



Reimagine the way you experience MRI

Compact 3T MSK extremity MRI system
Volunteer wrist imaging
September 2024

Images displayed were generated using an MRI system under development and not currently approved for sale as a medical device.



In September 2024, Magnetica conducted volunteer imaging using our prototype musculoskeletal extremity MRI system, under an approved ethics protocol.

Various pulse sequences (including gradient echo and spin echo) and weightings (including T1 and proton density) were used during the scans.

Images were captured in axial, coronal, and sagittal planes.

A series of high-resolution (0.2mm x 0.2mm in plane) images were acquired. Our uniquely designed and manufactured gradients enable the compact MRI system to deliver these compelling results.

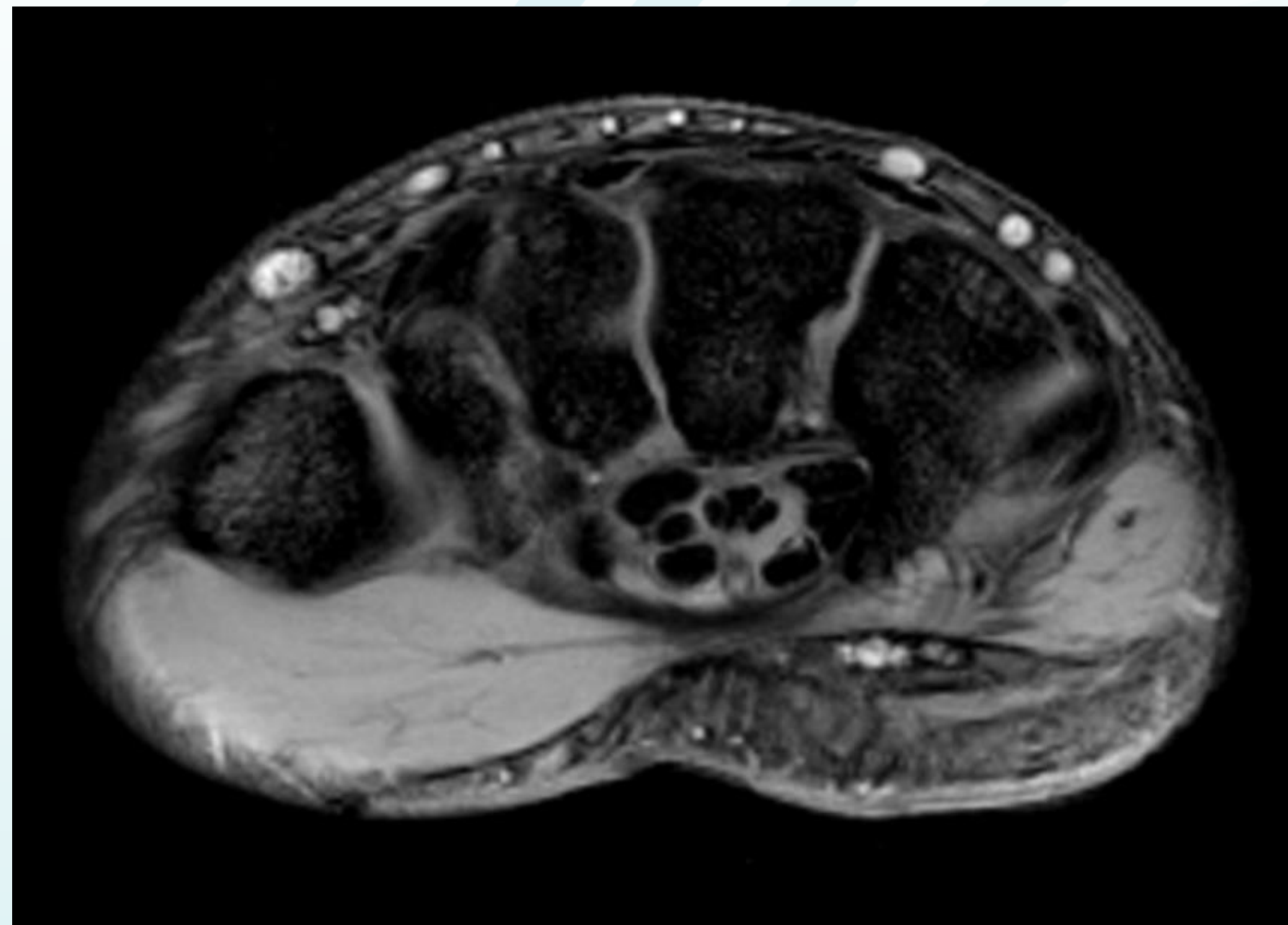
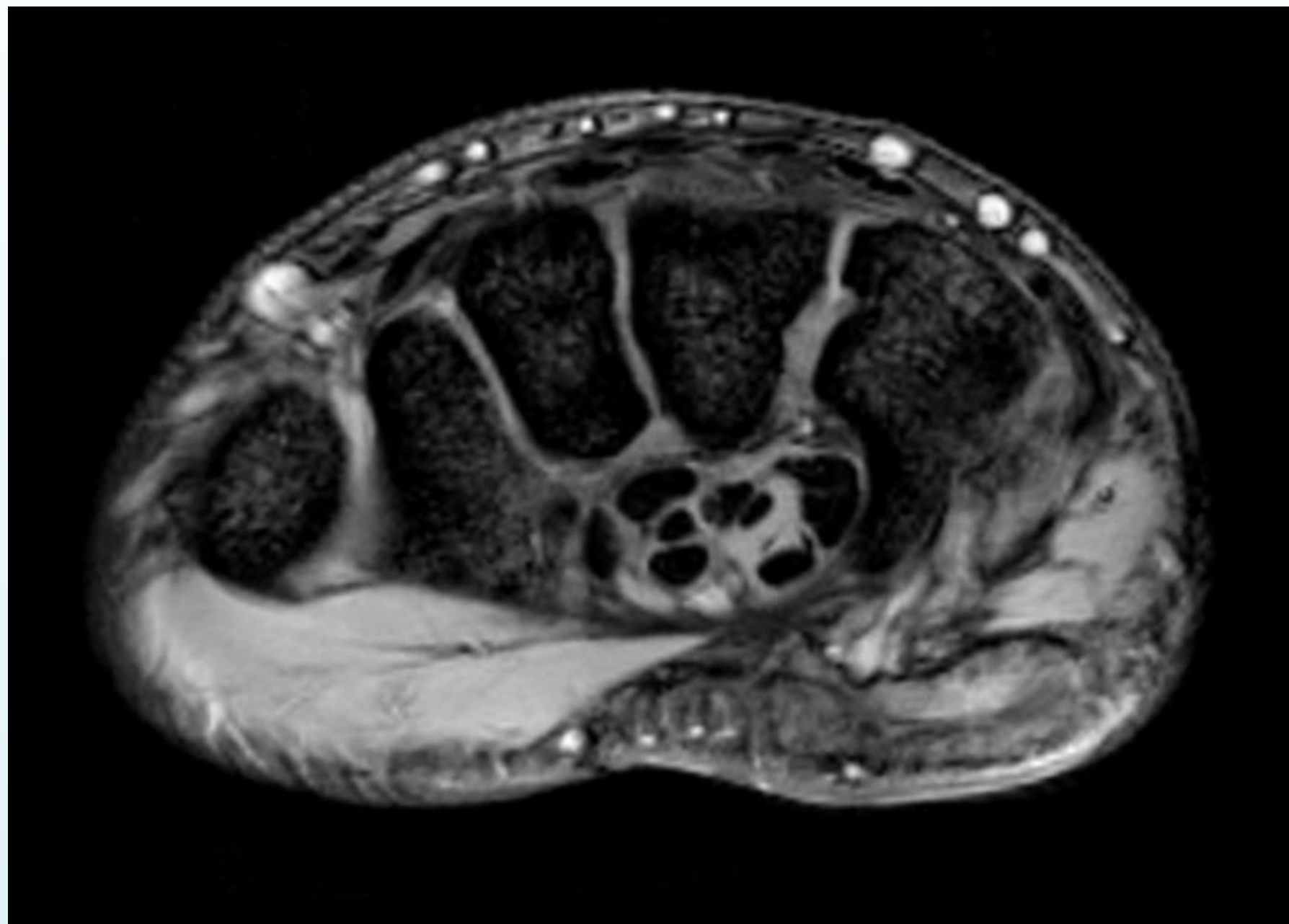
The following slides showcase examples of the high-resolution images captured.



Gradient echo T1 weighted



Gradient echo T1 weighted - **AXIAL**



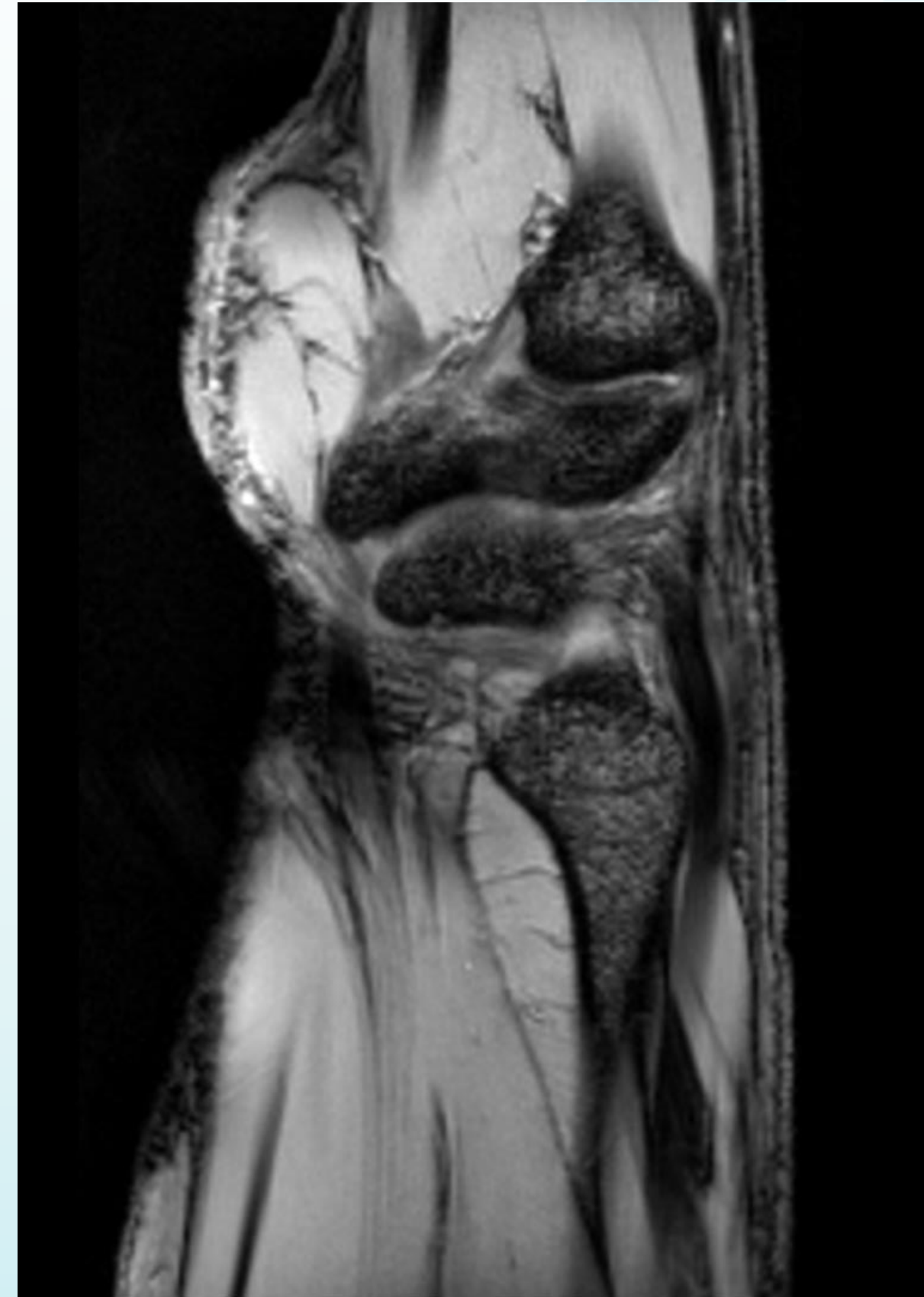
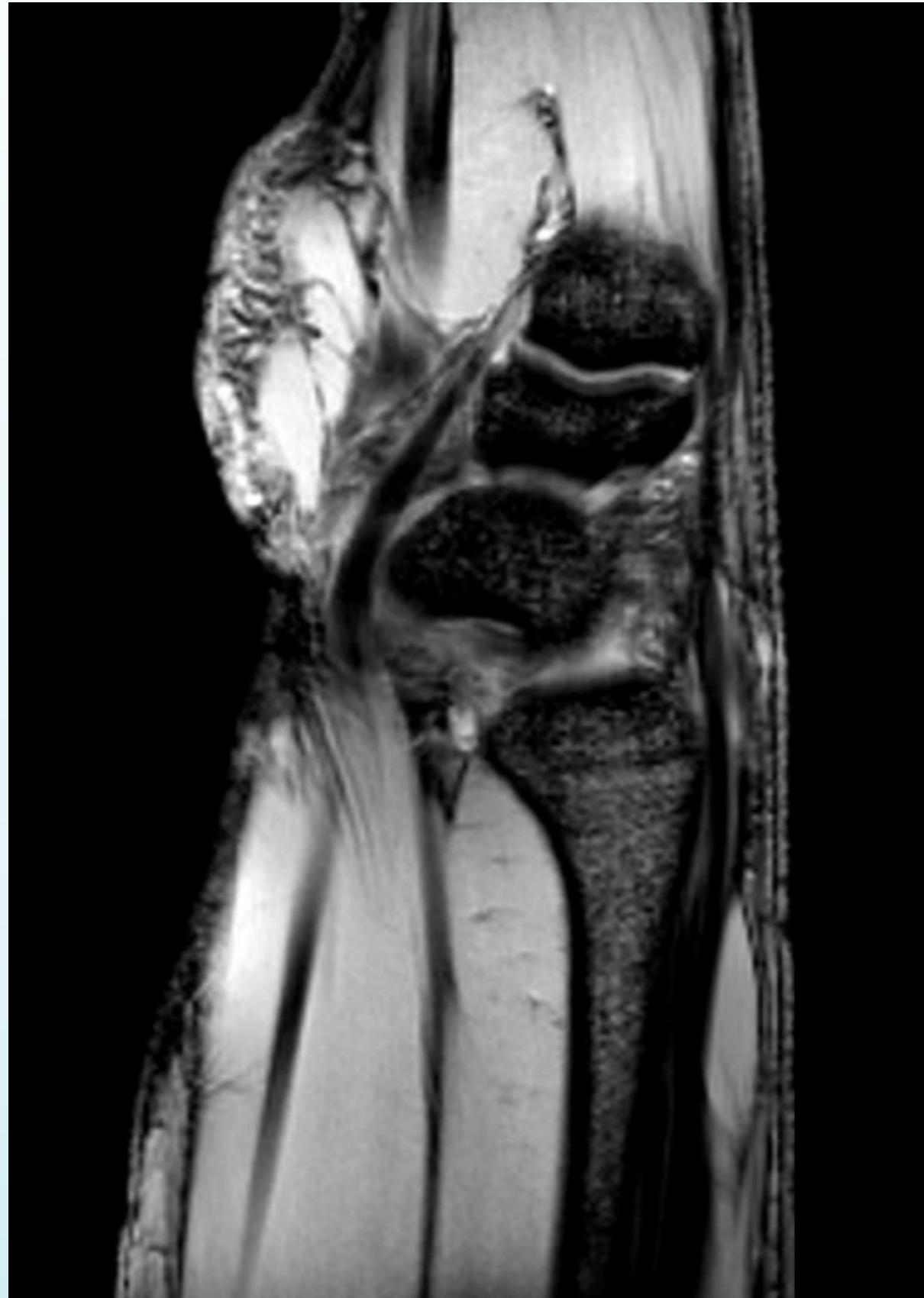
Gradient echo T1 weighted - CORONAL



Gradient echo T1 weighted - CORONAL



Gradient echo T1 weighted - **SAGITTAL**

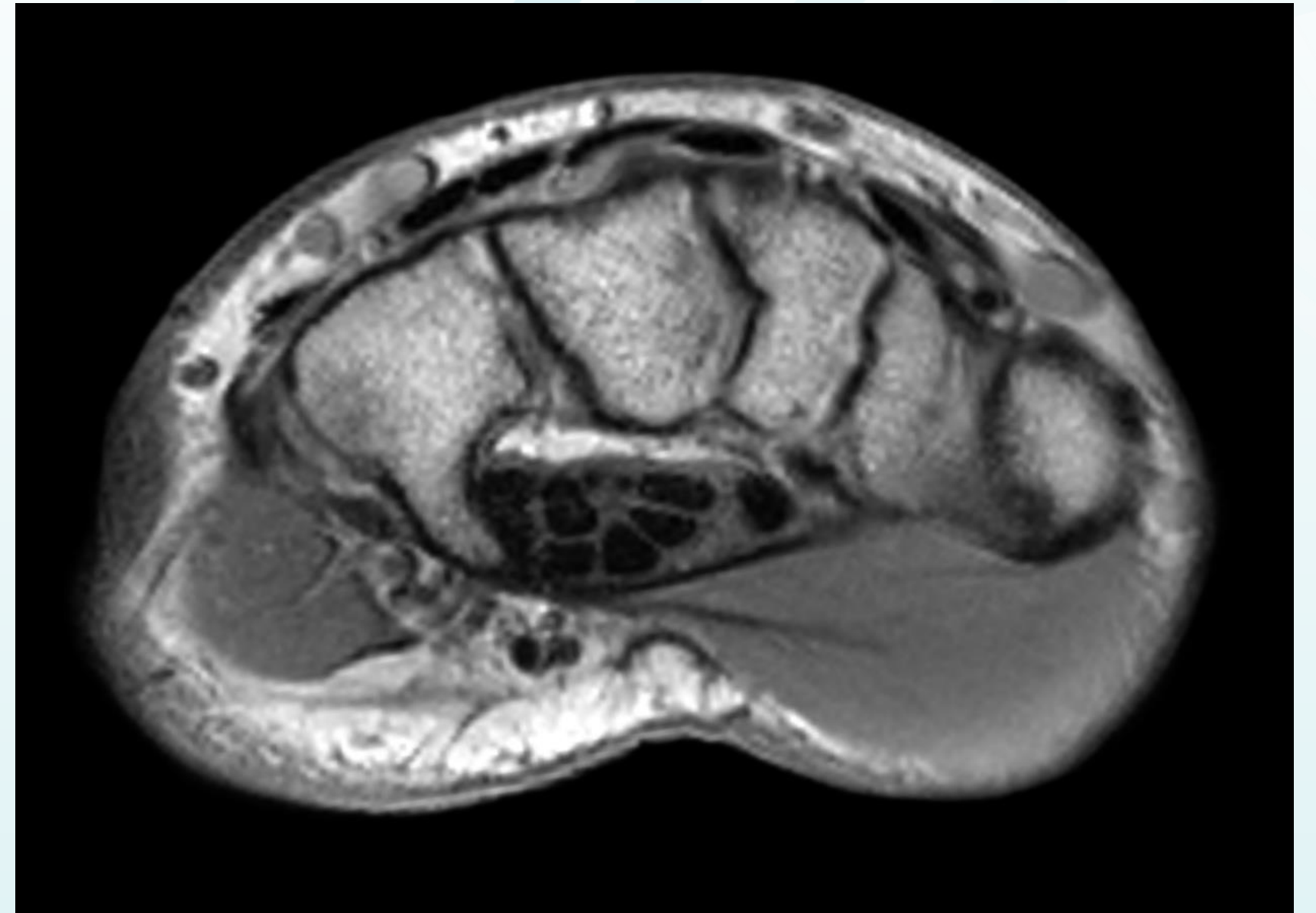
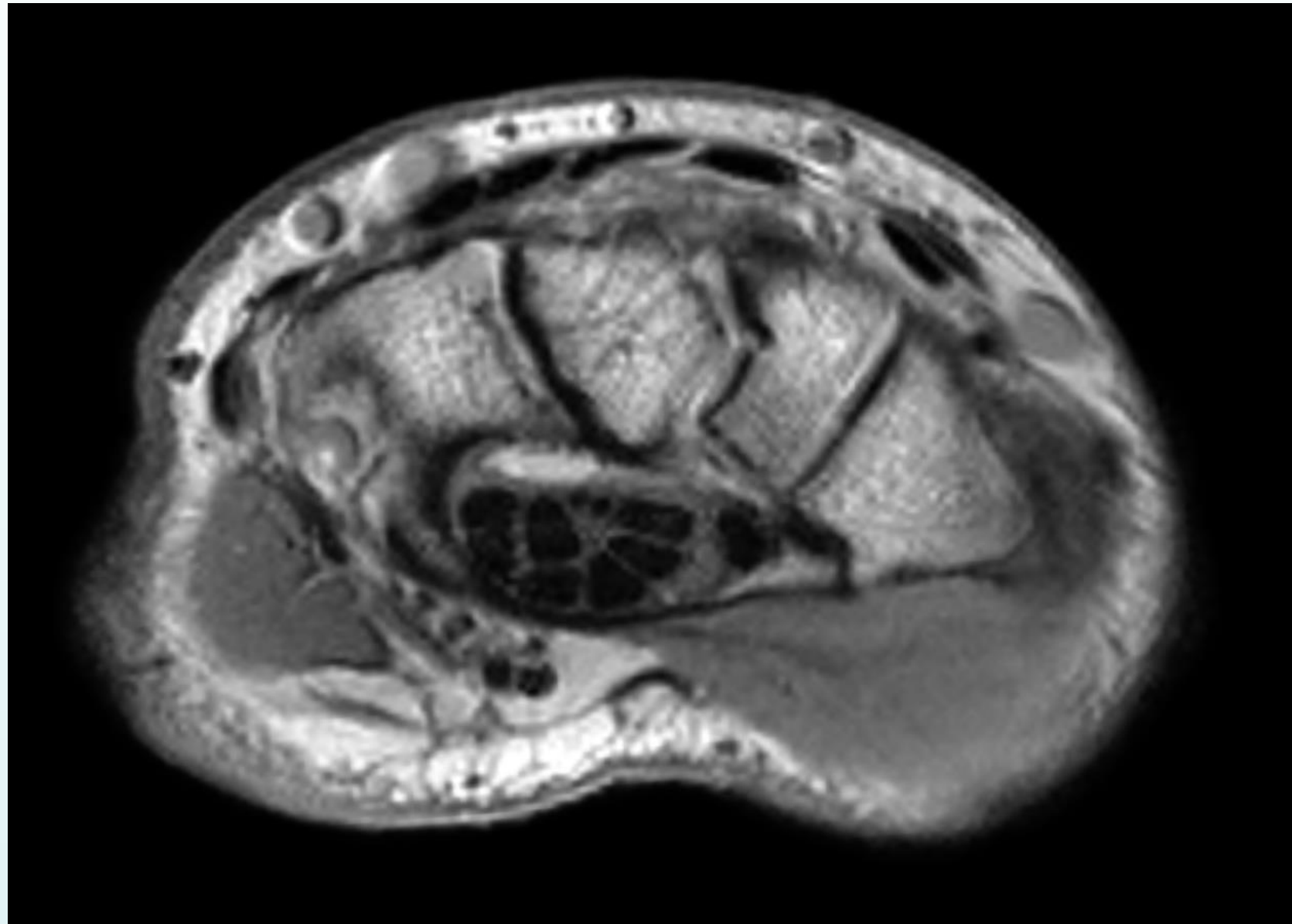


Spin echo

Proton density weighted



Spin echo – Proton density weighted - **AXIAL**

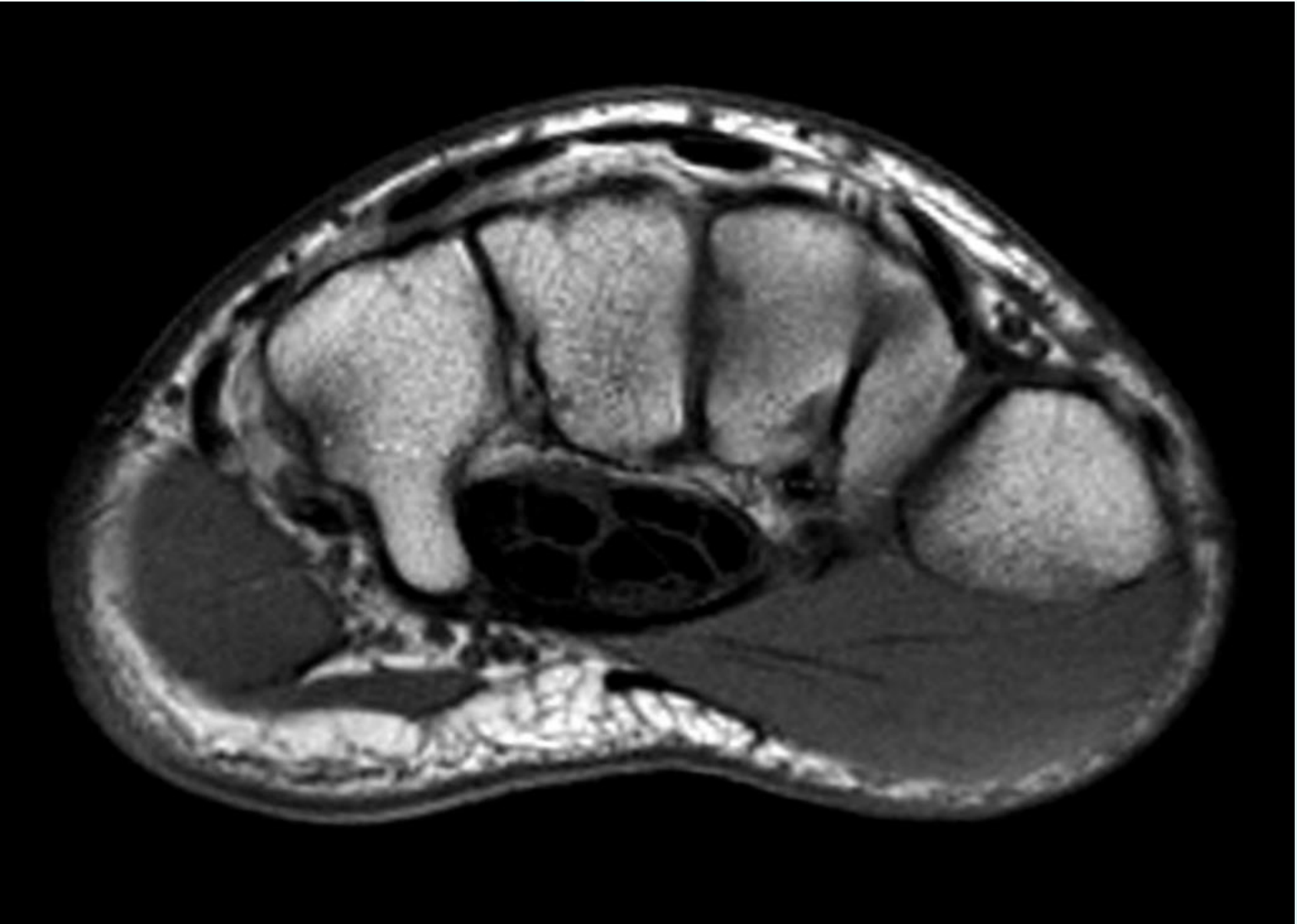
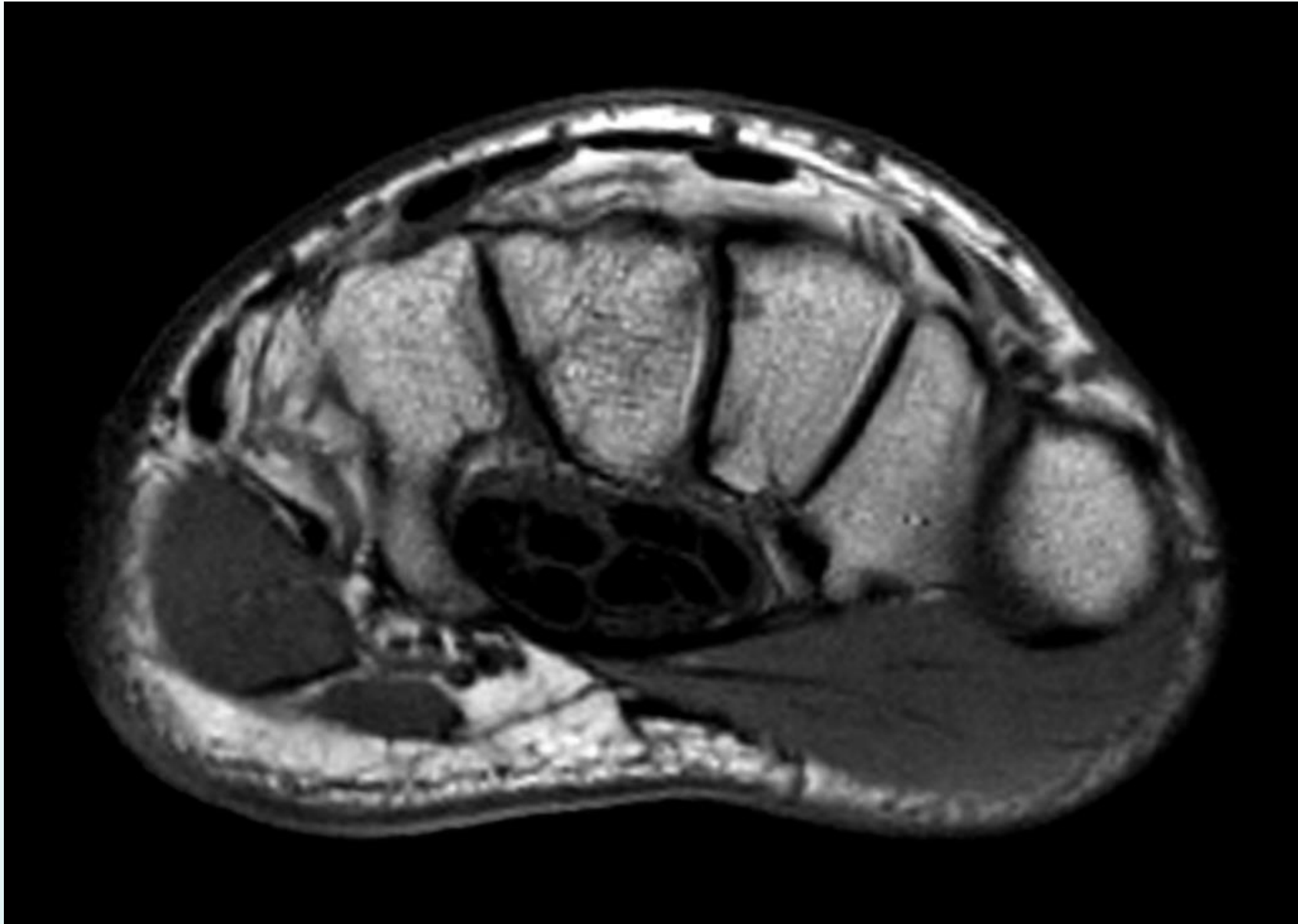


Spin echo

T1 weighted



Spin echo - T1 weighted - **AXIAL**



Spin echo - T1 weighted - **CORONAL**





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