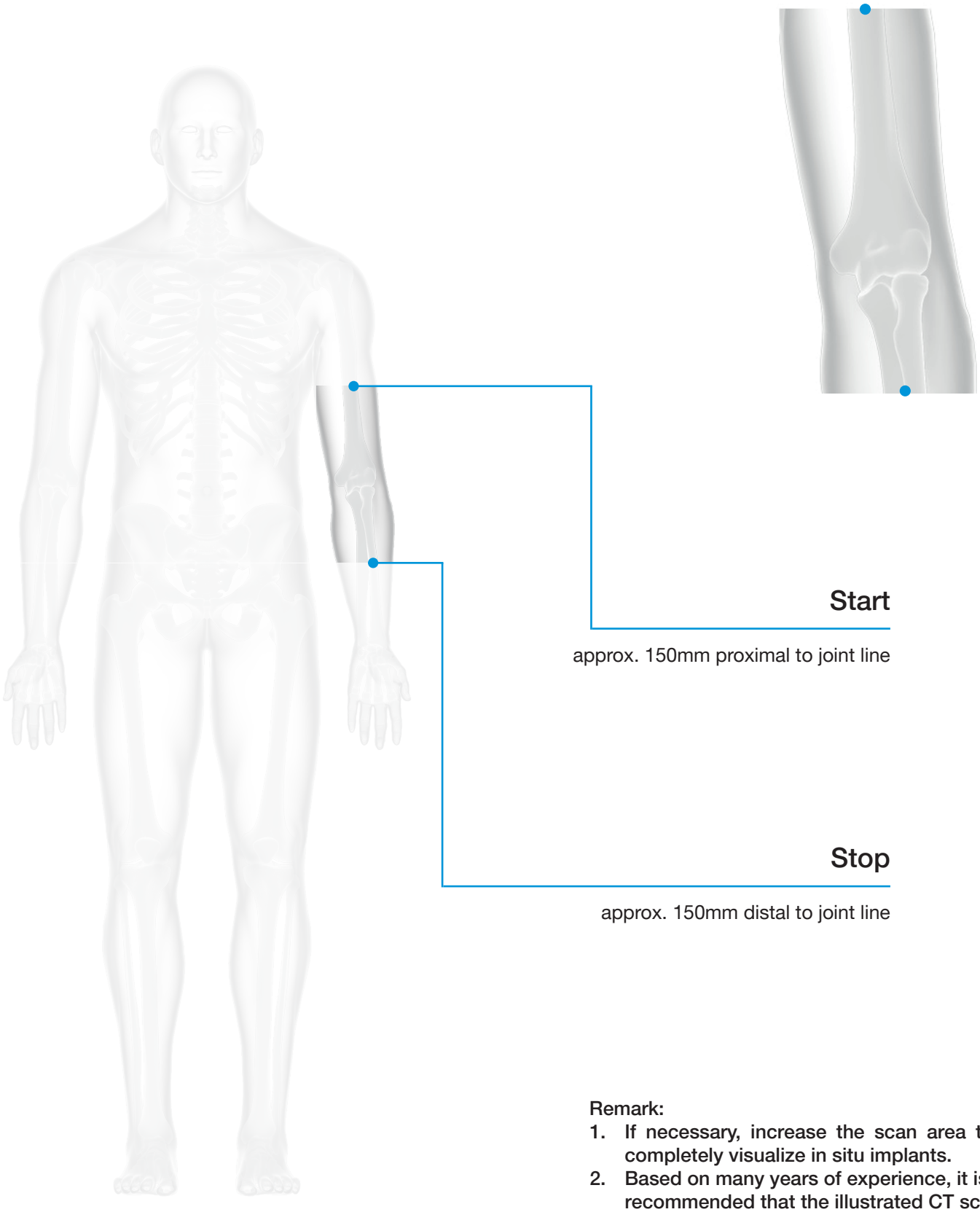
approx. 150mm of proximal humerus

Remark:

1. **Additionally a bilateral topogram of the shoulder-breast-neck area in frontal view is required.**
2. **If necessary, increase the scan area to completely visualize in situ implants.**
3. **Based on many years of experience, it is recommended that the illustrated CT scans should not be older than three months.**

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions

6. elbow



Start

approx. 150mm proximal to joint line

Stop

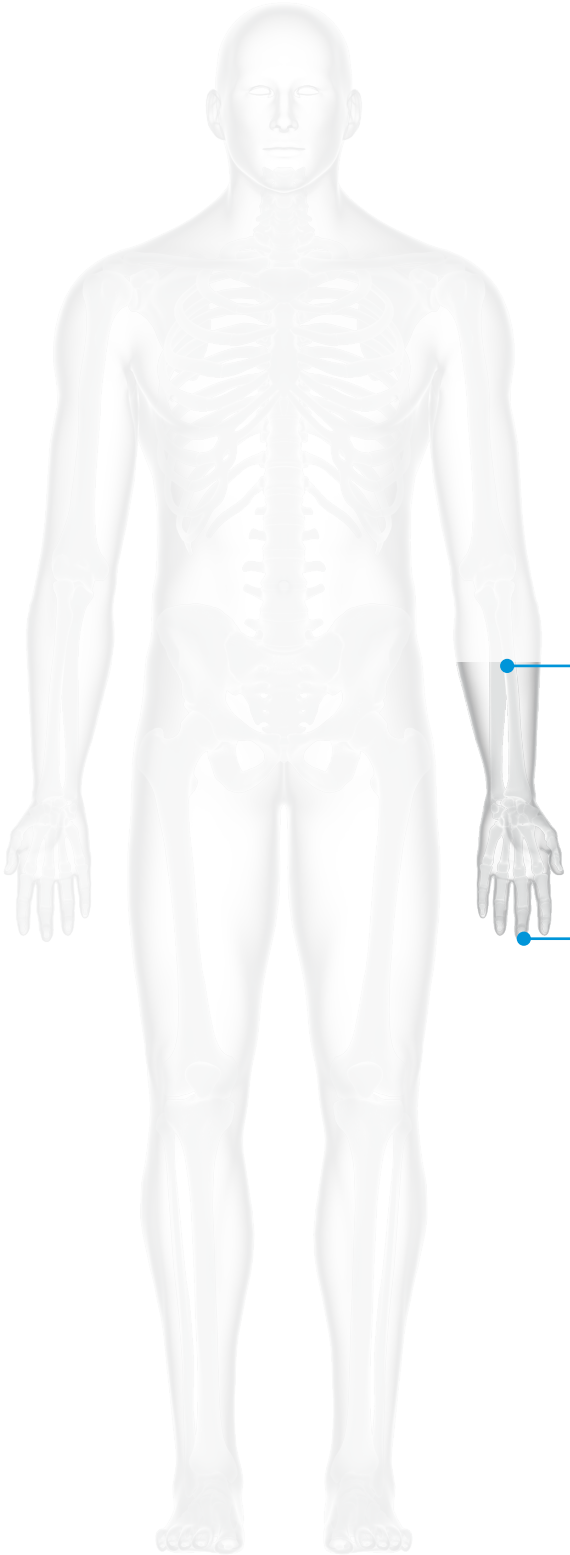
approx. 150mm distal to joint line

Remark:

1. If necessary, increase the scan area to completely visualize in situ implants.
2. Based on many years of experience, it is recommended that the illustrated CT scans should not be older than three months.

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions

7. hand / wrist



Start

approx. 150mm proximal to the carpal bones

Stop

at finger tips

Remark:

1. If necessary, increase the scan area to completely visualize in situ implants.
2. Based on many years of experience, it is recommended that the illustrated CT scans should not be older than three months.

Waldemar Link GmbH & Co. KG
Oststrasse 4-10 · 22844 Norderstedt, Germany
Phone: +49 40 53995-141
customlink@link-ortho.com · www.customlink.solutions