

## **Imaging of internal derangement of various joints with Isotropic turbo-spin echo sequence**

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### **Purpose:**

To present the usefulness of isotropic turbo-spin echo sequences in the diagnosis of internal derangement of various joints by displaying clinical cases

### **Outline of content;**

I will introduce briefly about the history and physics of isotropic turbo-spin echo sequences. I will present clinical multiplanar reformatted images using isotropic turbo-spin echo sequences which nicely disclose various pathologies comparing to conventional sequences.

SHOULDER: rotator cuff lesion, labral lesion

WRIST; TFCC proper lesion, TFCC peripheral lesion, scapholunate ligament lesion

HIP: labral lesion

KNEE: meniscal lesion, ligamentous and tendinous lesion, chondral lesion

ANKLE: ligamentous and tendinous lesion, chondral lesion

### **Summary;**

With this presentation, each of attendee is expected to understand the basic physics and clinical usefulness of isotropic turbo-spin echo sequences.