

GOKnee3D

**Push-button,
high-resolution
3D knee exam in 10 minutes¹**

- Clinically validated, high-resolution 3D isotropic knee exam in **10 minutes¹**
- All essential clinical contrasts with image reading in all planes
- Improve patient throughput and reduce costs per scan

Case 1

Clinical background

30-year-old man with pain, swelling and instability of the right knee following an American football injury.

Findings

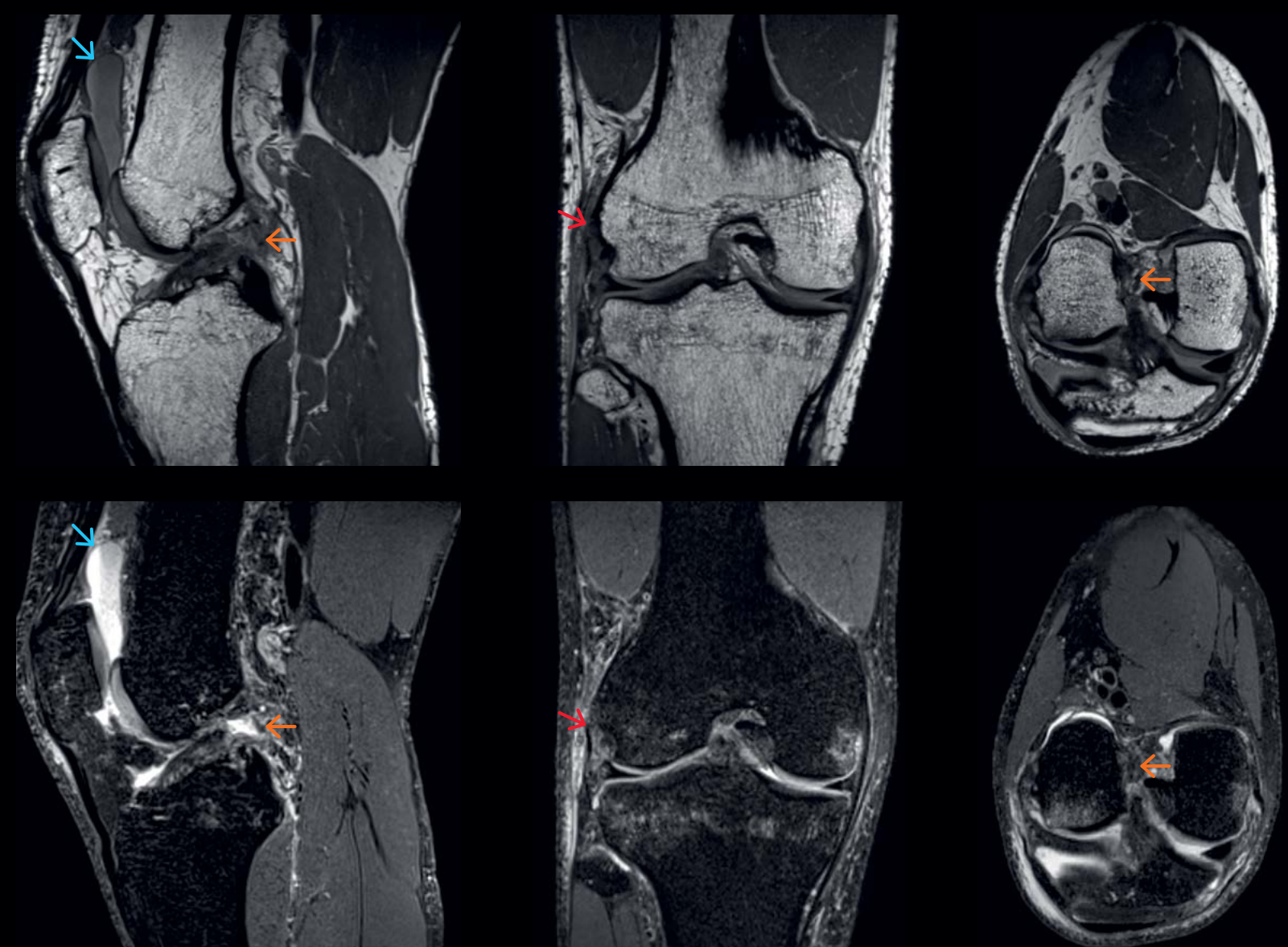
GOKnee3D images and arthroscopic photograph demonstrate:

- Full-thickness discontinuity of anterior cruciate ligament near femoral attachment (orange arrows)
- Joint effusion with fluid-fluid level due to sedimentation of blood products (blue arrows)
- Partial thickness tear of lateral collateral origin (red arrows)
- Bone contusions of femur and tibia



Diagnosis/Prognosis

- Full-thickness tear of the anterior cruciate ligament
- Partial-thickness tear of the lateral collateral ligament
- Bone contusions of the femur and tibia
- Hemorrhagic knee joint effusion



Case 2

Clinical background

14-year-old boy with mild knee pain in rest, reaching moderate to severe intensity with physical activity.

Findings

GOKnee3D images and arthroscopic photograph demonstrate:

- Patella alta alignment
- Hypoplasia of the trochlea
- Full-thickness cartilage defect (orange arrow) of the central patella with subchondral cyst formation and bone marrow edema
- Intact lateral and medial meniscus
- Intact collateral and cruciate ligaments



Diagnosis/Prognosis

- Patella alta, trochlear hypoplasia, and patellar chondromalacia with full-thickness cartilage defect and subchondral cyst formation
- Mild synovitis

