

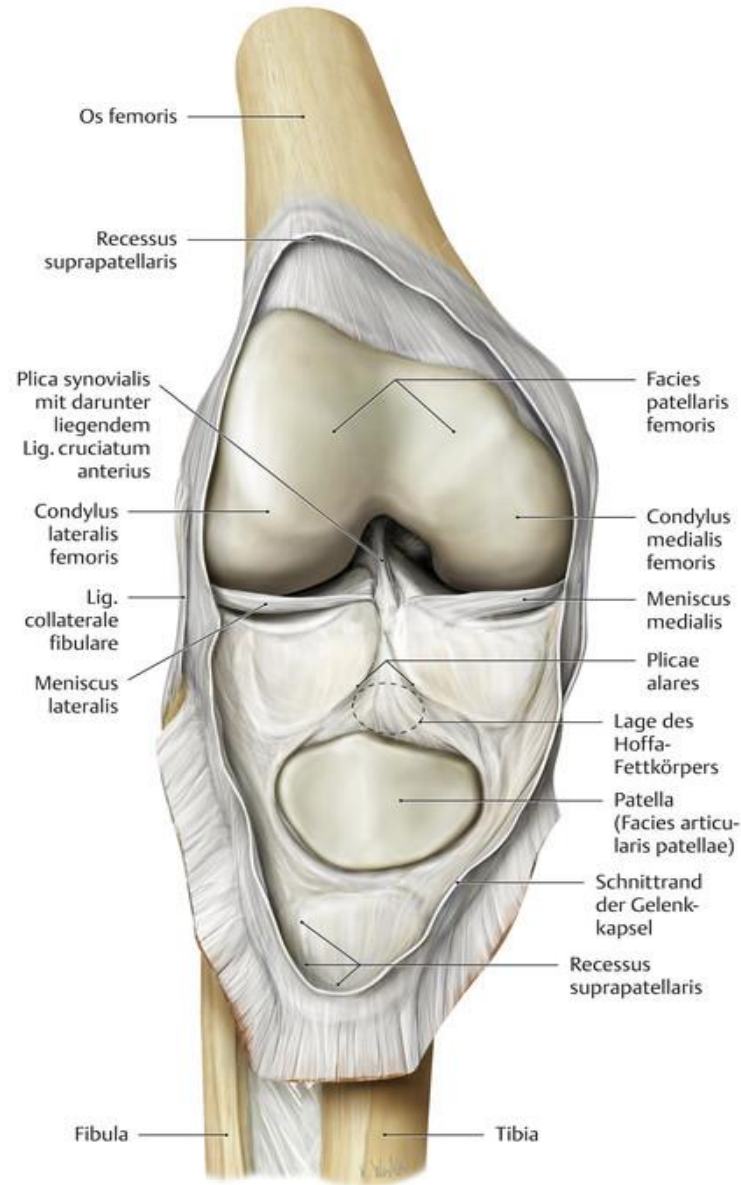


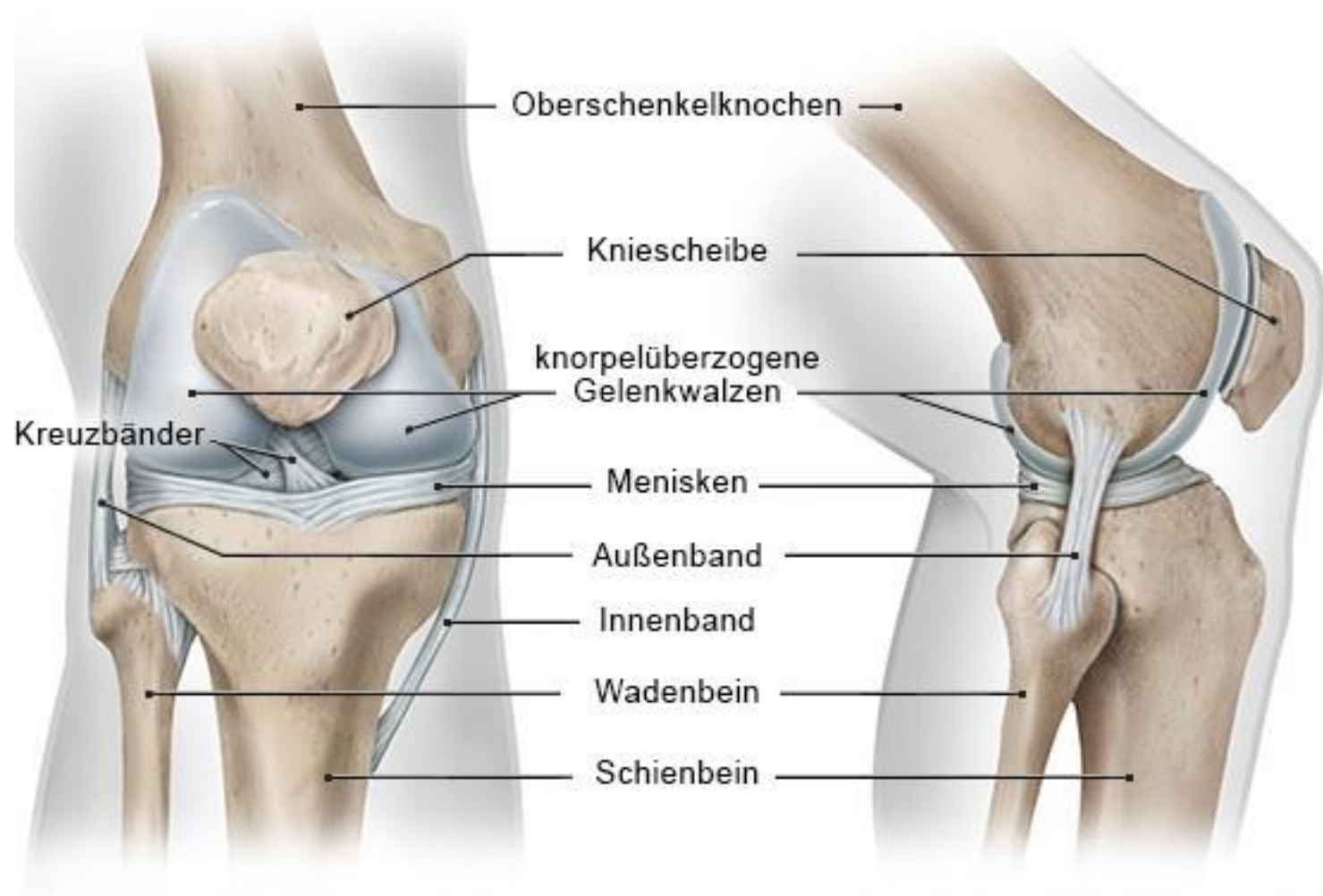
Das Kniegelenk - Fragestellungen

Oliver Block, Oberarzt der Klinik für Unfallchirurgie und Orthopädie, SK Lüneburg

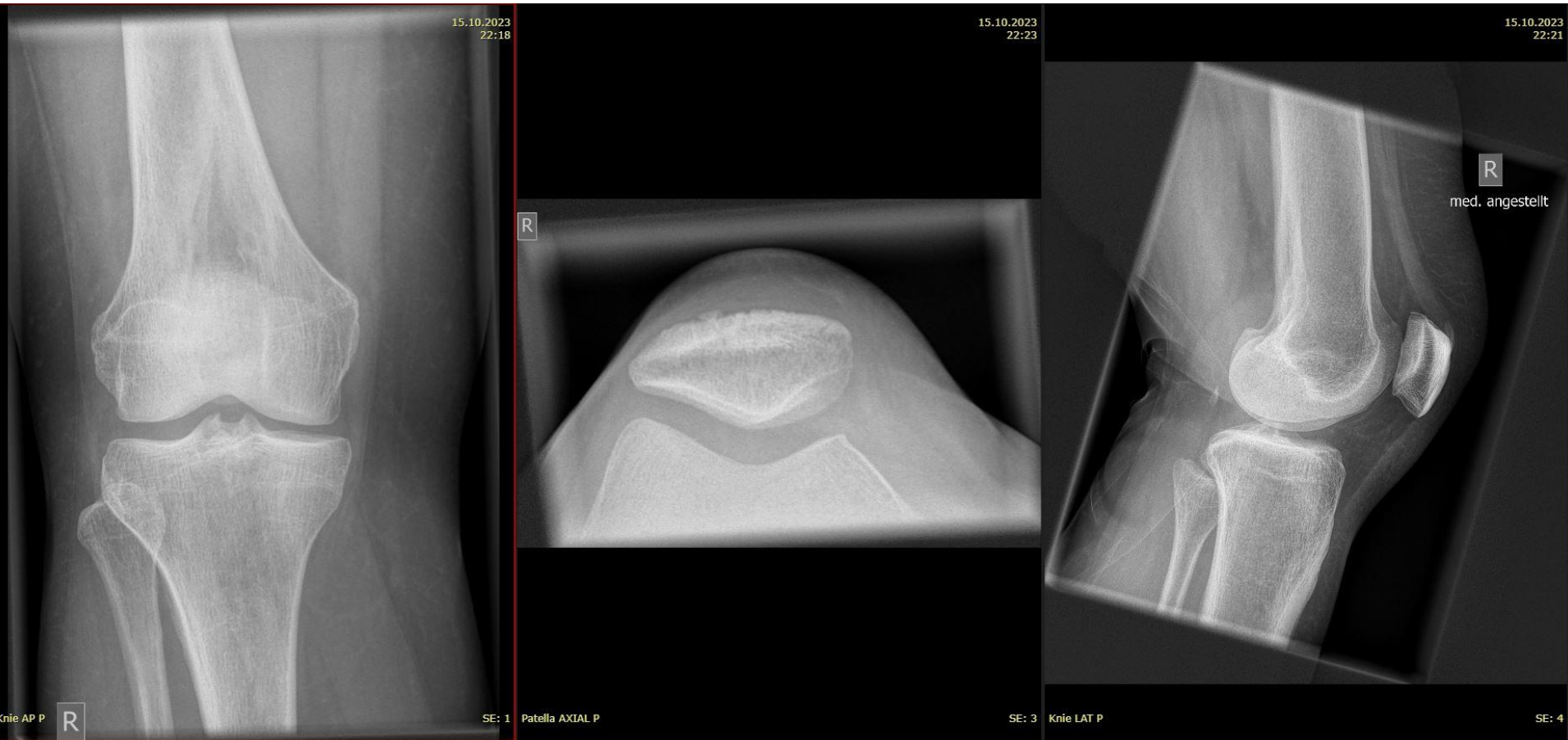


Verletzungen des Kniegelenkes





- Schmerzen nach Verdrehtrauma



- Meniskusrißformen



Normaler Meniskus



Radiärriss



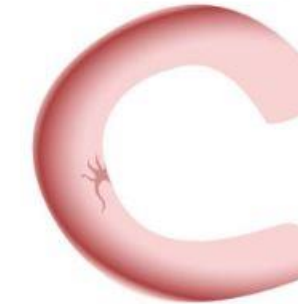
Basisnaher Riss



Lappenriss



Korbhenkelriss

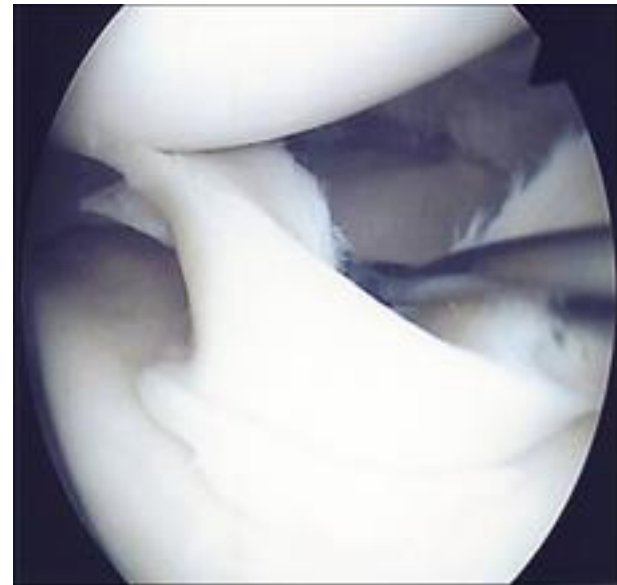
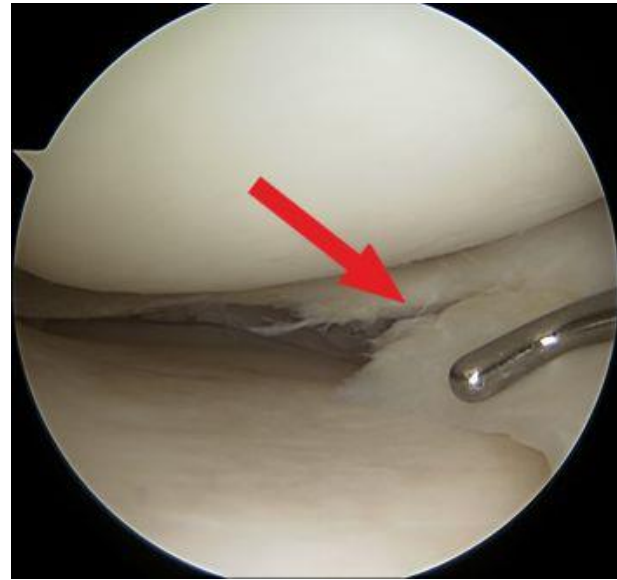


Verschleiß



Horizontalriss

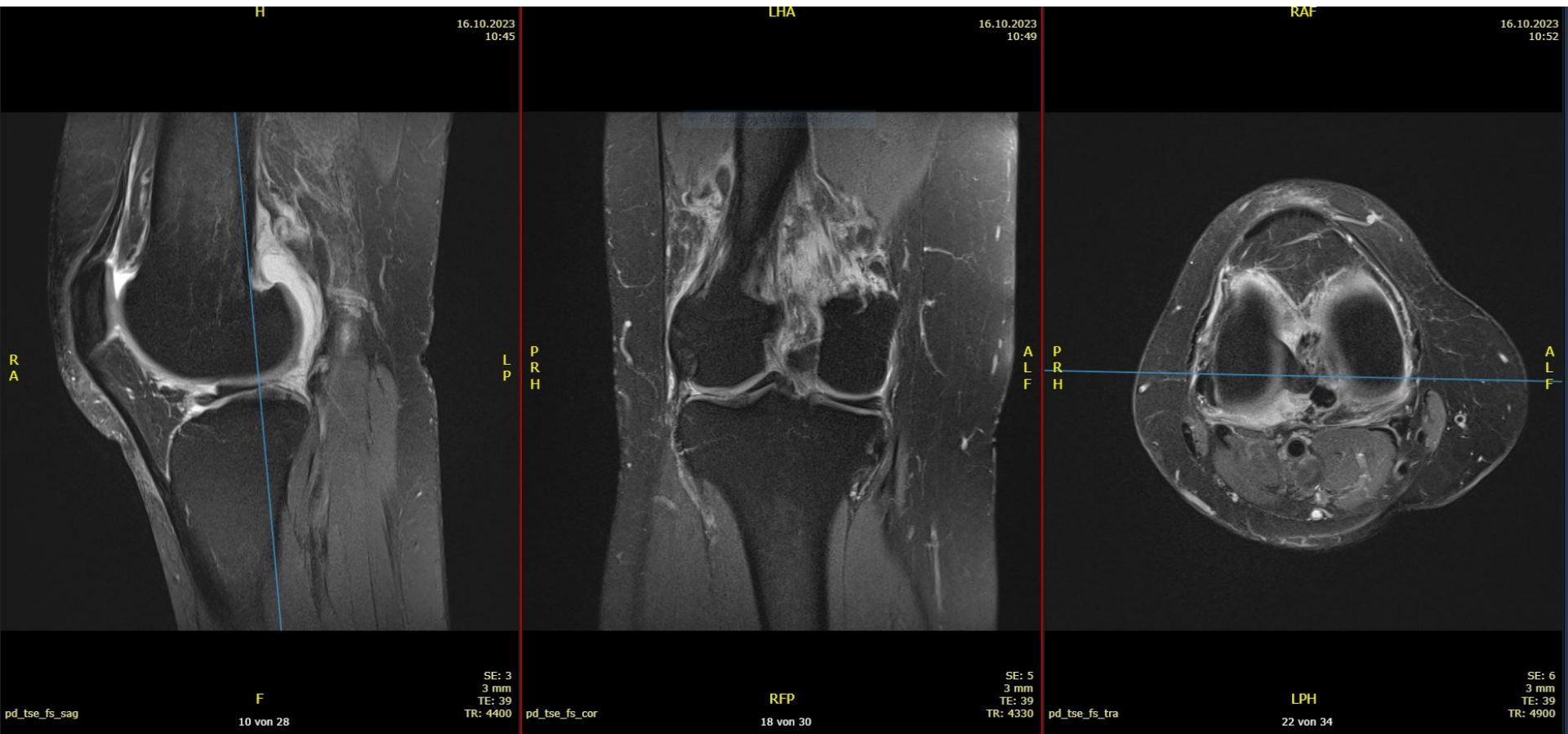
© bilderzweig / Fotolia



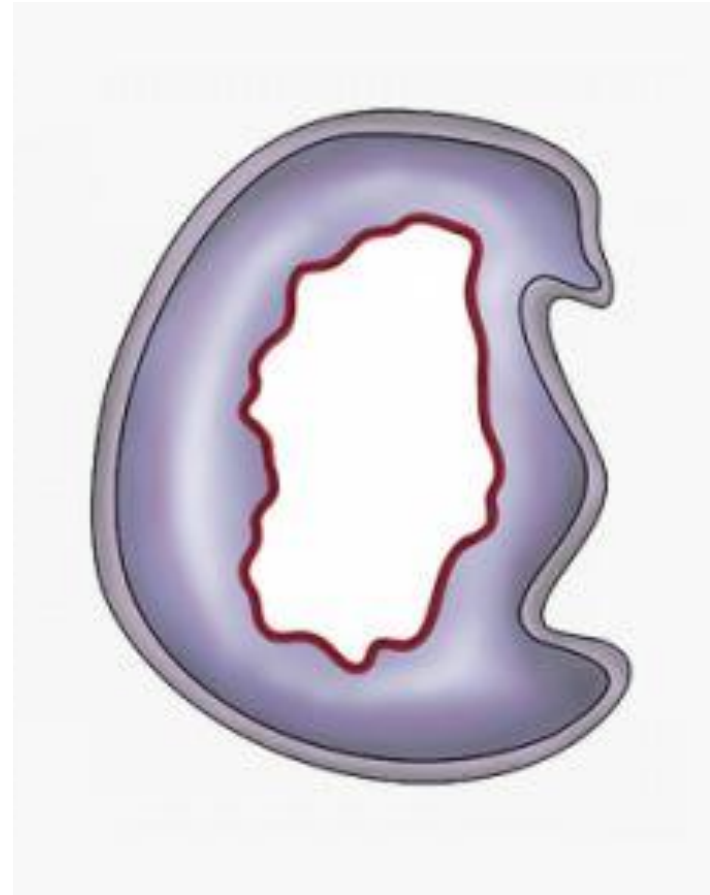
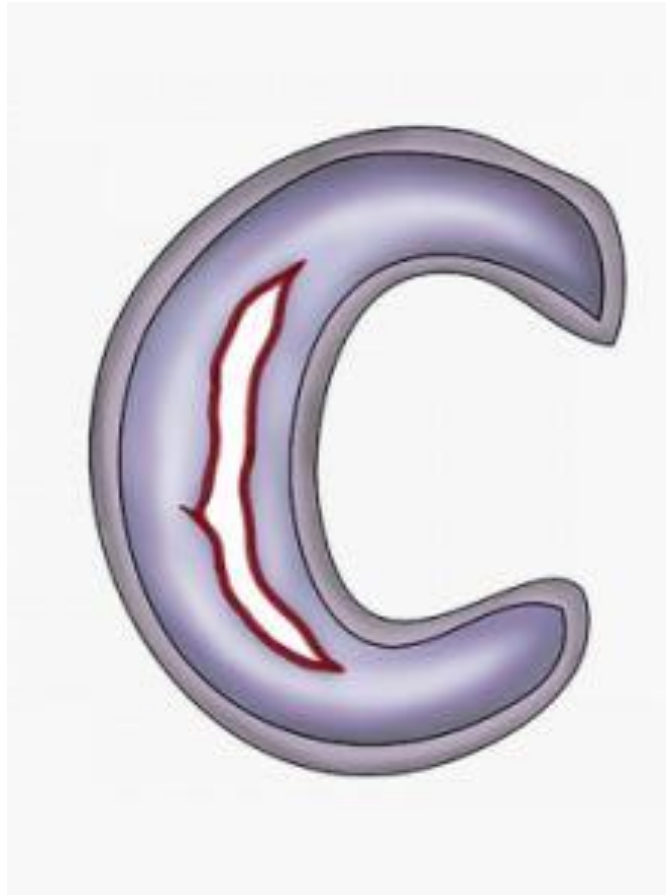
- Normbefund MRT Knie



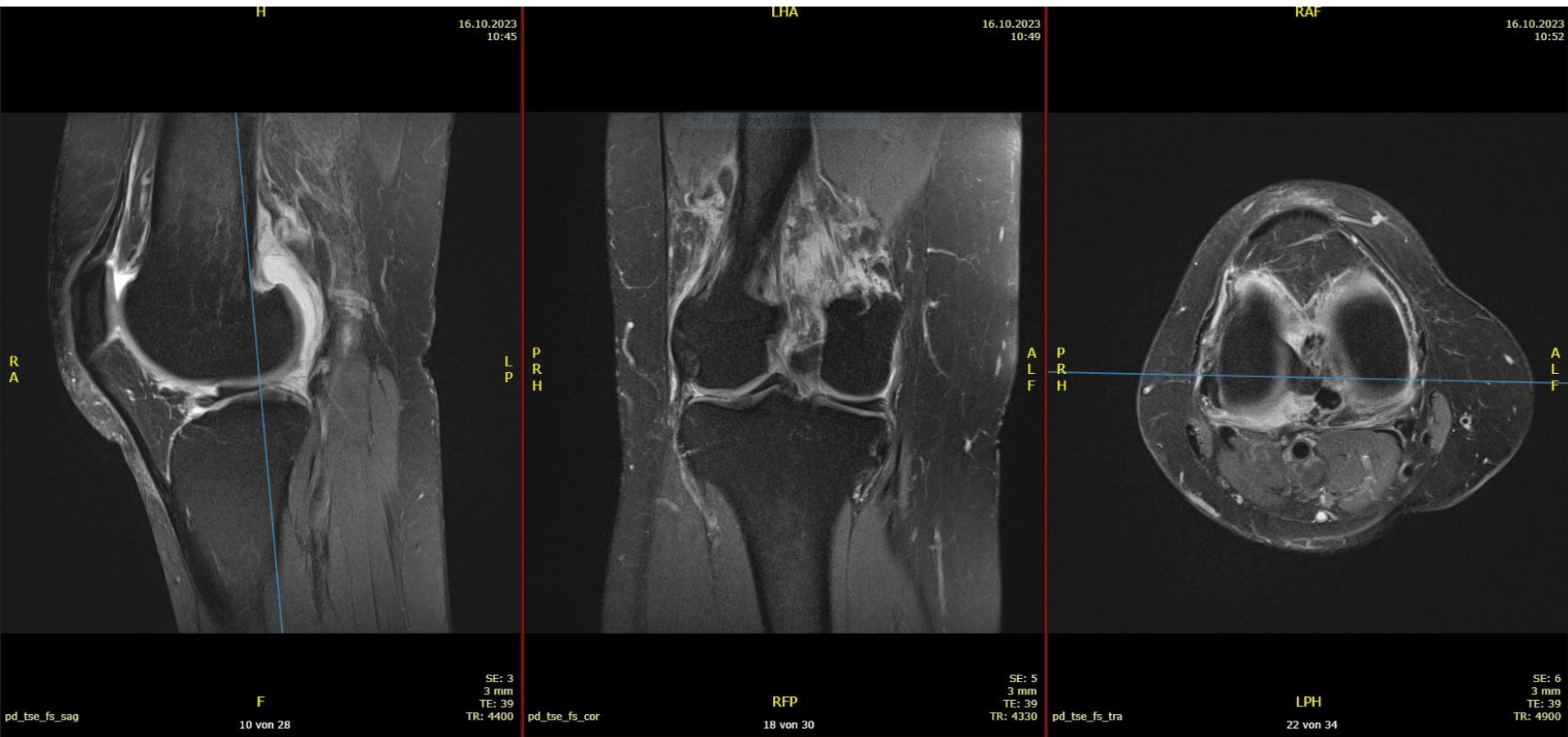
- Meniskus



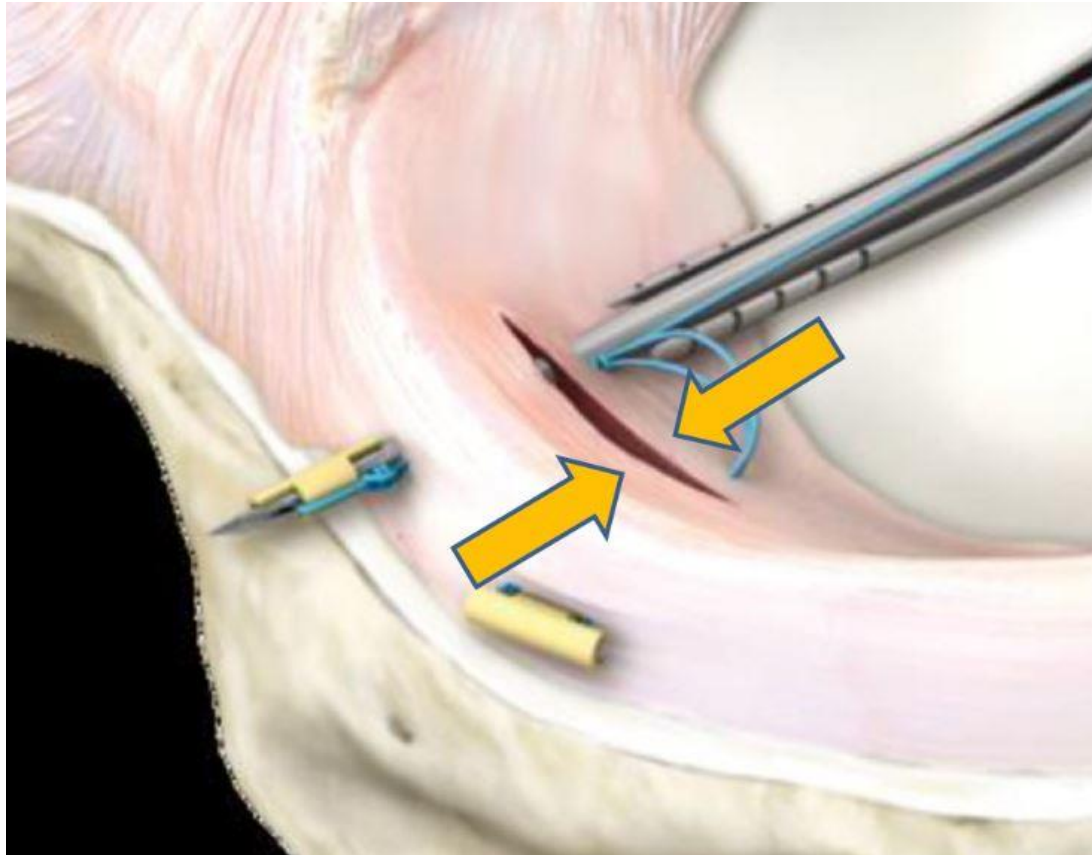
- Meniskus-Korbhenkelriß



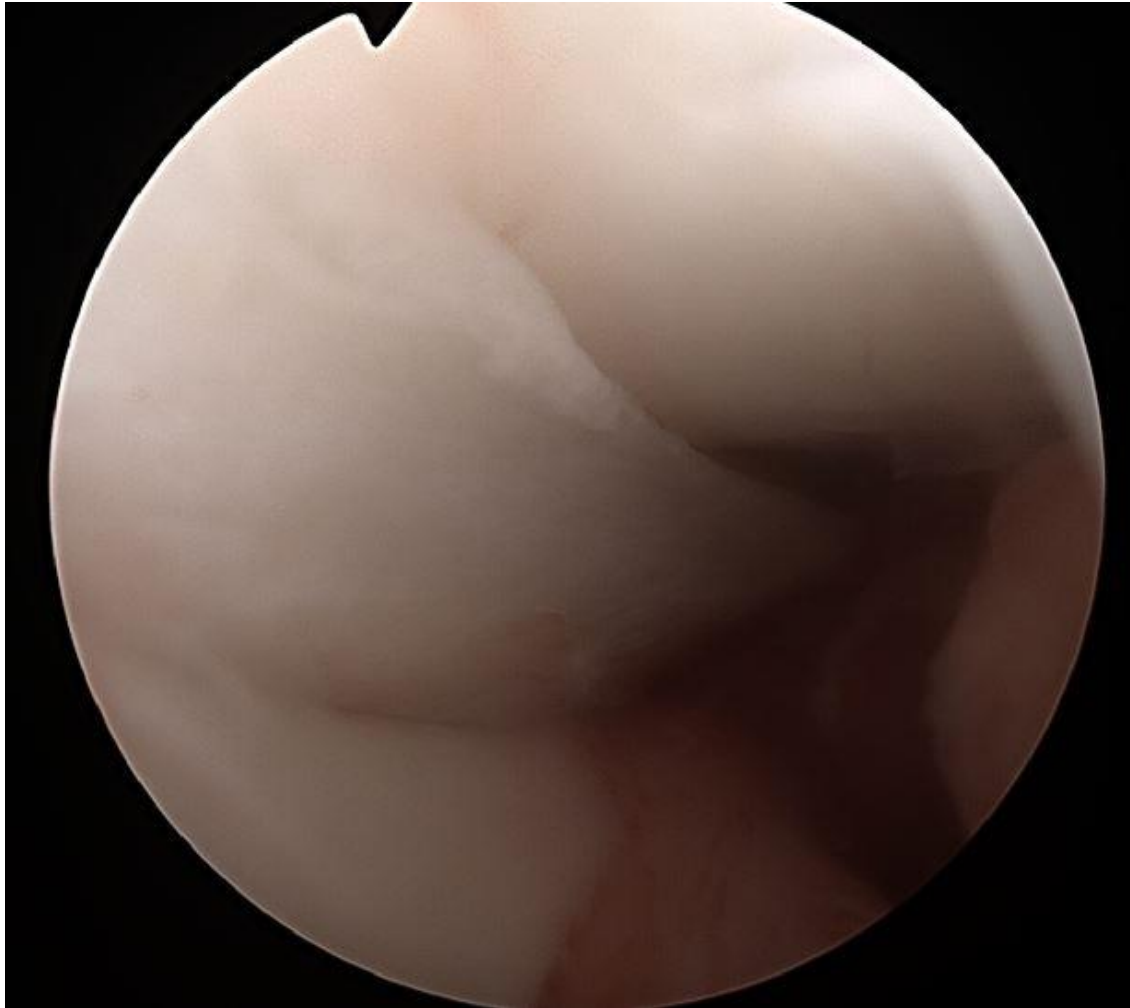
- Meniskus



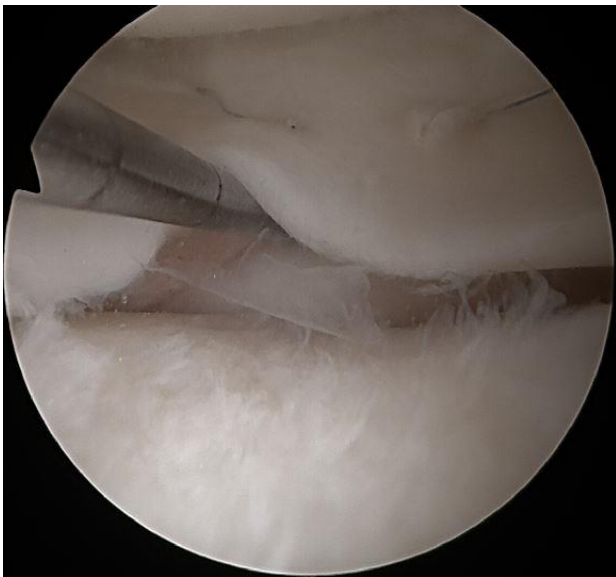
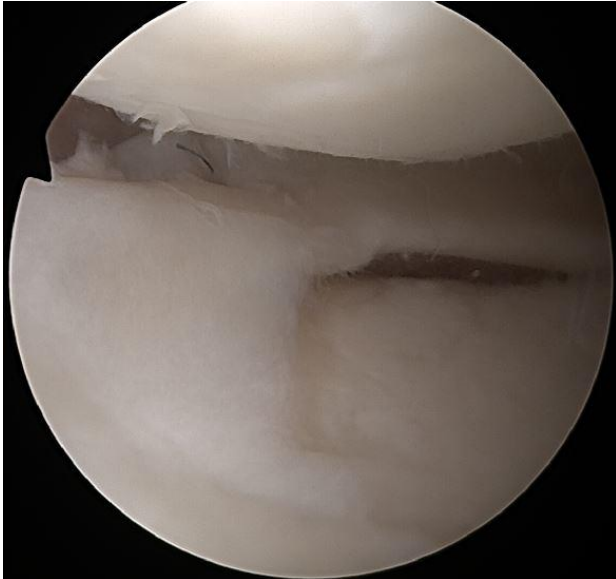
- Meniskusnaht

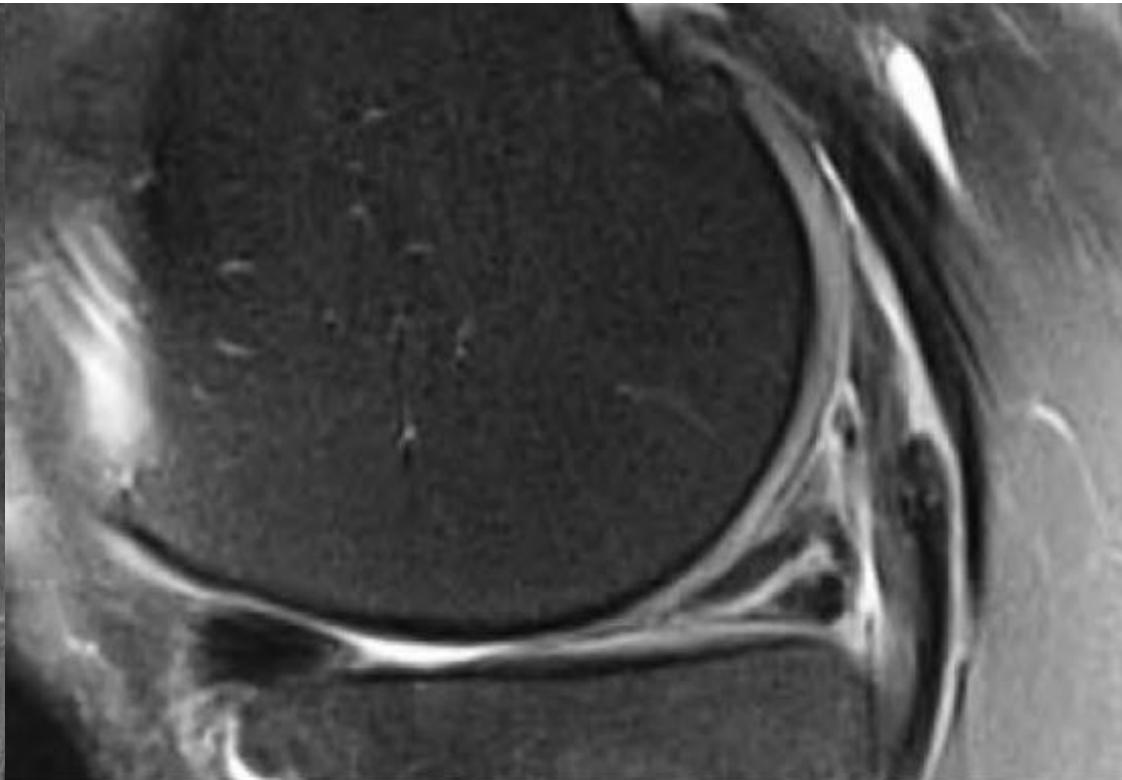
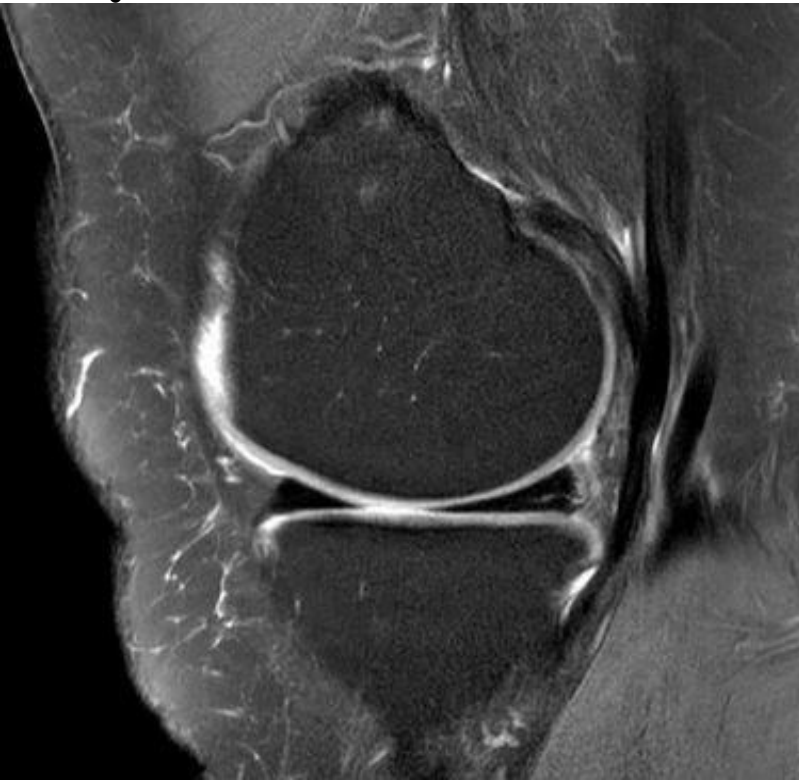


- dislozierter Korbhenkelriß

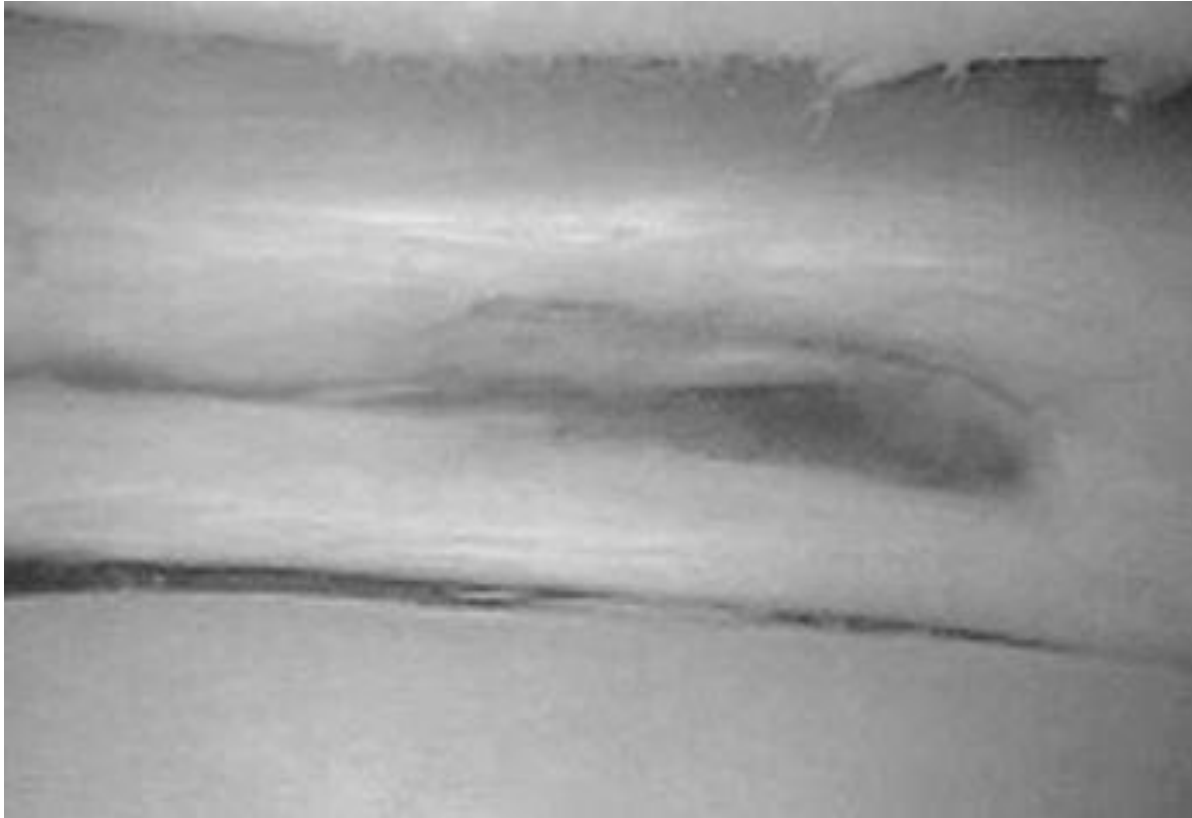




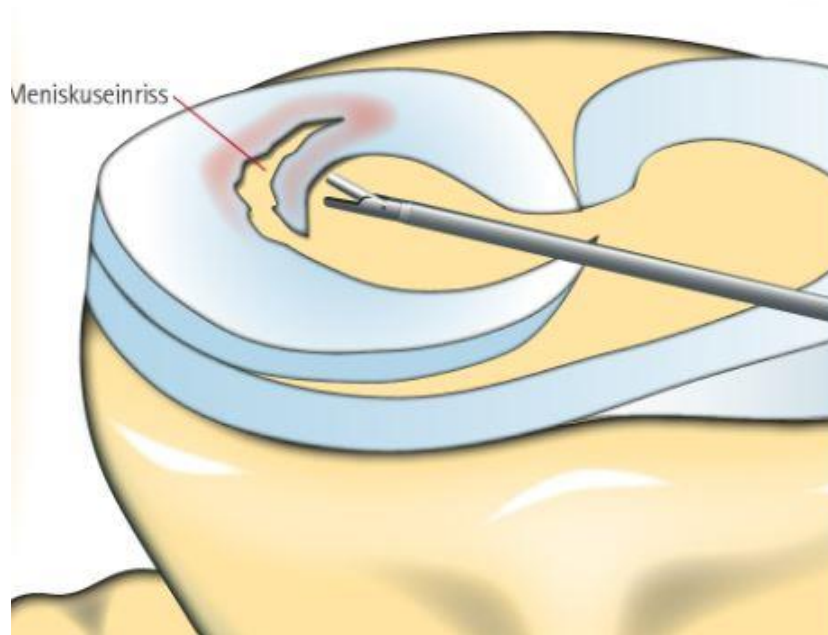




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- Kreuzbandverletzungen



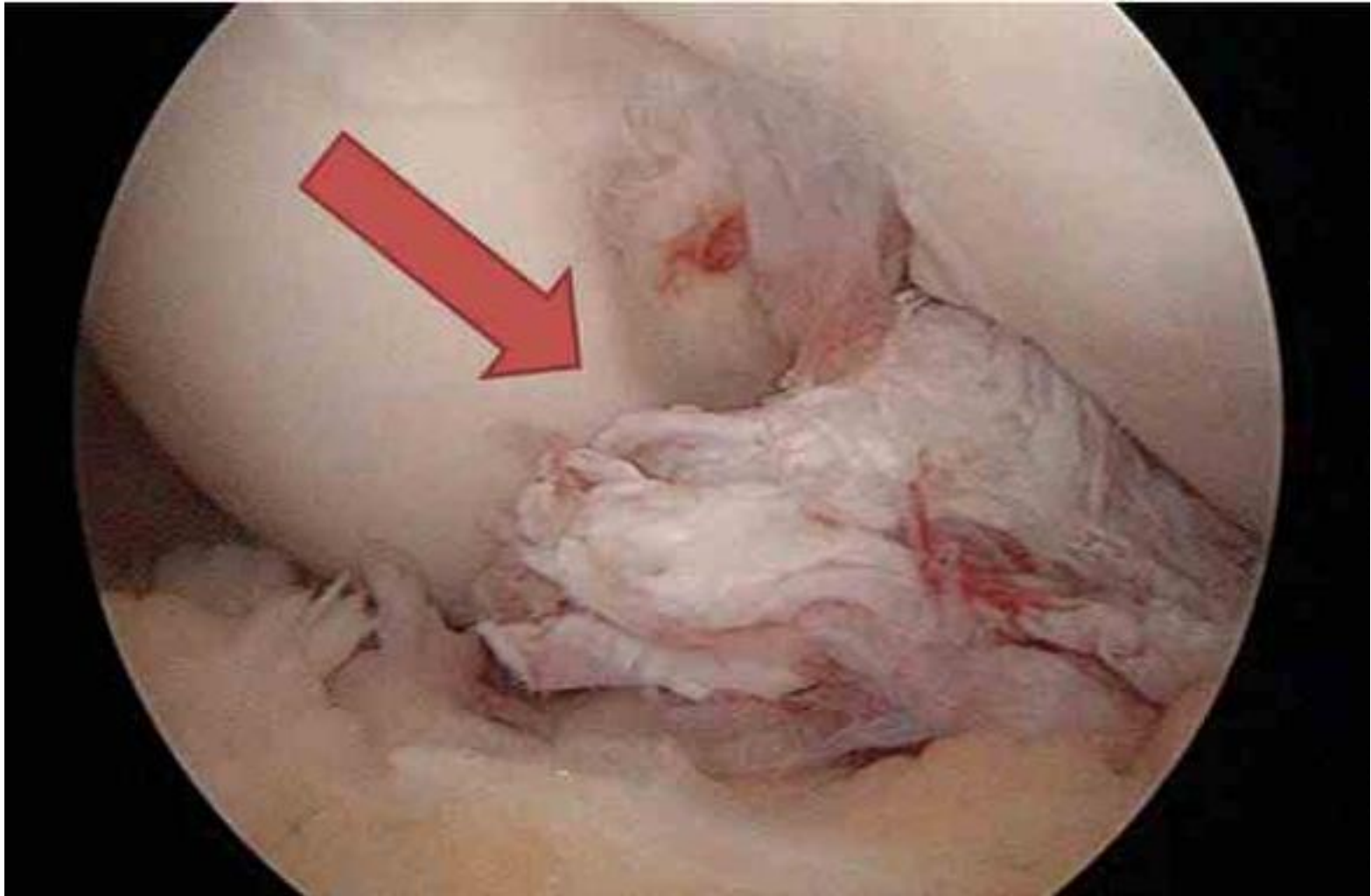
Gesundes vorderes Kreuzband

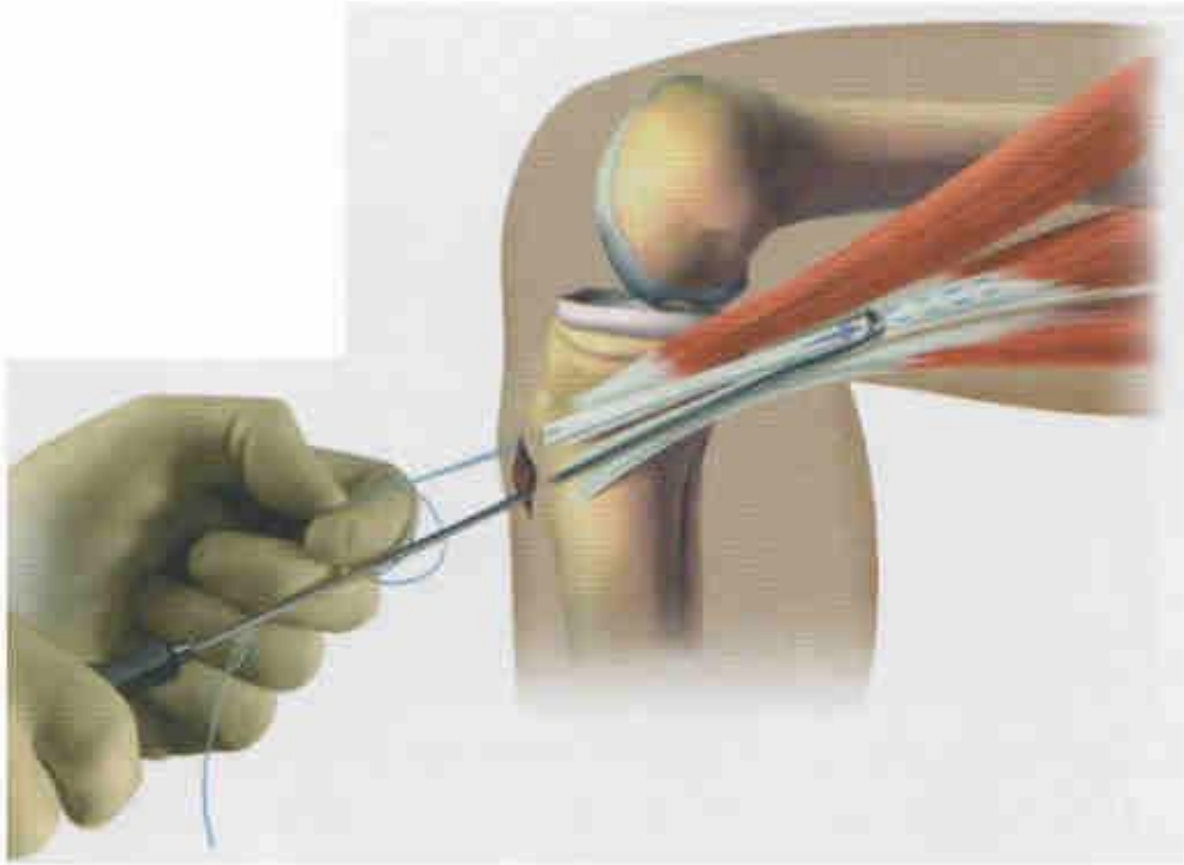


Gerissenes vorderes Kreuzband

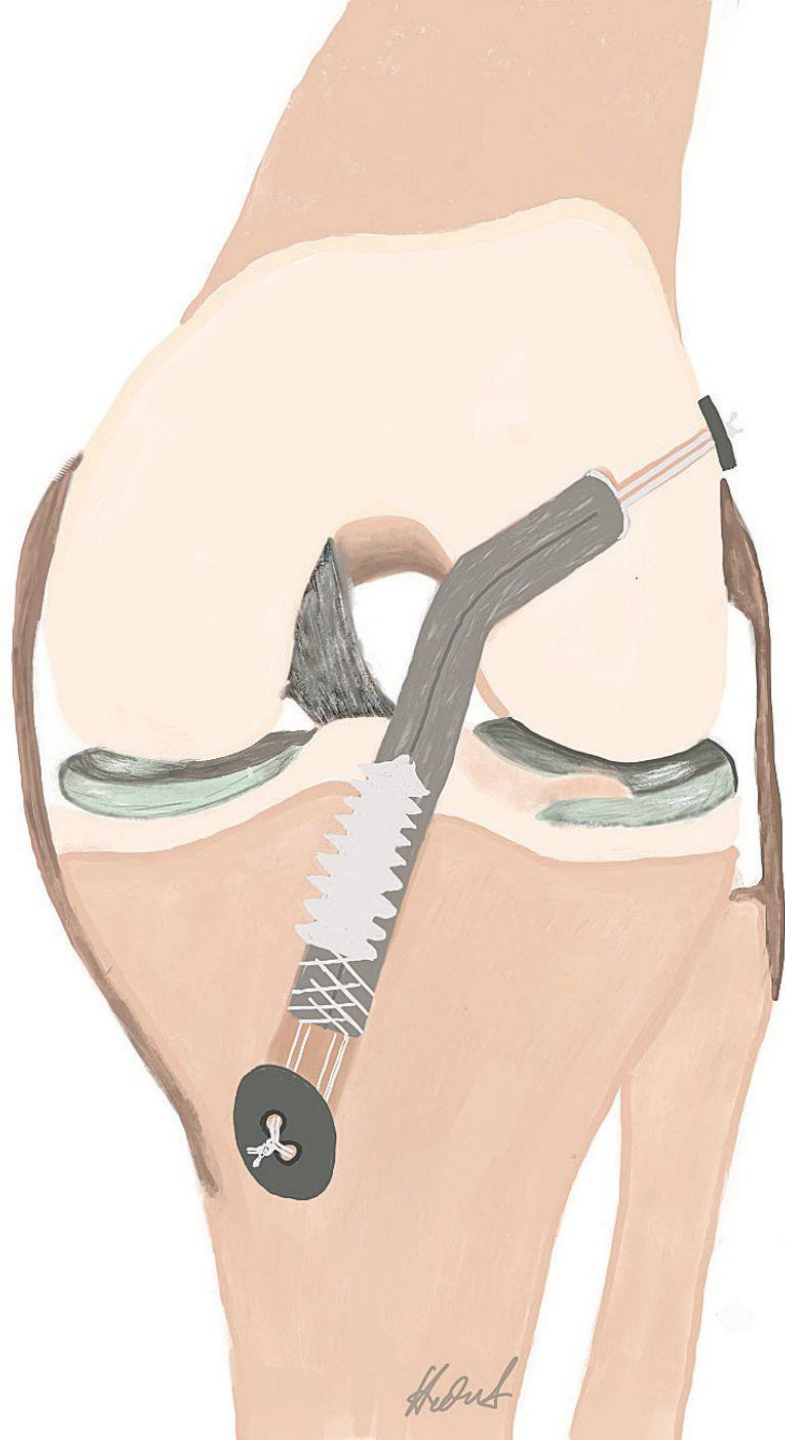


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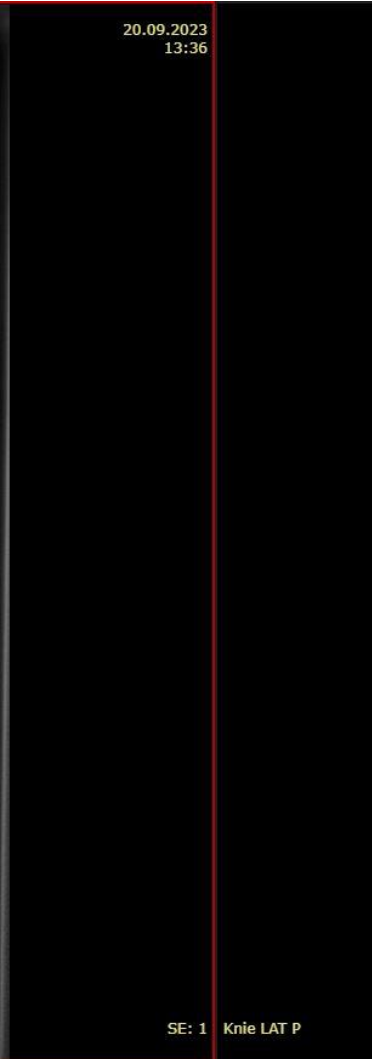




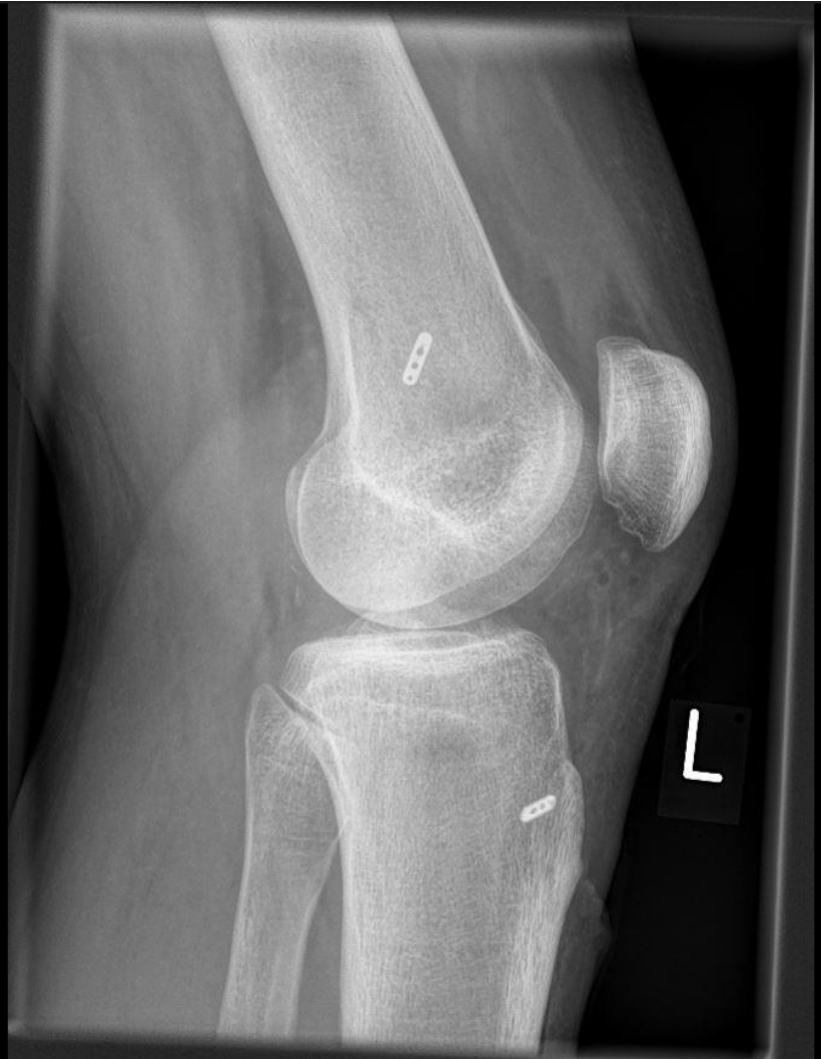




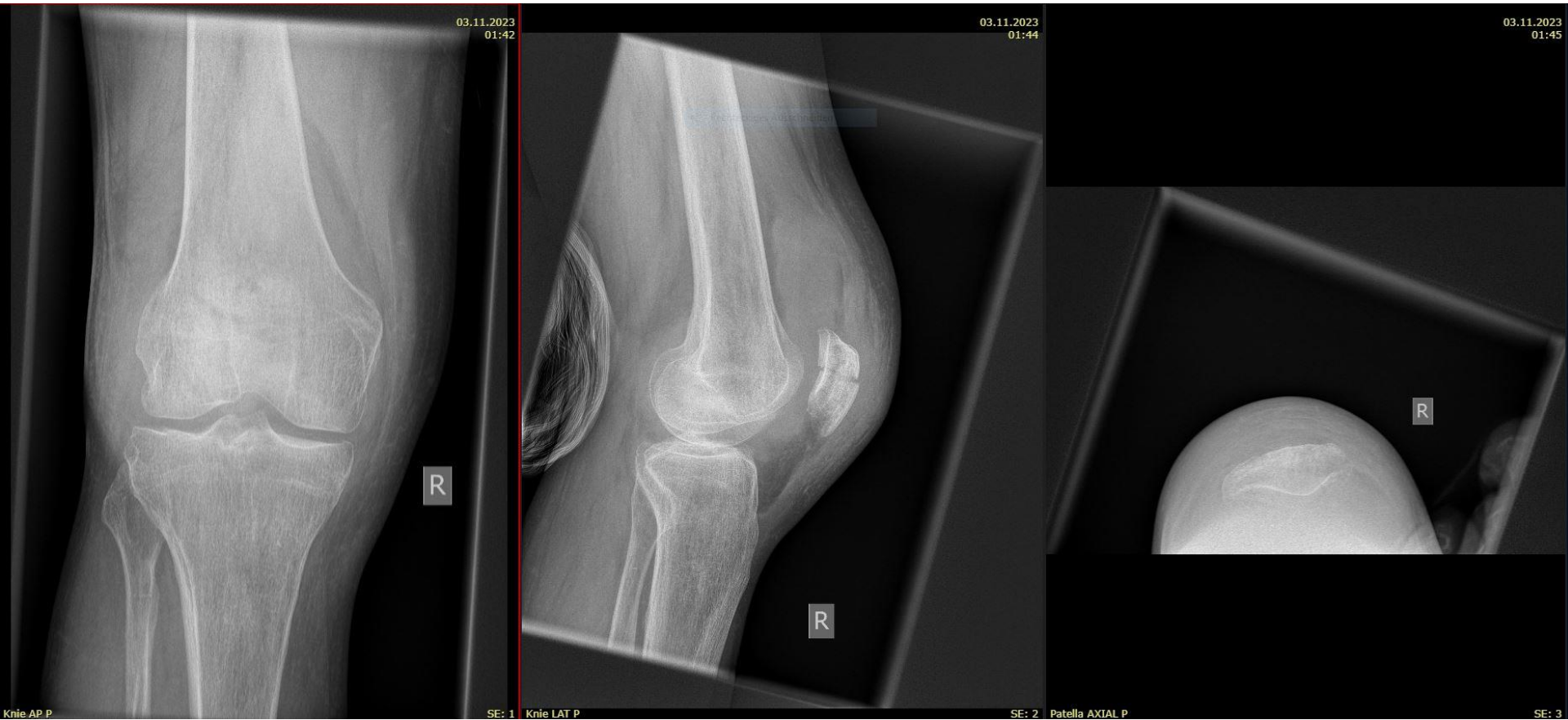
20.09.2023
13:36



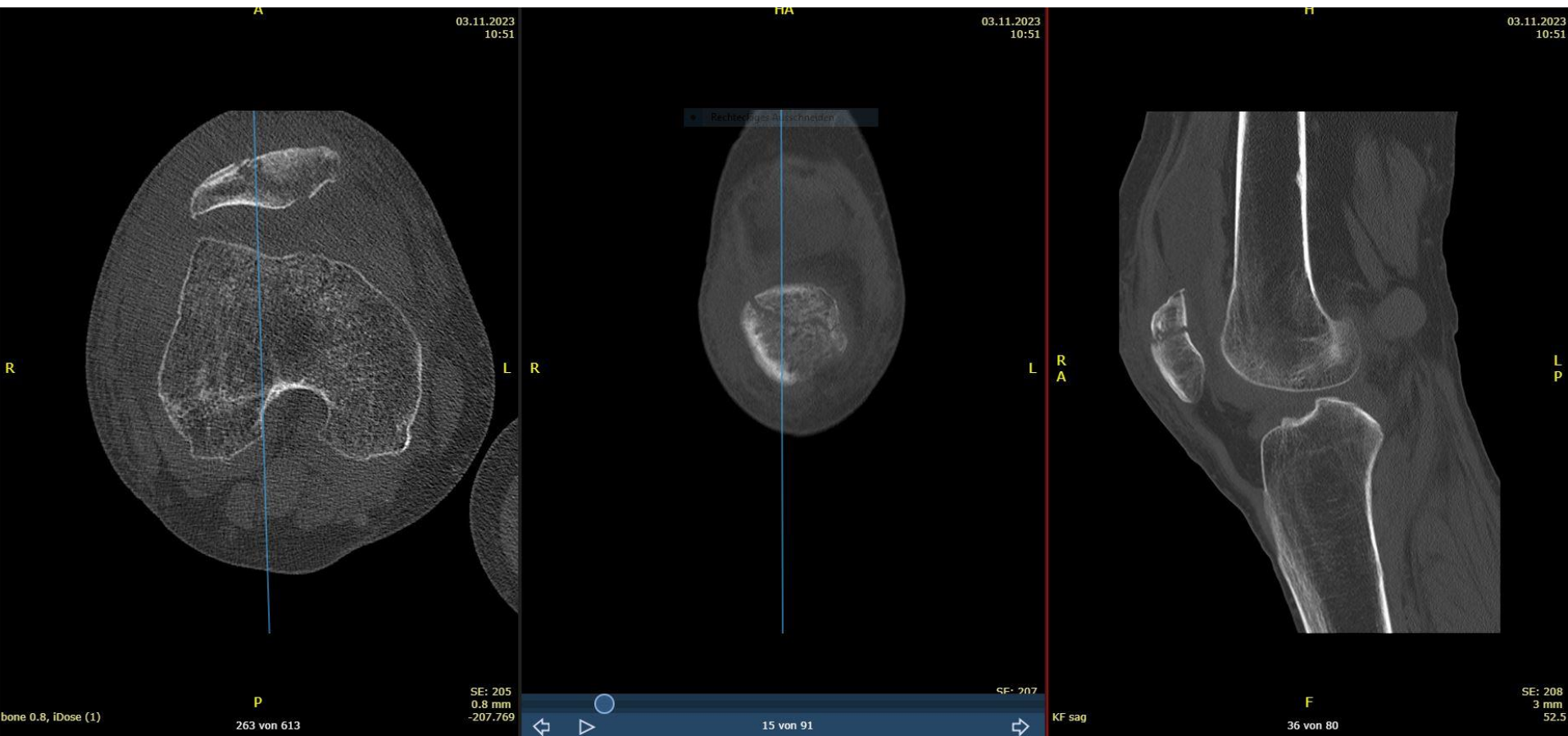
SE: 1 Knie LAT P



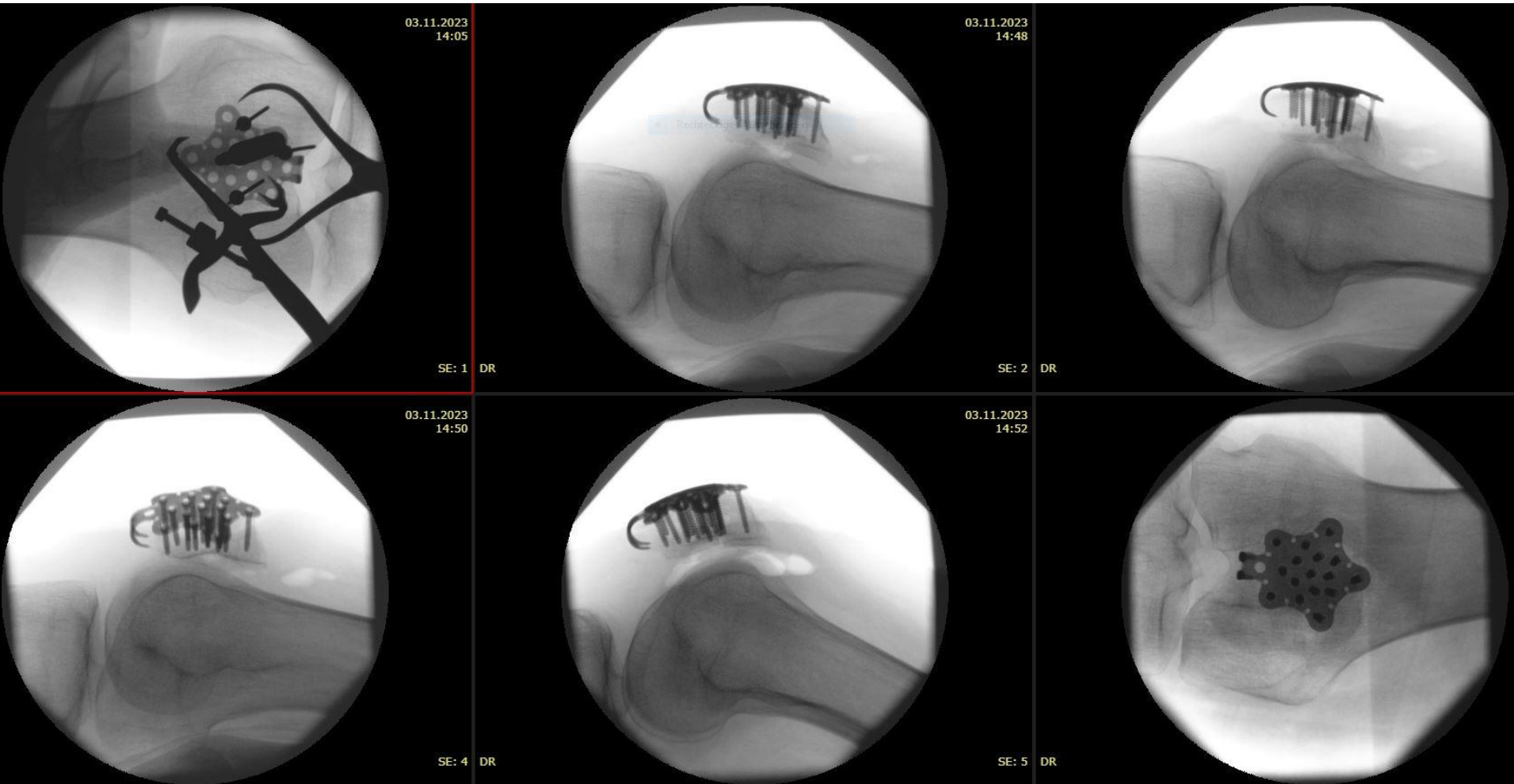
- Patellafraktur

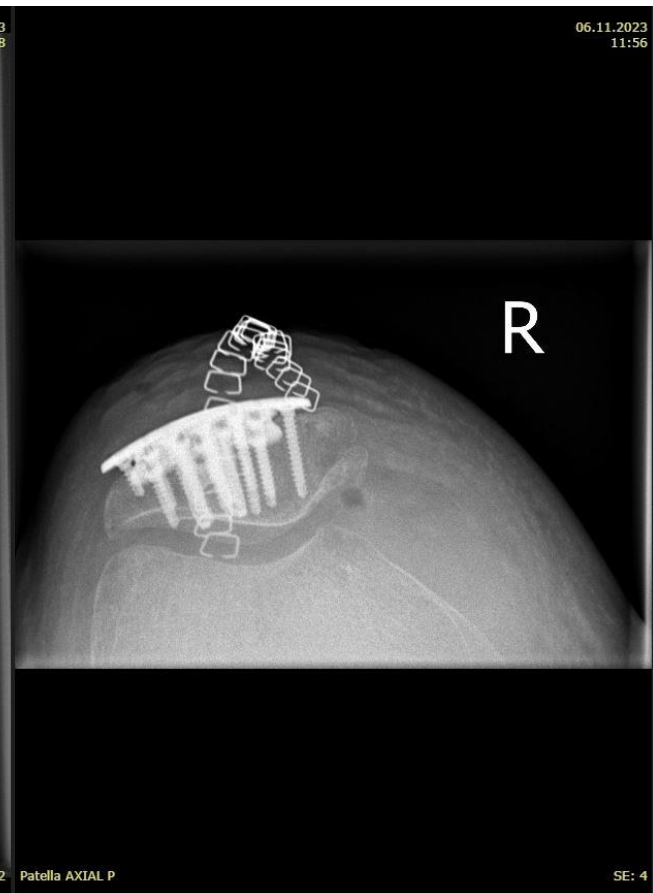
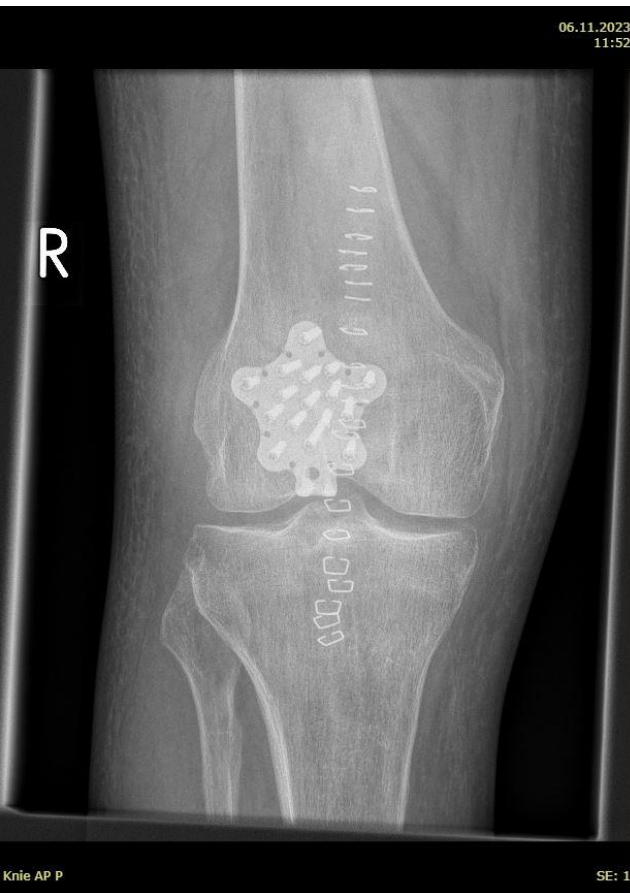


• Patellafraktur

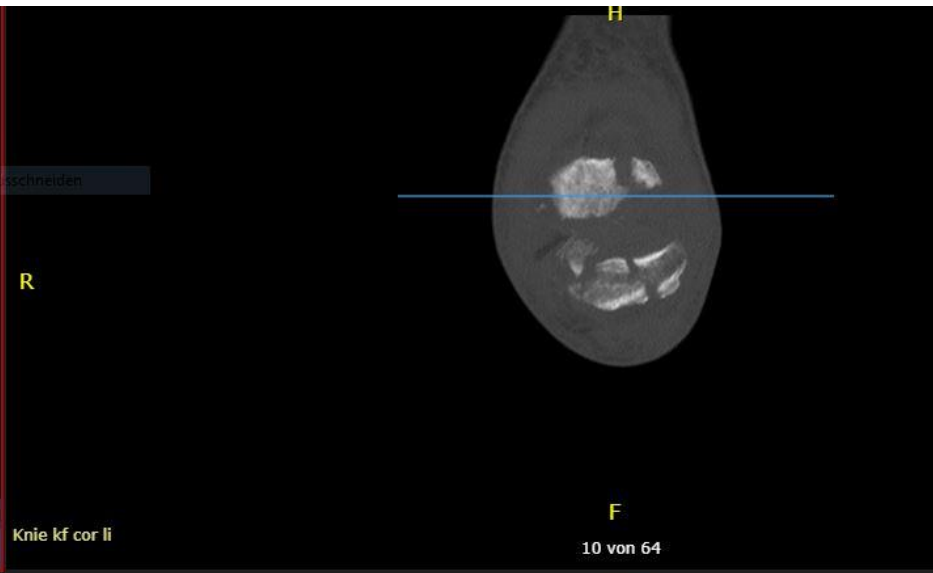
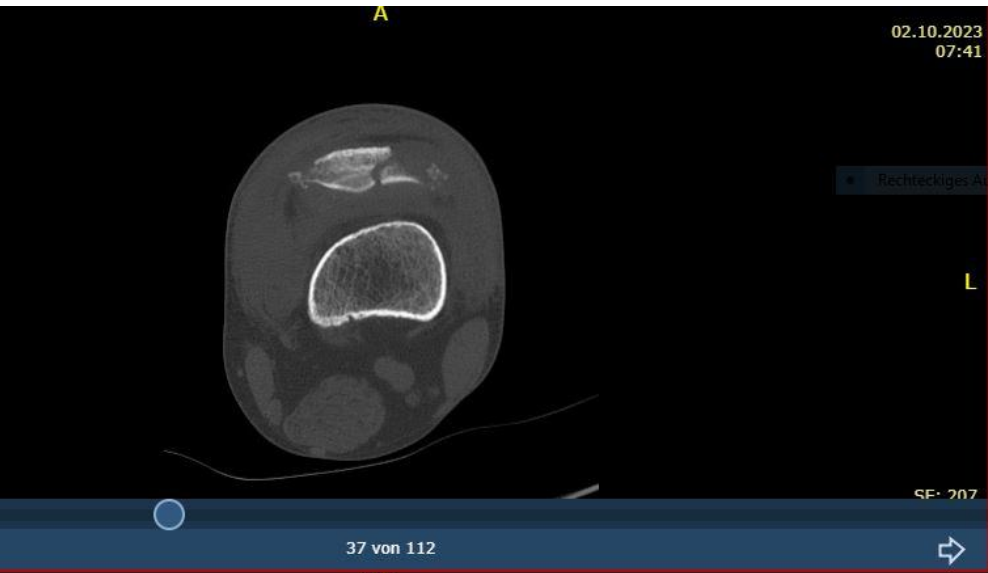


- Patellafraktur









Übersicht

Name Patient: Intermax Dental
Geburtsdatum: 29.08.1965
Geburtsort: München
Patienten-Nr.: 1156312
Diagnosenummer: 000000000-000000

Strahlentechnik: Röntgen
Untersuchungsart: Skelett-Konstanzprüf.
Untersuchungsdatum: 02.10.2023, 15:58:47

Modus	Kompletter Bereich	Komplette DAP in cm²	Dosis (mAs)	Bildanzahl
Hybride/Standard	0.0000	0.0171	0.01	
Funktion/Status	0.25	2.17	0.15	54
Kontrast	0.25	2.18	0.16	54

PHILIPS

Schließen



02.10.2023
15:57



anzprüf.

SE: 0 Skelett-Konstanzprüf.

SE: 33 Skelett-Konstanzprüf.



02.10.2023
16:02

anzprüf.

SE: 39 Skelett-Konstanzprüf.



02.10.2023
16:24

SE: 53 Skelett-Konstanzprüf.





04.10.2023
10:34

Rechteckiges Ausschneiden

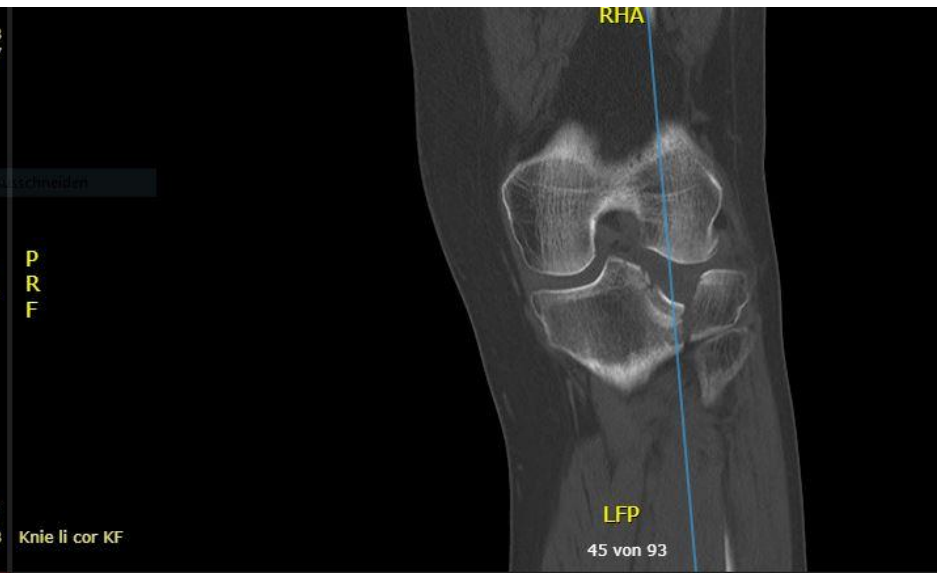
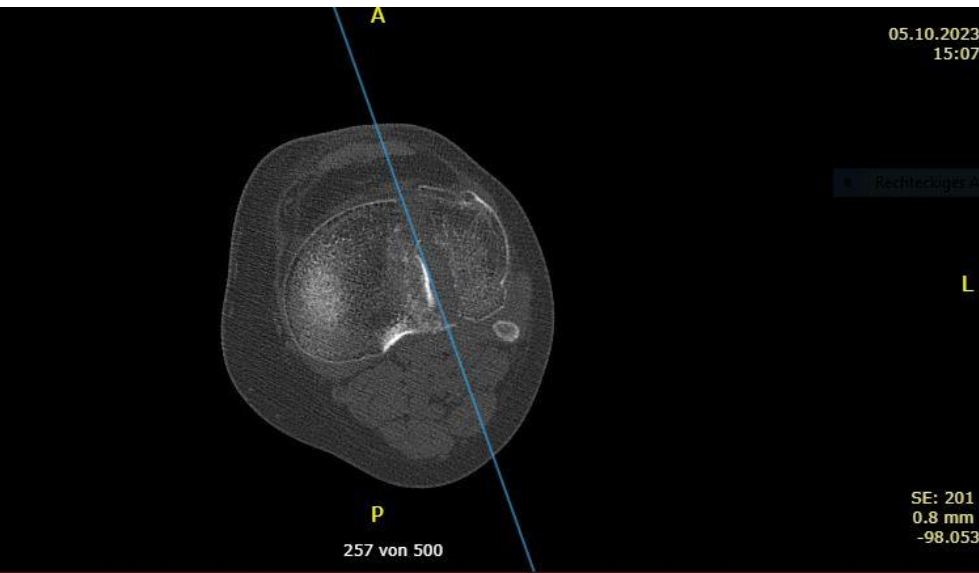
SE: 1 Knie LAT P



med. angestellt

- Tibiakopffraktur





11.10.2023
12:55

Rechteckiges Ausschneiden

SE: 3 DR

11.10.2023
13:00

SE: 10 DR



12.10.2023
10:02

Rechteckiges Ausschneiden

SE: 1 Knie LAT P



Med angestellt



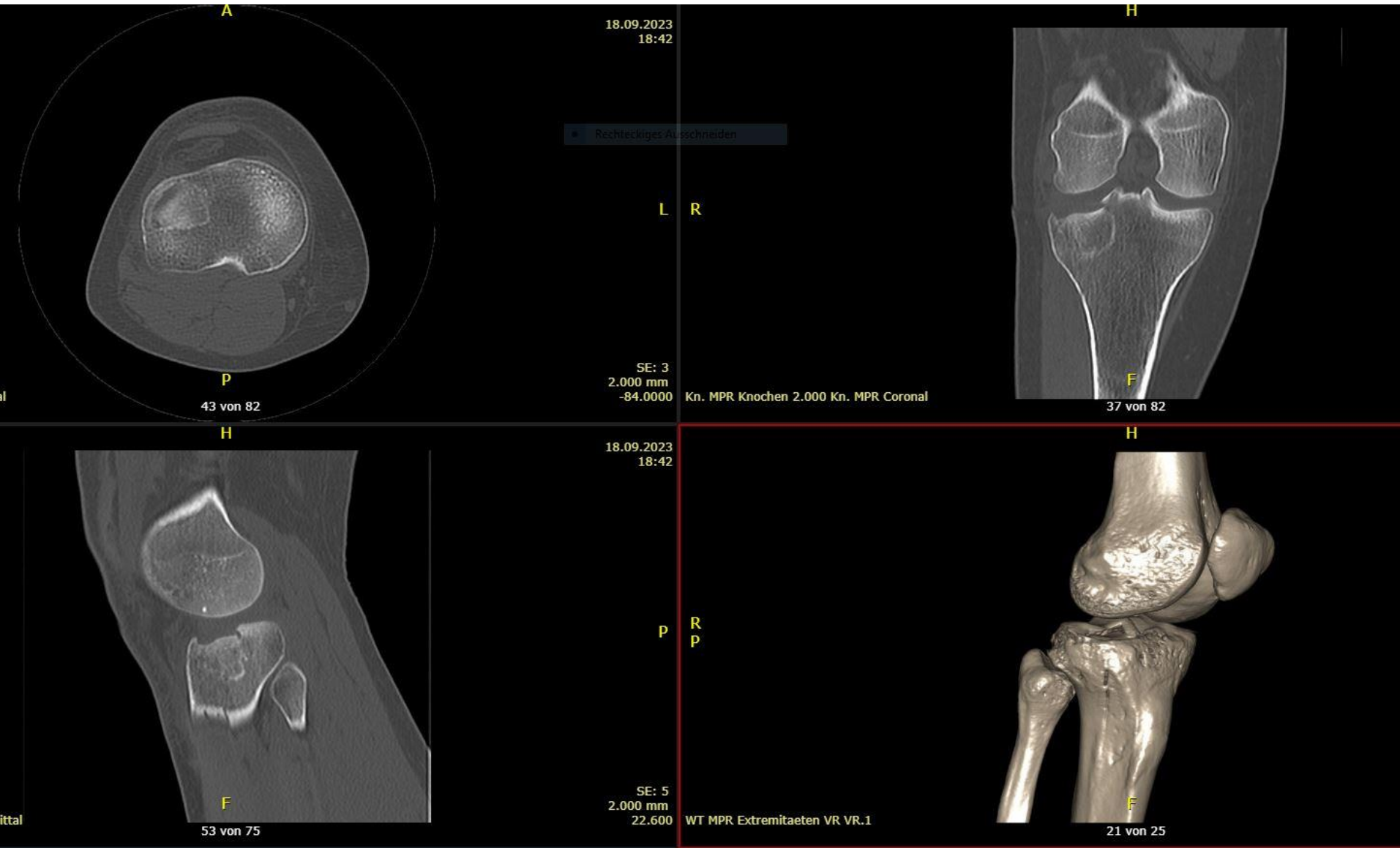
12.10.2023
10:09

SE: 4 Knie LAT P



med angestellt

Patient 2 Tibiakopffraktur





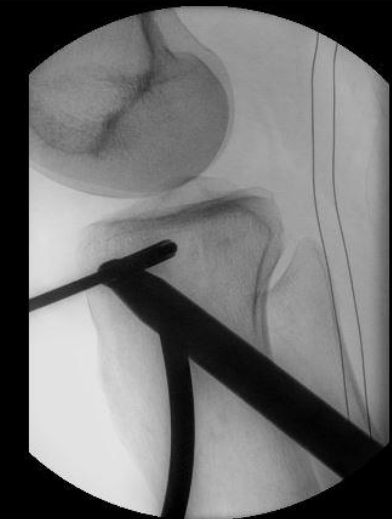
22.09.2023
13:20

SE: 5 Skelett-Extremitäten



22.09.2023
13:30

SE: 37 Skelett-Extremitäten



22.09.2023
13:35

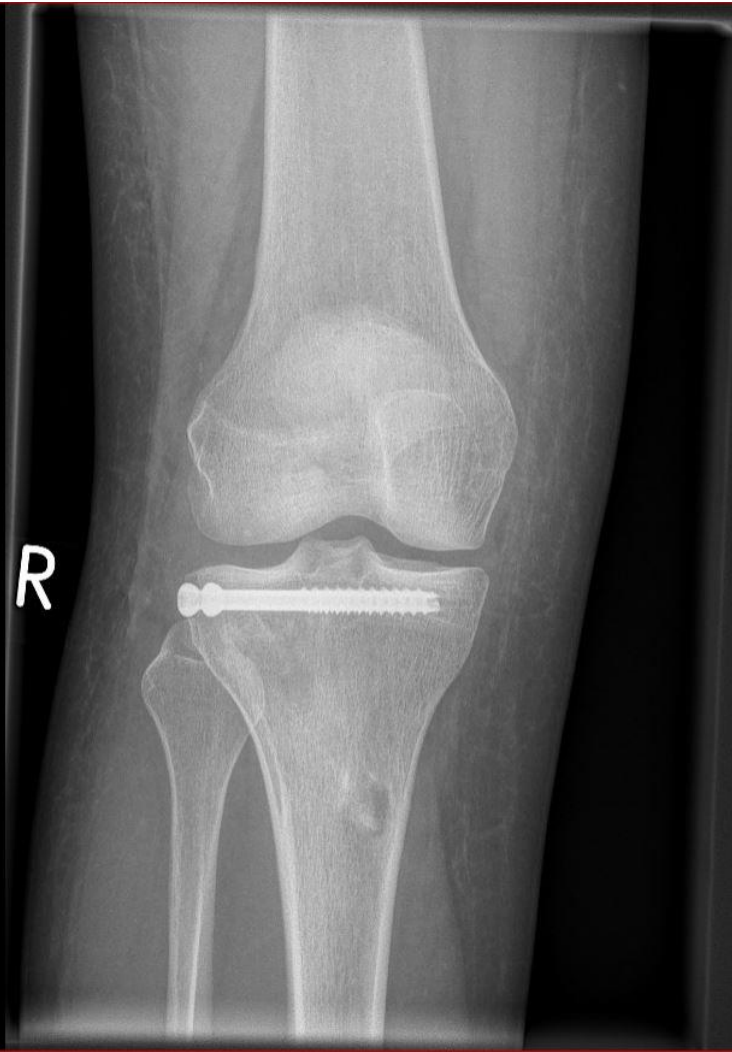
SE: 48 Skelett-Extremitäten



22.09.2023
13:49

SE: 77 Skelett-Extremitäten





25.09.2023
12:58

Rechteckiges Ausschneiden

SE: 2 Knie LAT P

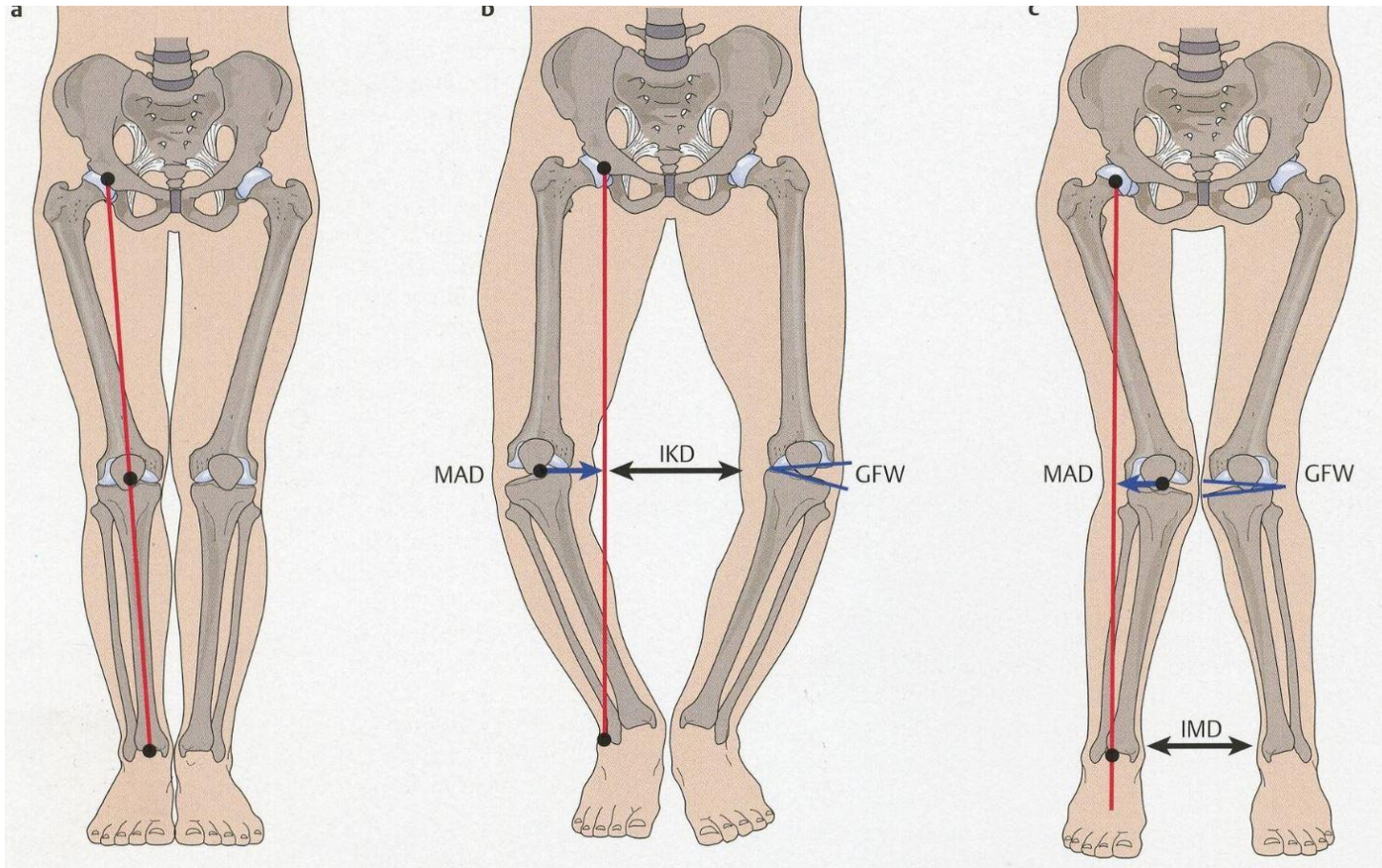


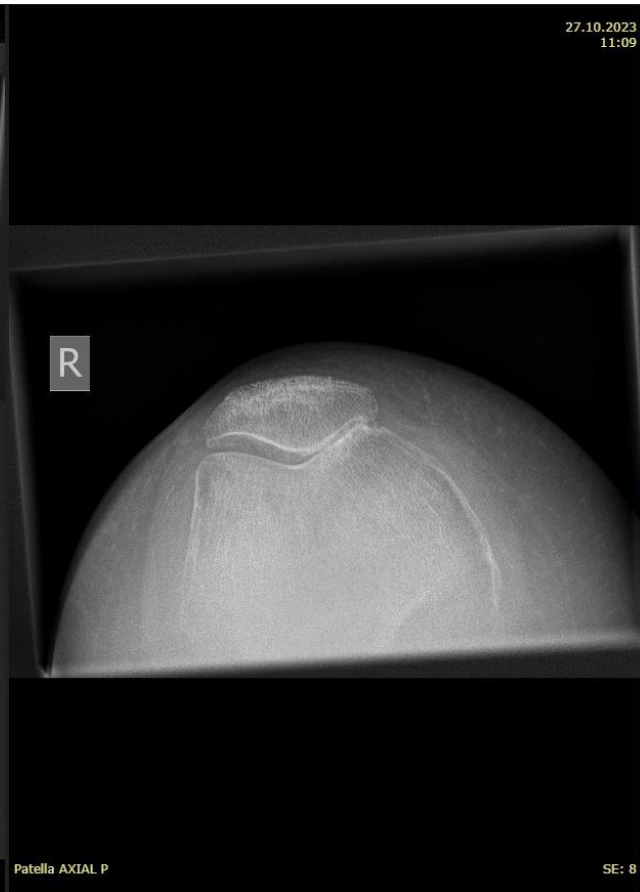
- Fehlstellungen

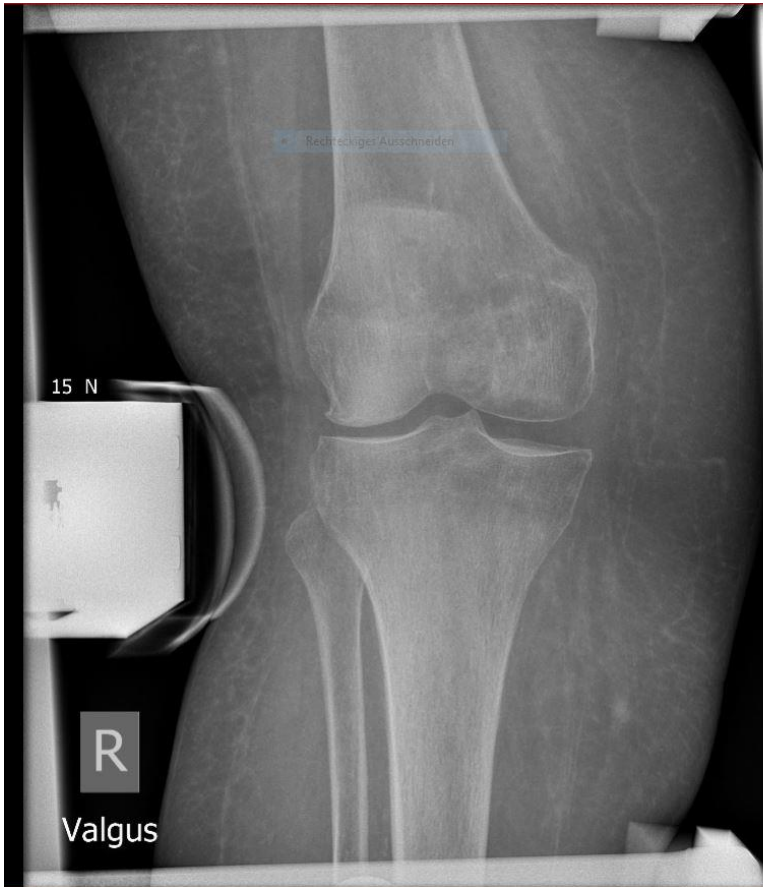
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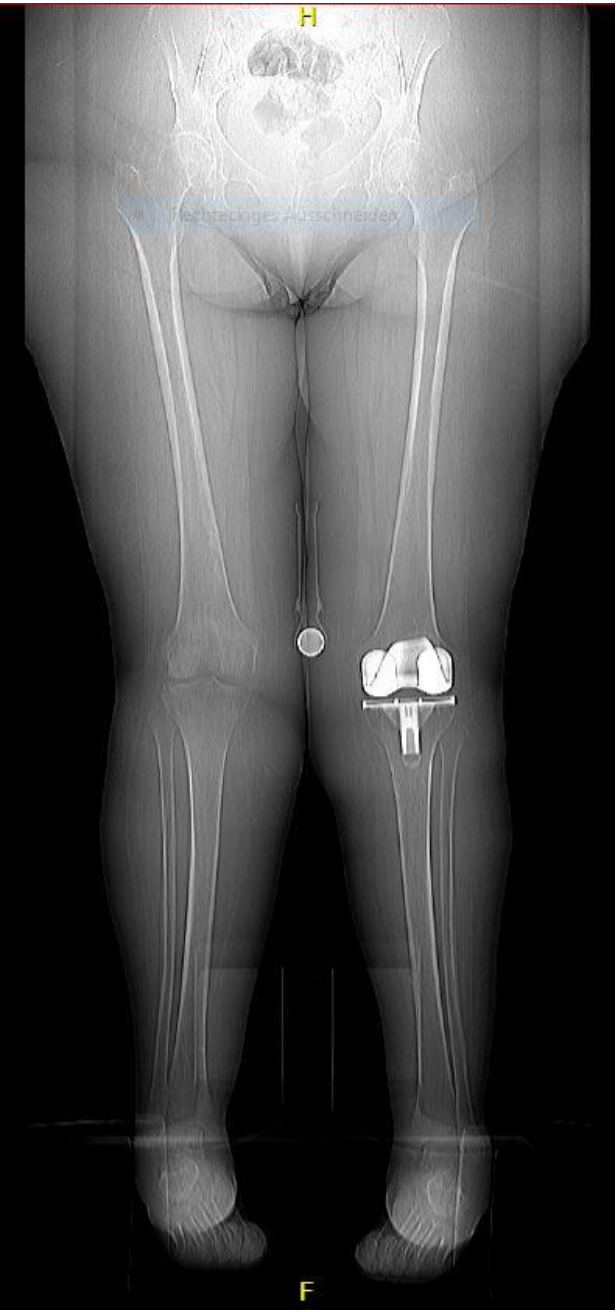


- Fehlstellungen

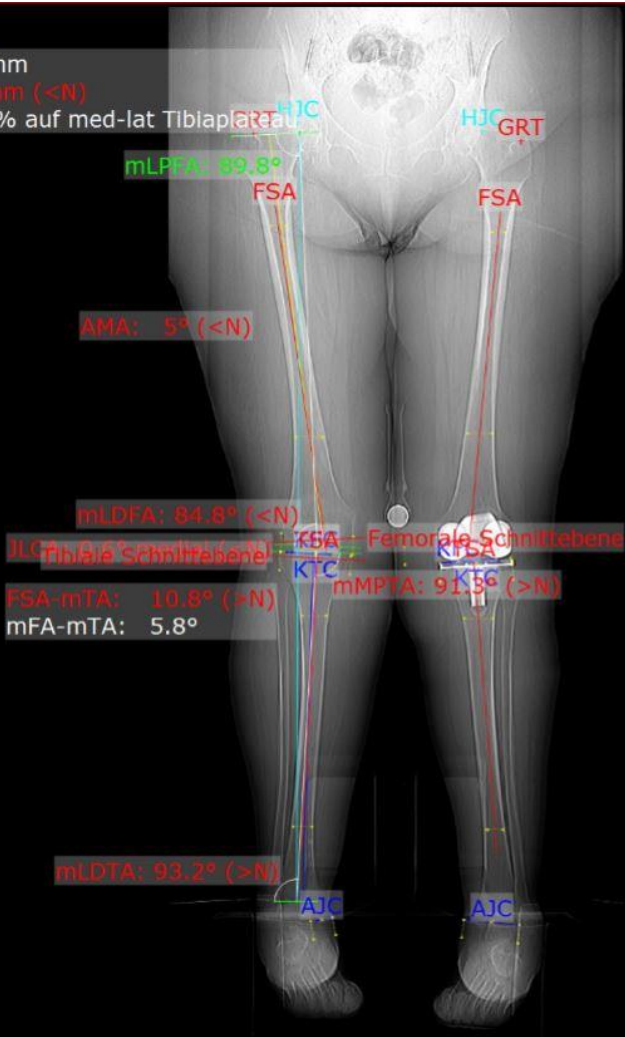






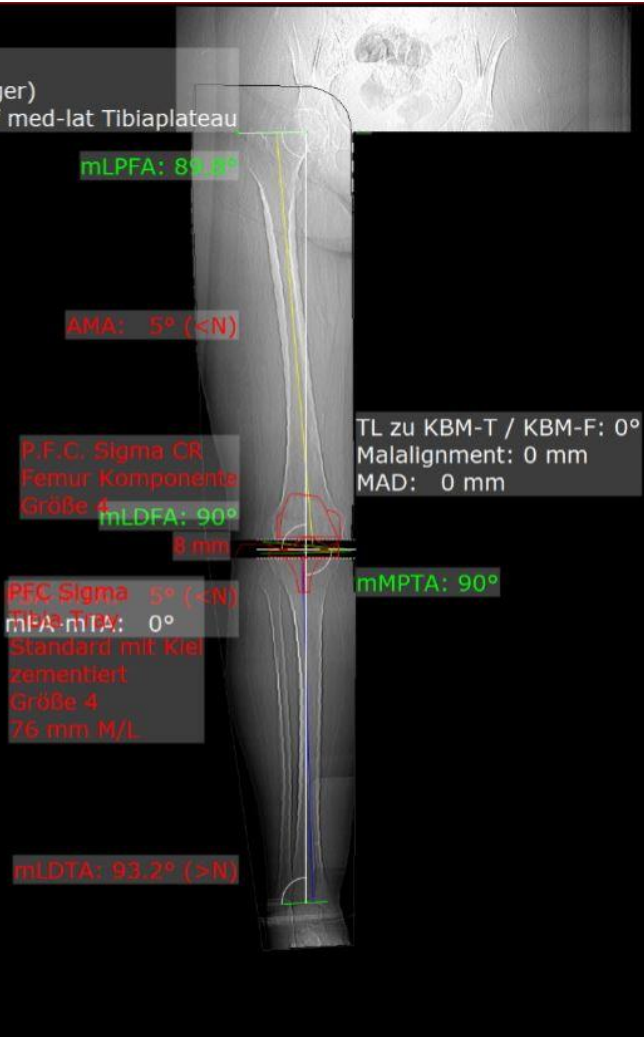


Mikulicz: 841 mm
 MAD: -2.1 mm (<N)
 TL trifft KBL: 76.5% auf med-lat Tibiaplateau

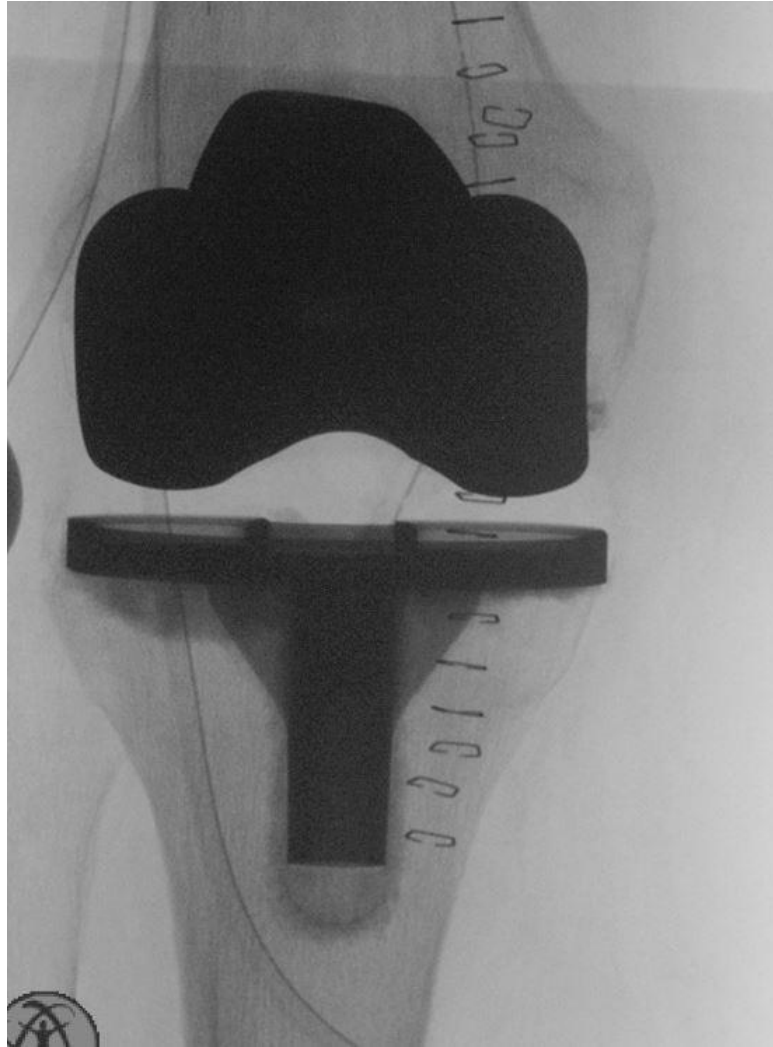


mLPFA: 89.8°
 AMA: 5° (<N)
 mLDFA: 84.8° (<N)
 JLC - Fibulare Schnittebene
 FSA - Femorale Schnittebene
 FSA-mTA: 10.8° (>N)
 mFA-mTA: 5.8°
 mMPA: 91.3° (>N)
 mLDTA: 93.2° (>N)
 AJC

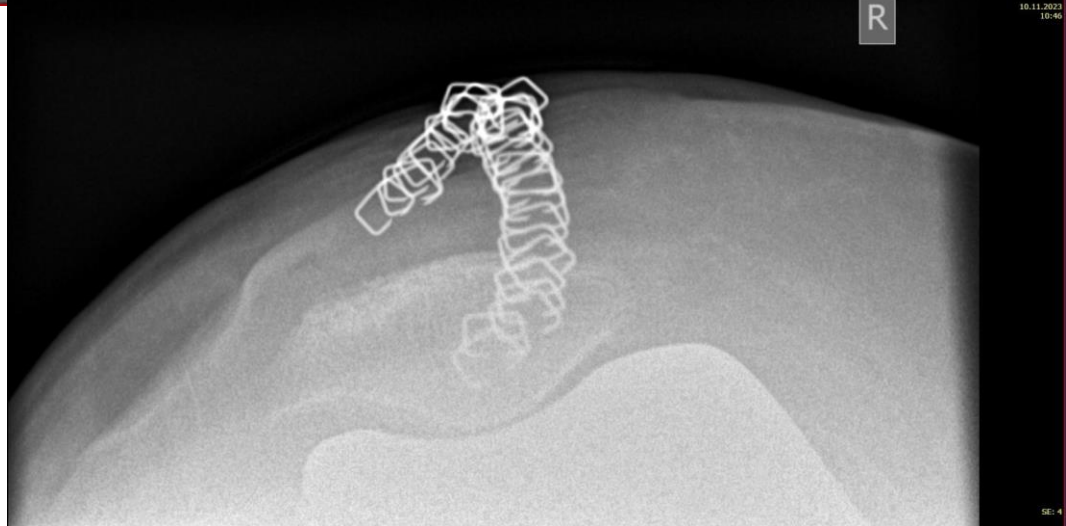
Mikulicz: 842 mm
 1 mm (länger)
 TL trifft KBL: 50.0% auf med-lat Tibiaplateau



mLPFA: 89.8°
 AMA: 5° (<N)
 P.F.C. Sigma CR
 Femur Komponente
 Größe 4
 mLDFA: 90°
 8 mm
 PFC Sigma 5° (<N)
 mFA-mTA: 0°
 Standard mit Kiel
 zementiert
 Größe 4
 76 mm M/L
 TL zu KBM-T / KBM-F: 0°
 Malalignment: 0 mm
 MAD: 0 mm
 mMPTA: 90°
 mLDTA: 93.2° (>N)









Die klassischen Fragestellungen aus Praxis und Alltag sind:

- Was ist defekt?
- Wie genau ist es defekt?
- Was kann ich dagegen unternehmen (Planung)?



- Röntgenaufnahmen in 2 Ebenen
- Standardprojektionen
- Bei Schnittbilddiagnostik die multiplanaren Rekonstruktionen (Schnittebenen) an der verletzten Struktur ausrichten



KLINIKUM
LÜNEBURG



Vielen Dank

Oliver Block, Oberarzt der Klinik für Unfallchirurgie und Orthopädie, SK Lüneburg



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