

Anklens og fodens radiologi

Michel Bach Hellfritzsch
Overlæge
Røntgen og Skanning, AUH

Michel Bach Hellfritzsch

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- ◇ [Fod- og ankelradiologi](#)

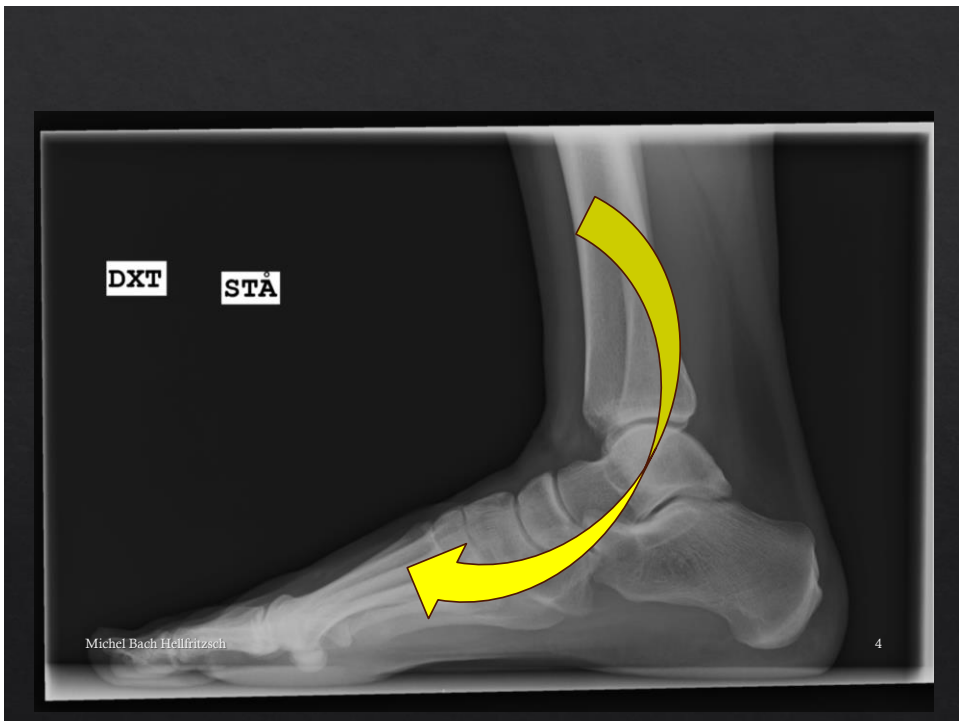
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Immobilisering pga. fraktur



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Case

- ◇ Diabetiker med spidsfod.
- ◇ MR fod før påtænkt achillessene forlængelsen og TP transposition
- ◇ Kommentarer?



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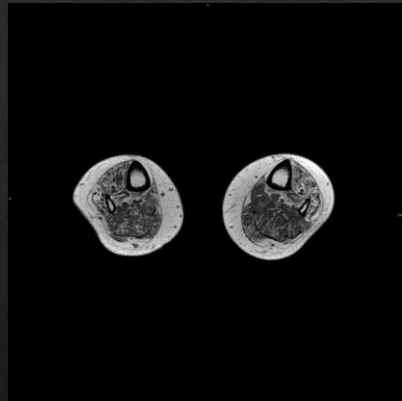
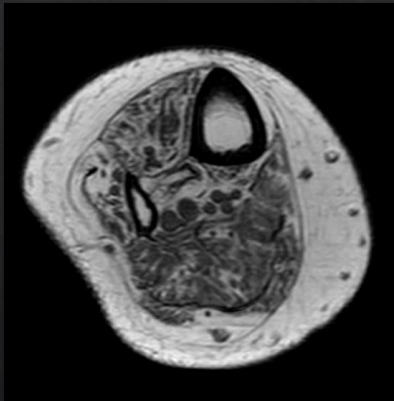
Distale crus

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Case



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Foden overordnet

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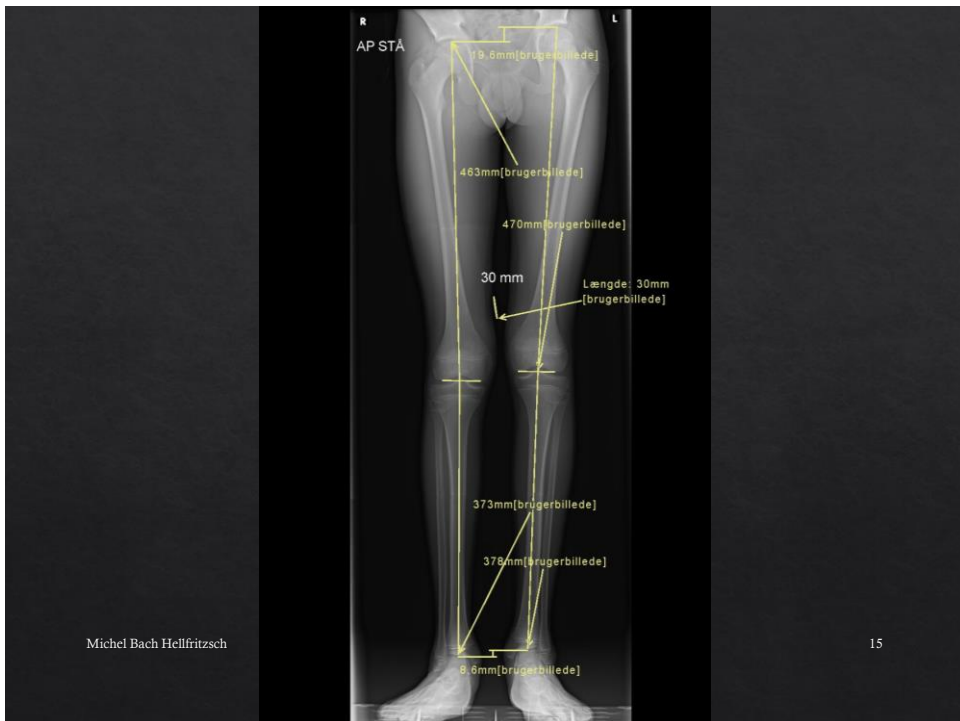
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Fejlstillinger

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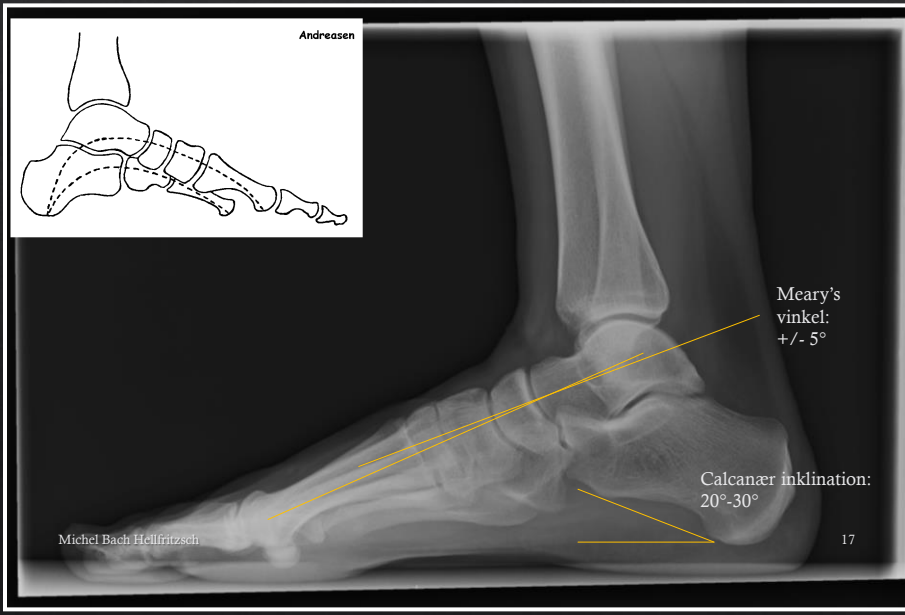
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Talar-First Metatarsal Angle eller Meary's Line samt calcaneær inklinasjon



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Case: Yngre mand



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Ældre kvinde med pes planus



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Stående vs. liggende optagelse



(8 mdr. senere)

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Årsager til fejlstillinger

Medfødte

- ◇ CTEV (Klumpfod)
- ◇ Vertikal talus (Platfod)
- ◇ Coalitio (Platfod)

Erhvervede

- ◇ Visse neurologiske sygdomme (e.g. Mb. Charcot-Marie-Tooth, Friedreich ataxi) (Hulfod)
- ◇ Tibialis posterior insufficiens (Platfod)

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Talocrural leddet

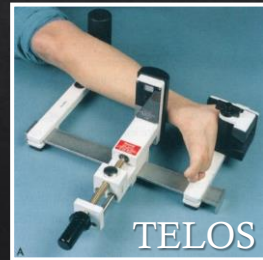
Inkl. talus

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Instabilitet talocruralt: Vridoptagelser



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Telos-stresstest



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15 kp

15 kp (kilopond) svarer til cirka 150 N (Newton).

15 kp

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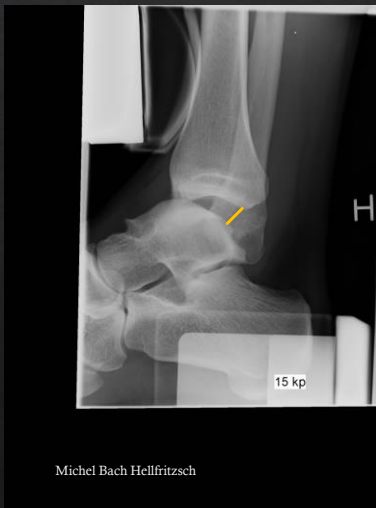
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Telos-stresstest



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Telos-stresstest



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41-årig kvinde - distorsion

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Talocruralleds artrose

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Stående vs. liggende optagelse



Primær undersøgelse



+41 dage

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Rtg. vs CT



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CT (uden belastning)
1 mdr. efter Rtg.

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Tre ledflader i ledskålen



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Talocruralleds alloplastik

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STAR protese



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STAR protese

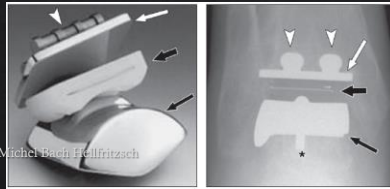
Det er vigtigt at kende opbygningen af alloplastikken, for at kunne vurdere den.

- Tibia komponent
- Glidekerne
- Talus komponent



A brief history of total ankle replacement and a review of the current status

Medical Engineering & Physics
29 (2007) 1056–1064



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Postoperative Evaluation of the
Total Ankle Arthroplasty

AJR, 2008, 190:1112–1123

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10 år gammel protese, nu akutte smerter.



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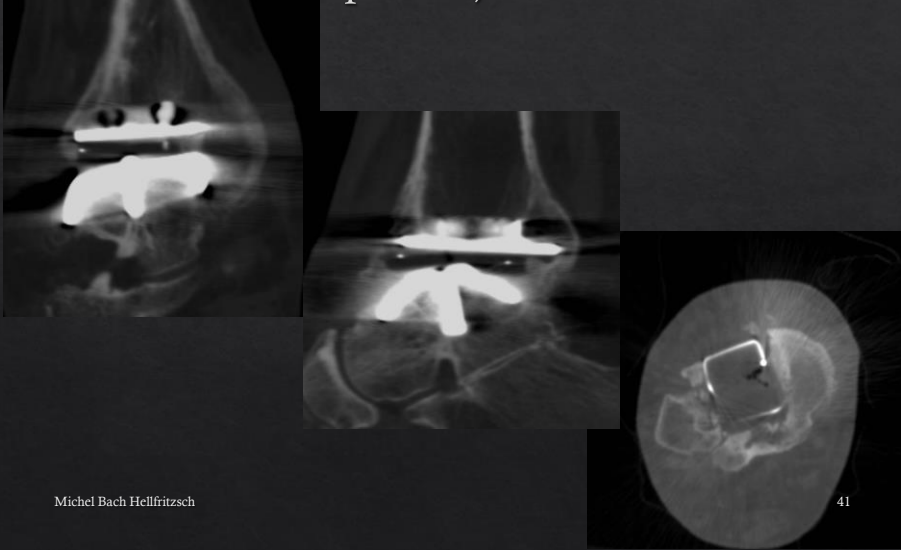


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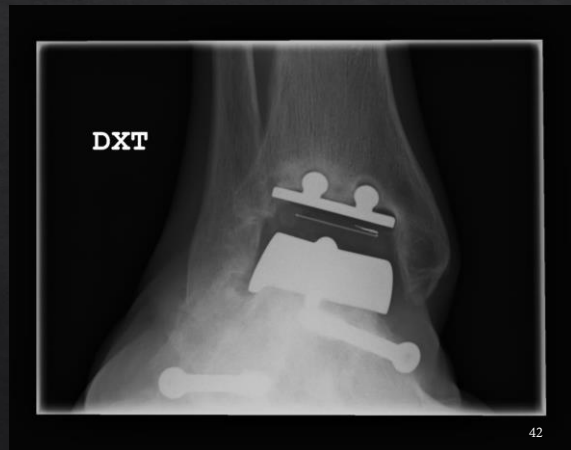
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10 år gammel protese, nu akutte smerter.



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STAR protese med et års mellemrum



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Protese problemer

- ◇ Generelt:
- ◇ Materiale svigt
- ◇ Materiale slid
- ◇ Løsning/ stillingsændring
- ◇ Infektion
- ◇ Frakturer ved alloplastikken, eller tæt herpå
- ◇ Fodledsproteser:
- ◇ Cyster
- ◇ Knoglekollaps
- ◇ Kollision
- ◇ Irritation af sene

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Subtalærleddet

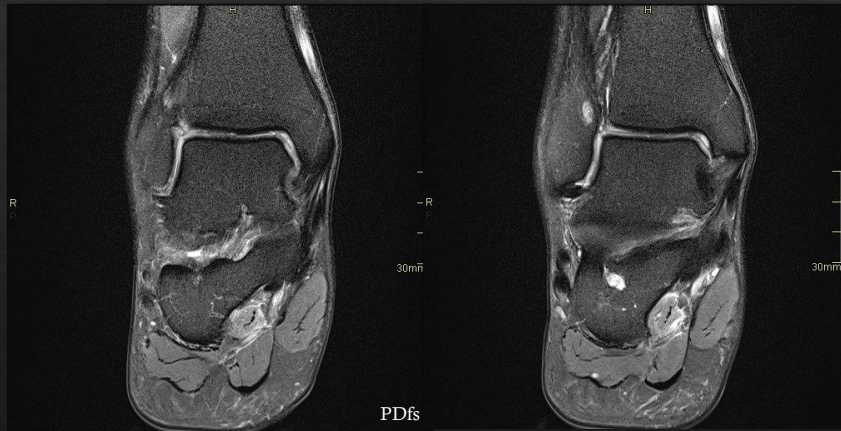
Inkl. calcaneus

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Smerter i foden ved belastning Forandringer?



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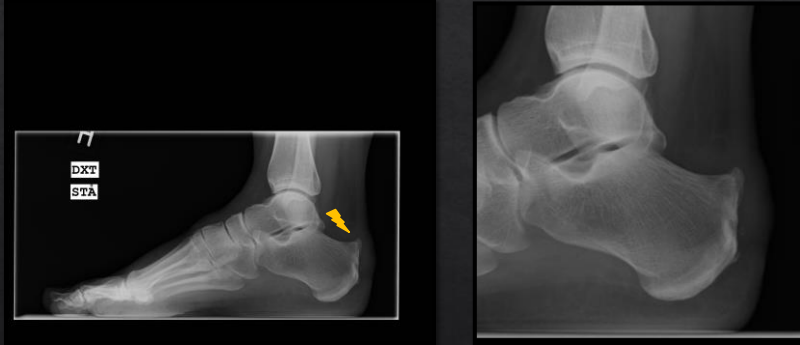
Mb. Haglund

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Mb. Haglund



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Mb. Haglund / Haglunds deformitet



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Post operativt.

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Choparts led

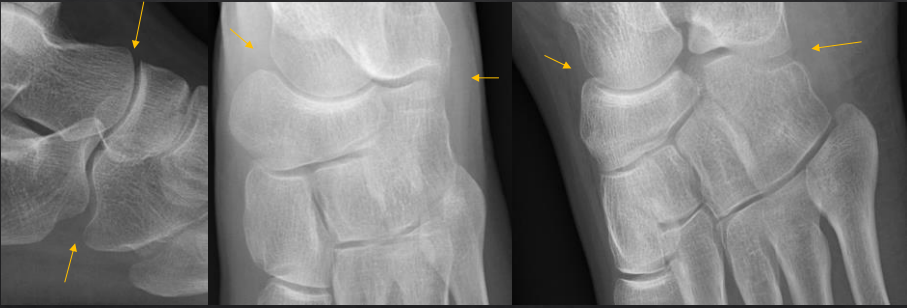
Talo-
naviculær led
Calcaneo-
cuboidal led
Os naviculare,
cuboideum og
ossa
cuneiformia

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Choparts led



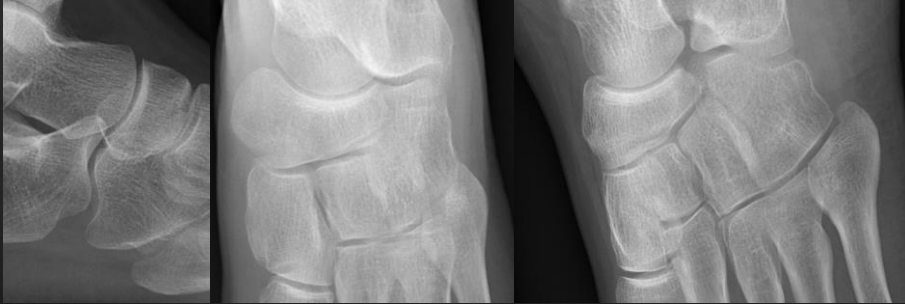
Side-, DP- og skråprojektion

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Choparts led



Sklerose svarende til ledfacetten på os naviculare?

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Case: 9-årig dreng, obs. calcaneus fraktur



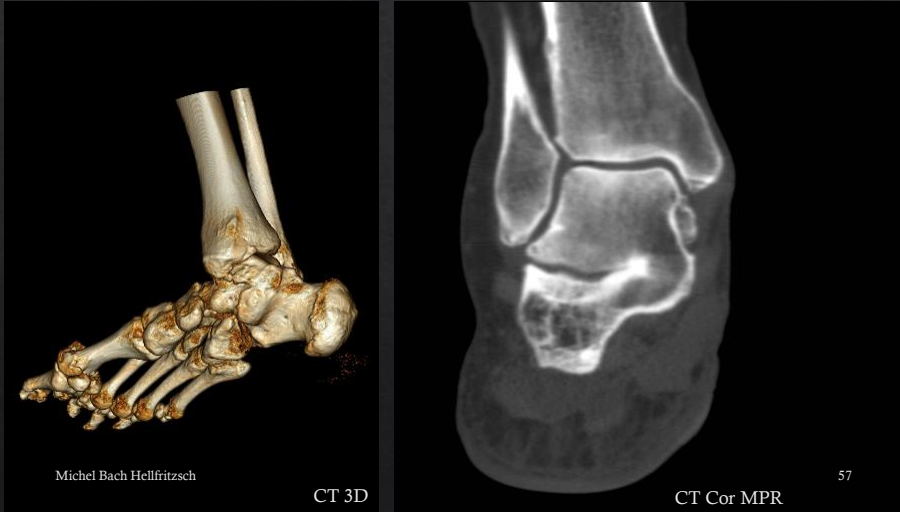
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Case: 9-årig dreng, obs. calcaneus fraktur



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Talocalcanæar coalitio (Median bar coalitio).



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Median bar: MR



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Chopartleds artrose

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Artose Rtg.



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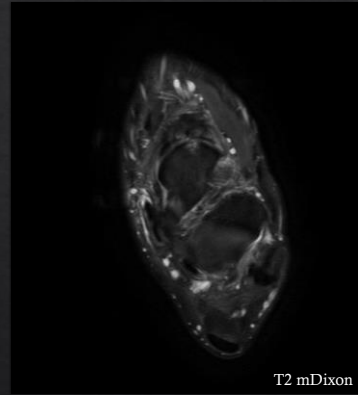
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Artrose MR



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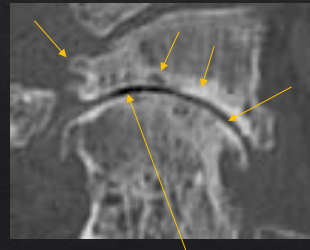
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Artrose CT



- ◇ Ledspalteafsmalning
- ◇ Sklerosering
- ◇ Cyster
- ◇ Osteofytter



Vakuüm fænomen - har intet med artrose at gøre, men da der er luft, er der ingen ledbrusk her.

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Lisfrancs led

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DP-optagelse uden belastning



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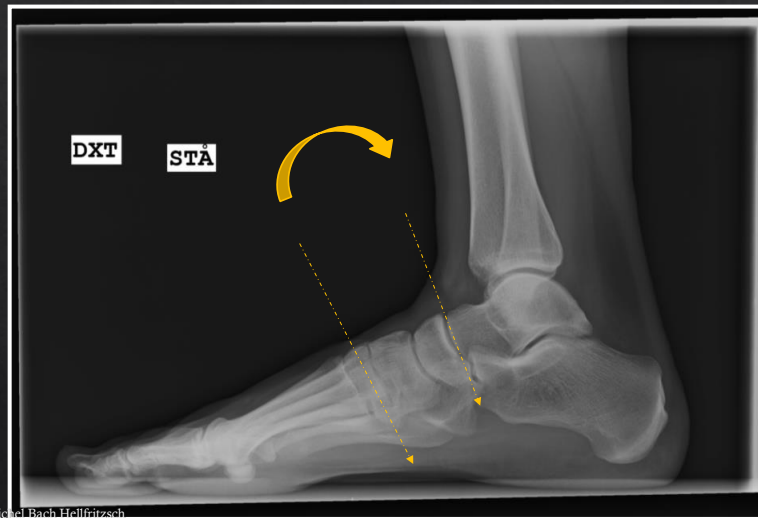
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DP-optagelse kippet hhv 0° og 15°



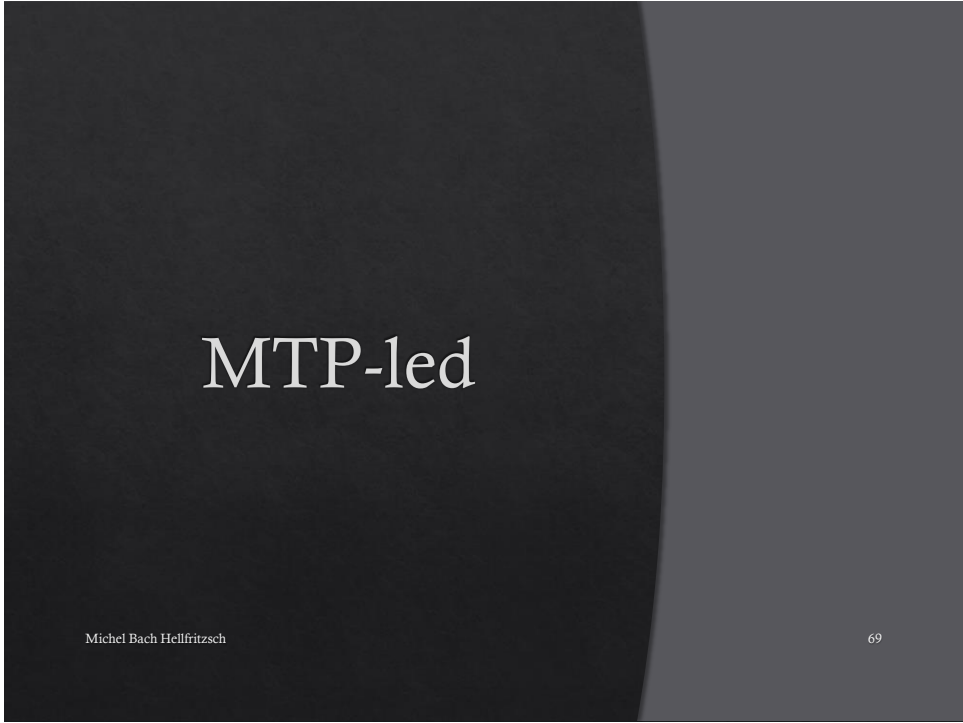
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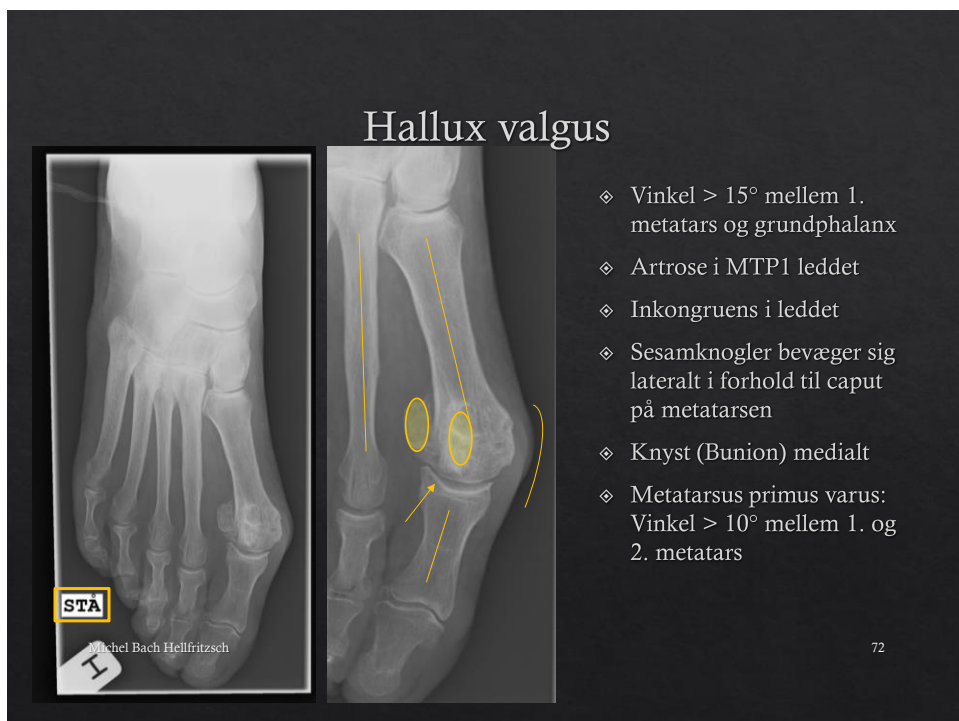
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Interphalangeal valgus



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14 år

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Interphalangeal valgus



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10 år



14 år

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Hallux rigidus

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Hallux rigidus



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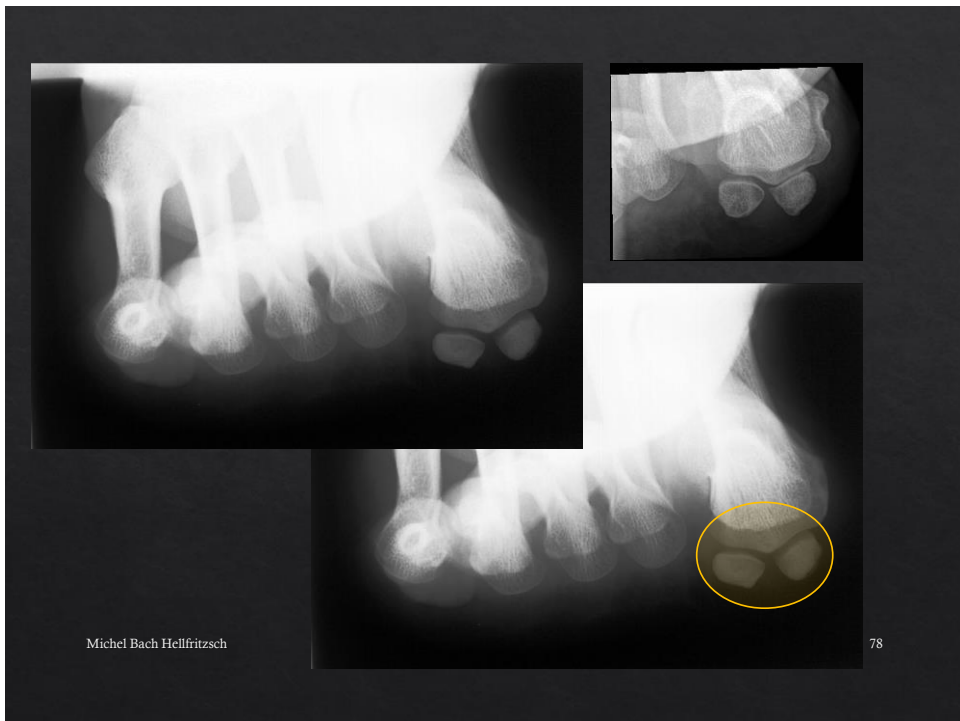
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Sesamknogler med MTP-1

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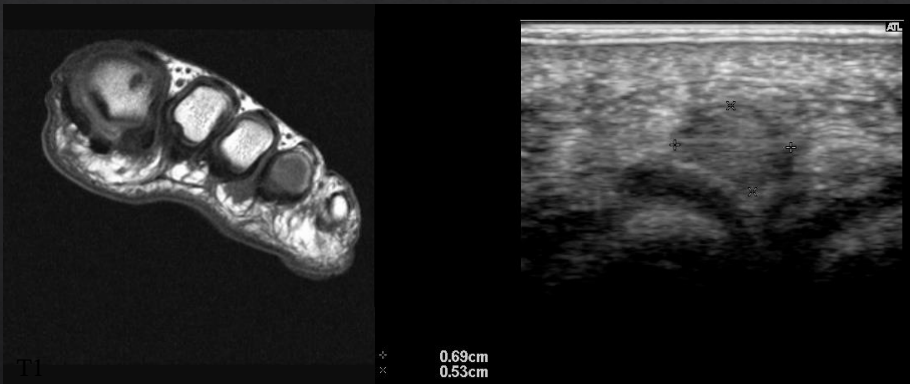
Mortons neurom

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Mortons neurom



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Sener

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Seneforandringer

- ◇ Tendovaginit
- ◇ Tendinose/Tendinopati
 - ◇ Senefortykkelse
 - ◇ Seneudtynding
 - ◇ Seneruptur
- ◇ Split tear læsion (hyppigst PB)
- ◇ Traumatisk seneoverskæring, evt. partiel
- ◇ Læsion på retinaklerne

Diagnostik: UL eller MR

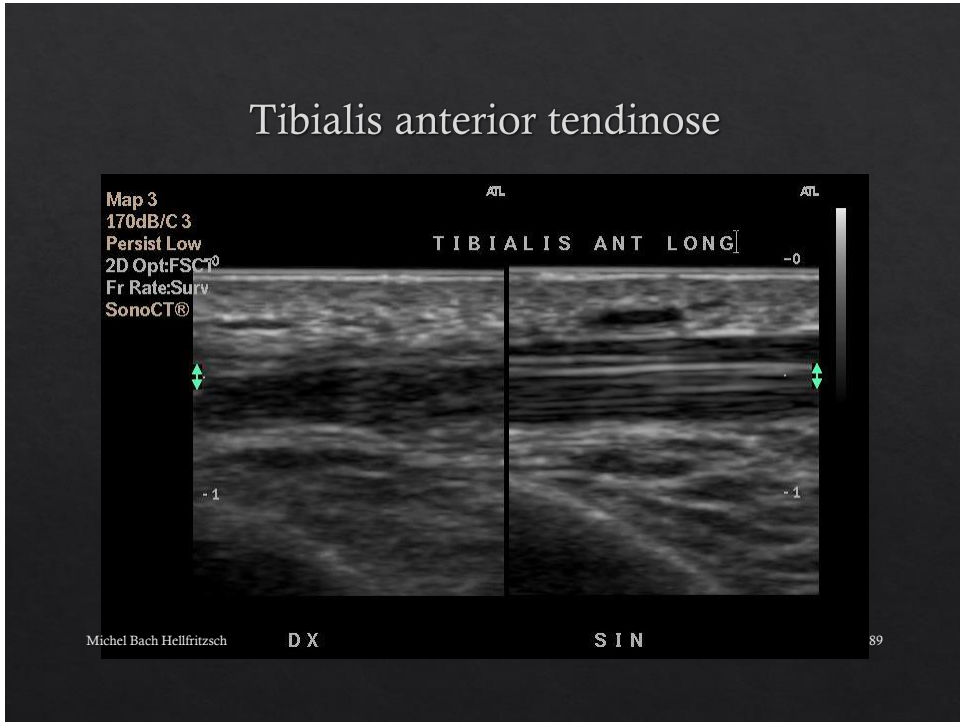
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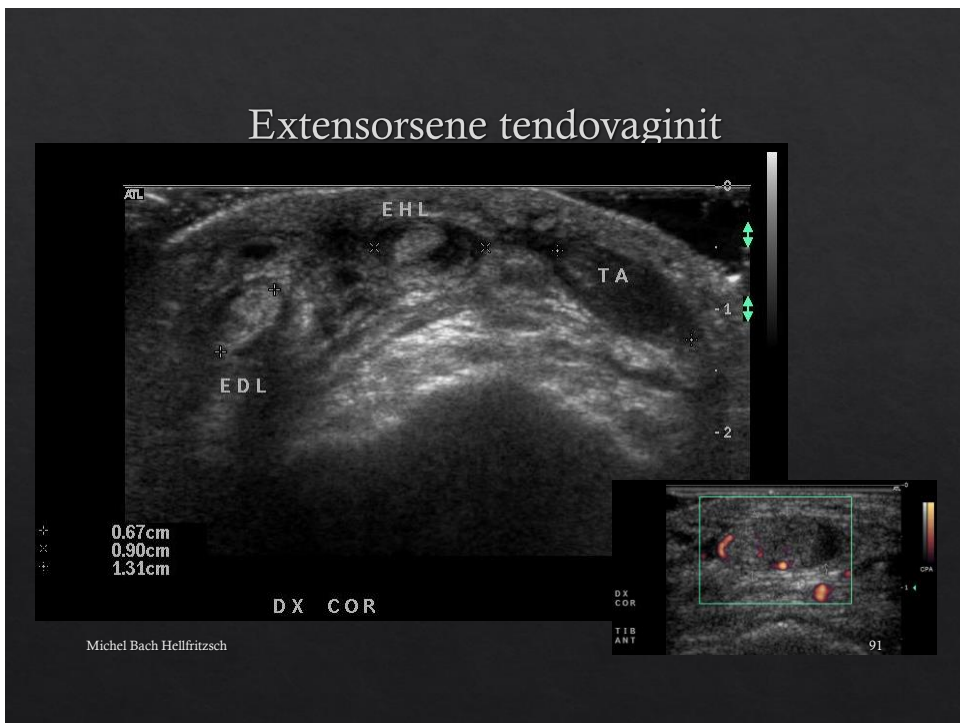
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Tibialis anterior tendinose



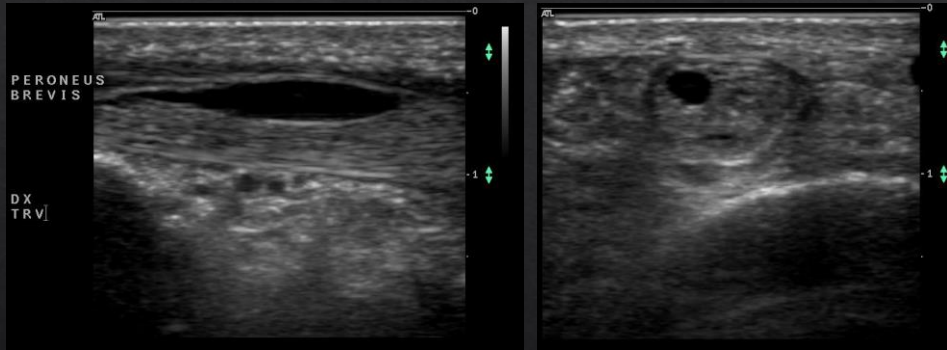
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Extensorsene tendovaginit



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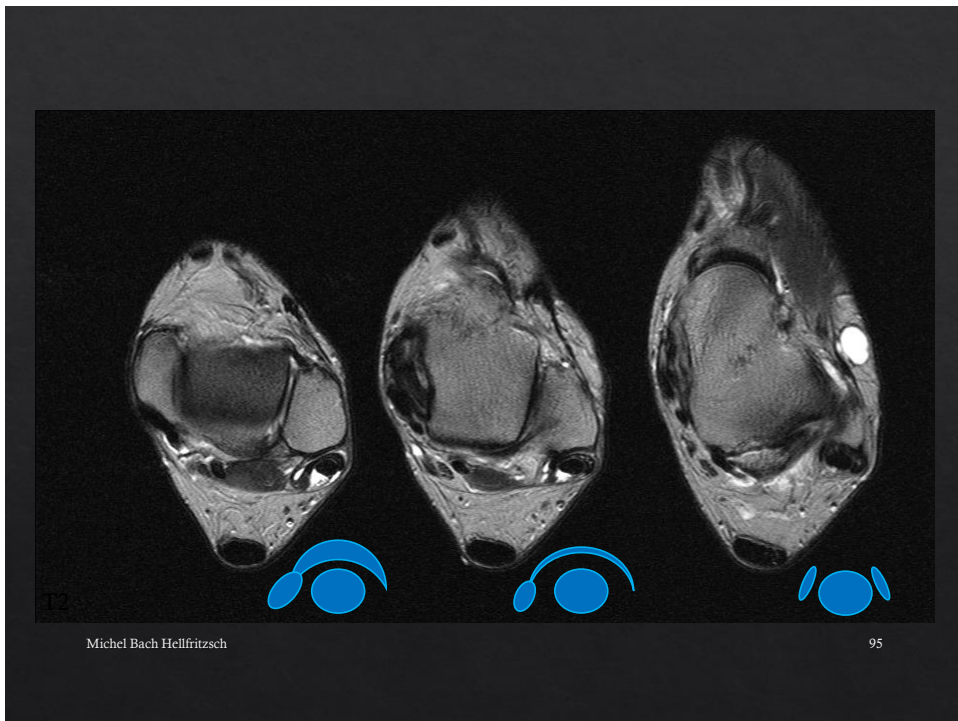
Muroid degeneration i peroneus brevis sene



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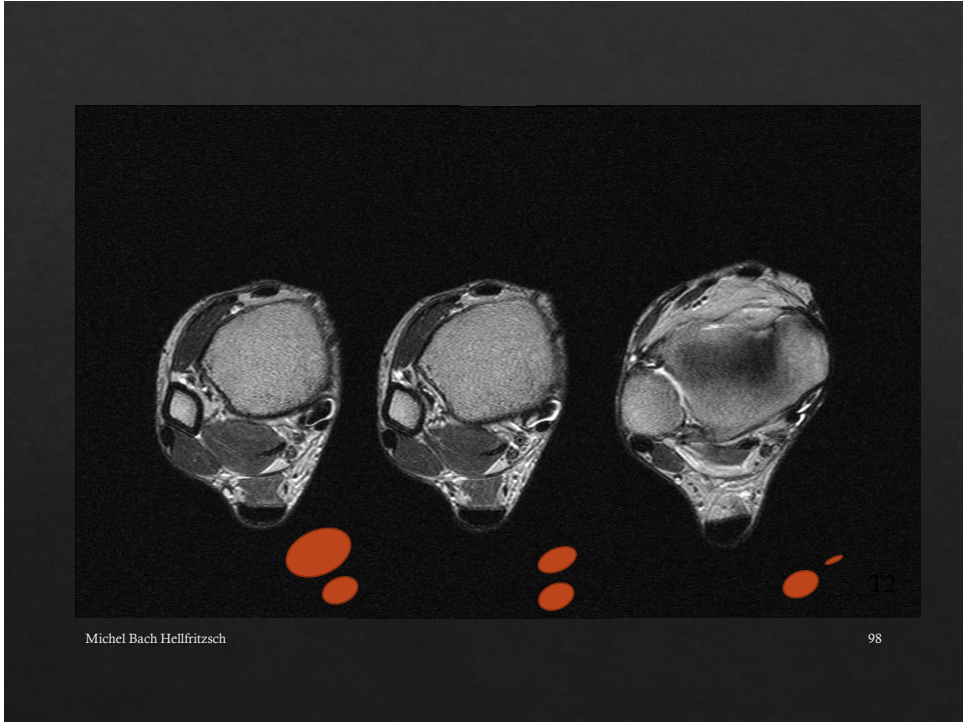
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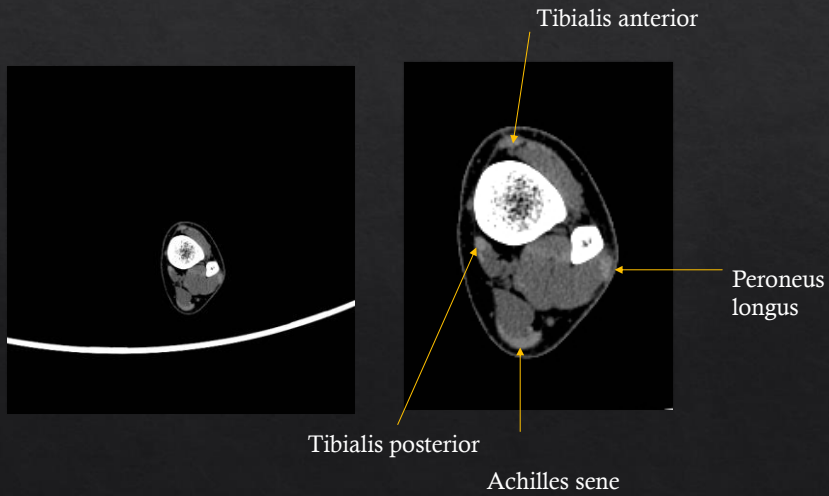


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100

Yngre kvinde: W/L 313/103 ("Sene vindue")



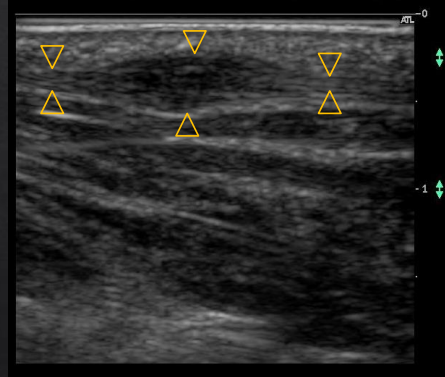
101

46-årig kvinde med hævelse i planta pedis



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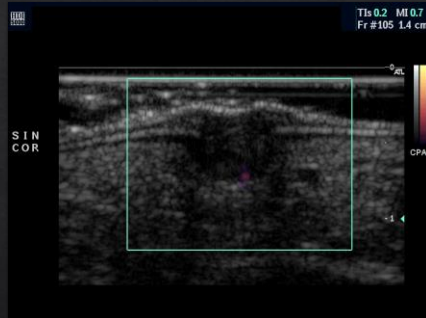
46-årig kvinde med hævelse i planta pedis



Nodulær fasciit.
Markering af aponeurosis plantaris.

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13-årig obs fremmedlegeme i planta



Hvad ser vi på billederne?

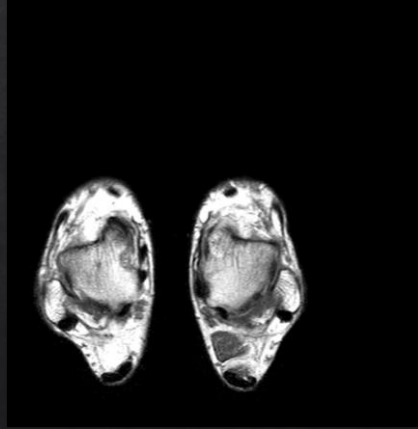
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