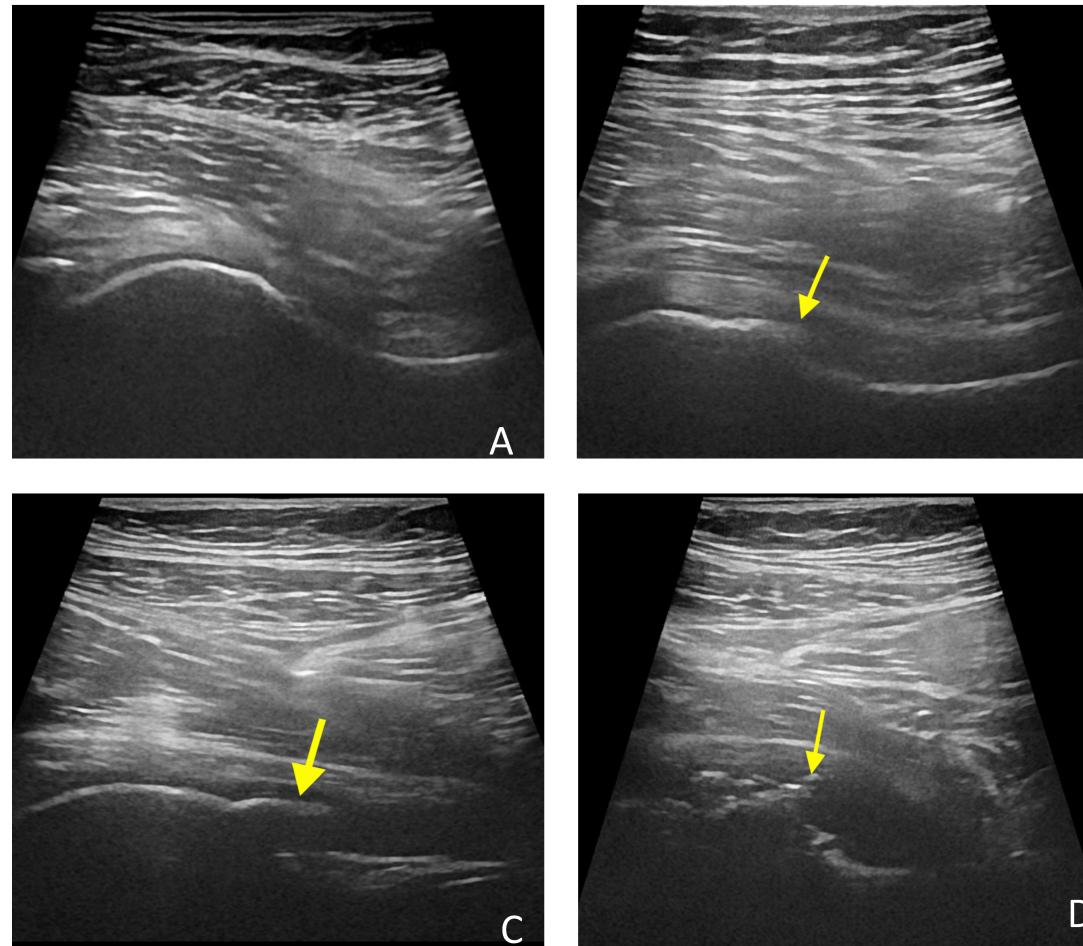


# Supplementary file 2

## Image examples

**Supplementary Figure 1**

Different degrees of osteoarthritis (OA) changes.

All images are longitudinal scans of the anterior hip.

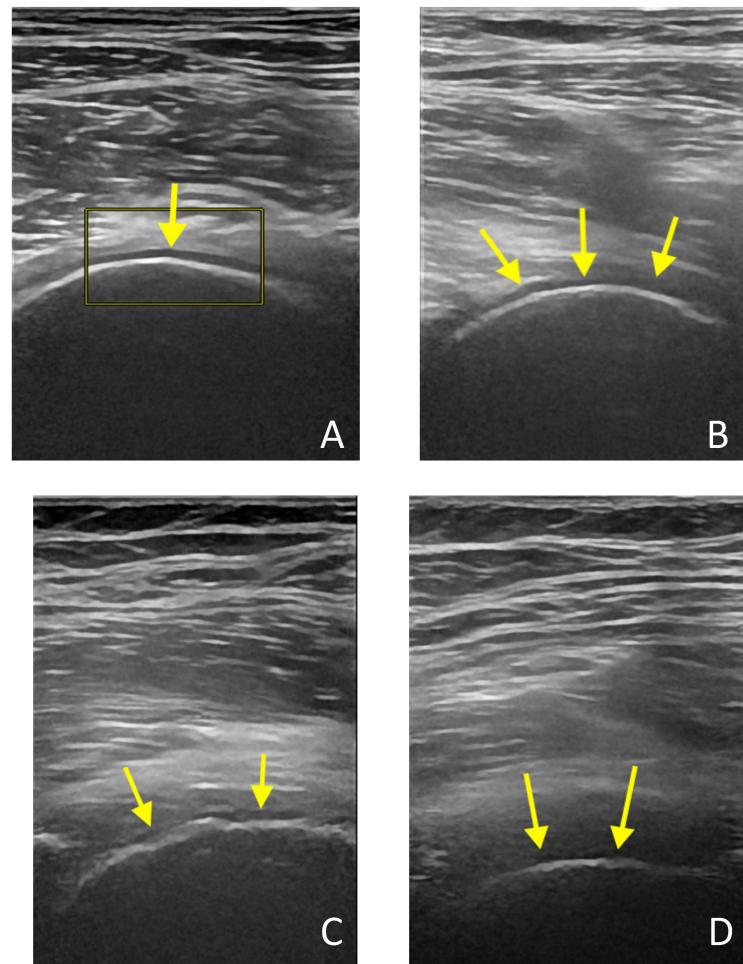
Figure 1A shows **No OA changes**.

Normal shape of femoral caput. Normal cartilage. No osteophytes. No effusion.

Figure 1B shows **Mild OA**: Small osteophyte (arrow). Normal shape of caput.

Figure 1C shows **Moderate OA**: Large osteophyte (arrow) . Normal shape of caput.

Figure 1D shows **Severe OA** Large osteophyte (arrow). Effusion in the hip joint. Severe deformation of caput femoris. The cartilage can't be defined.



**Supplementary Figure 2**  
Cartilage changes. All images are longitudinal scans of the anterior hip.

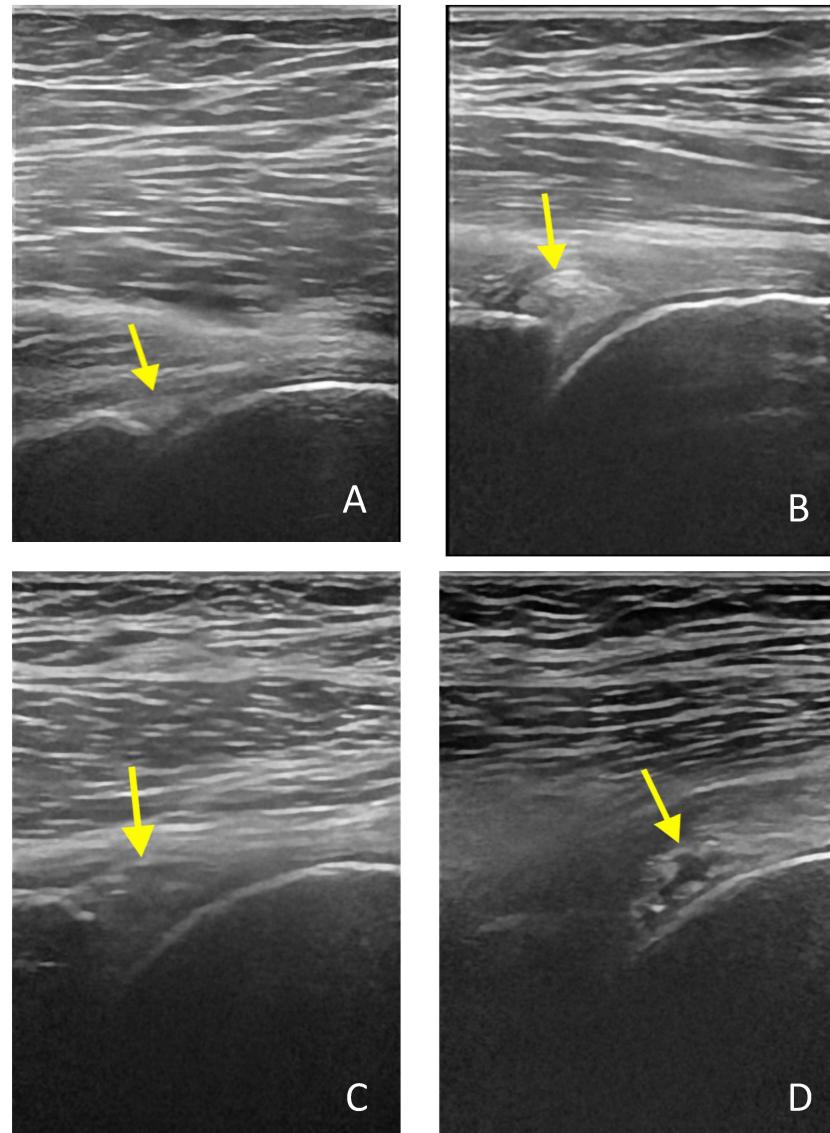
Figure 2A shows **Normal cartilage** (arrow).

Figure 2B shows **Mild cartilage change** (arrows).

Figure 2C shows **Moderate cartilage change** (arrows).

Figure 2D shows **Severe cartilage change** (arrows).

Cartilage can't be defined.



### Supplementary Figure 3

Different degrees of **labral changes** (arrow). All images are longitudinal scans of the anterior hip.

Figure 3A shows **No changes**.

Figure 3B shows **Mild changes**

Figure 3C shows **Moderate changes**.

Figure 3D shows **Severe changes**.