

uAIFI^{inside}
uMR[®] 670

**FÁCIL para
Todos**

Not available for sale or clinical use in the U.S.



Sinergia hardware-software para imagens rápidas e de alta qualidade

Uma nova era na imagem por ressonância magnética

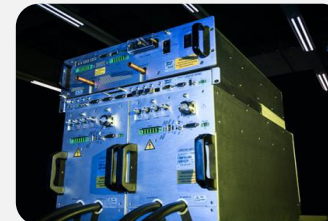


Desempenho Superior de Hardware

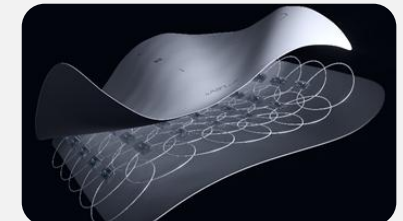
| Homogeneidade de ímãs líder na indústria combinada com desempenho excepcional em RF e bobinas de alta densidade



0.831 ppm @ 50cm DSV¹
0.033 ppm @ 30cm DSV¹



Up to **72** channels



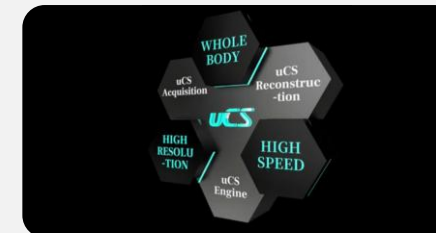
Ultra-high density coils
specialized from **head to toe**

Tecnologia de ponta

| Tecnologia de aquisição de dados e reconstrução de imagem de ponta



Deep learning based
reconstruction



Compressed Sensing

¹ Typical values are measured by V-RMS 24 plane plot.

Bobinas RF para atender a todas as necessidades clínicas

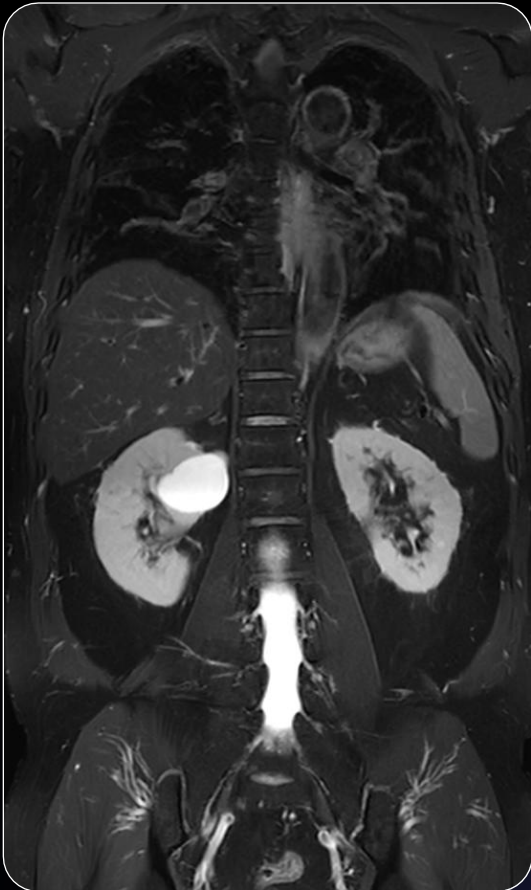
Uma nova geração de bobinas de ultra alta densidade especializada da cabeça aos pés



Com 72 canais de recepção independentes

Homogeneidade de ímãs líder no setor

Entregar uma saturação de gordura pele a pele impecável e qualidade de imagem consistente



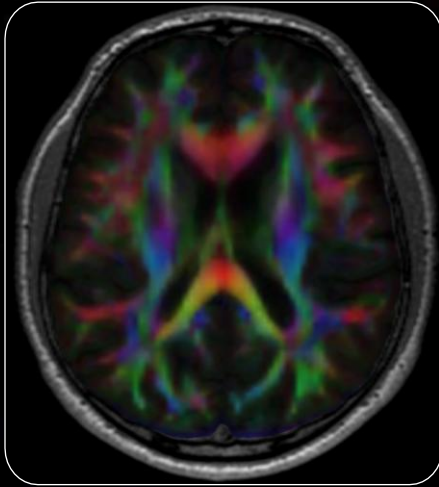
T2 FSE FS TRIG COR
FOV:500×400 mm²
1.04×0.83×6 mm³
2 stations
3:34 min/station



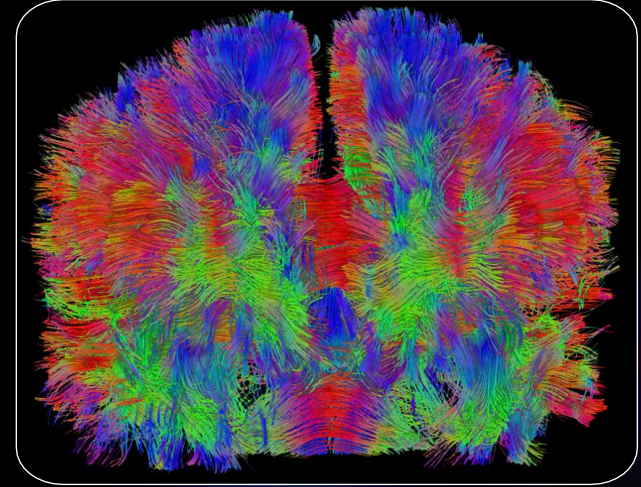
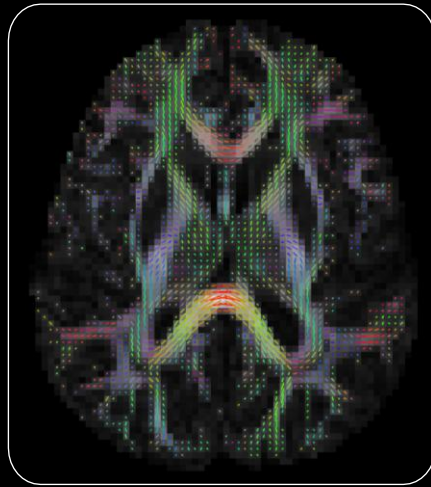
EPI DWI b600
2.22×2.01×6 mm³
8 stations
2:48 min/station

Desempenho em gradiente poderoso

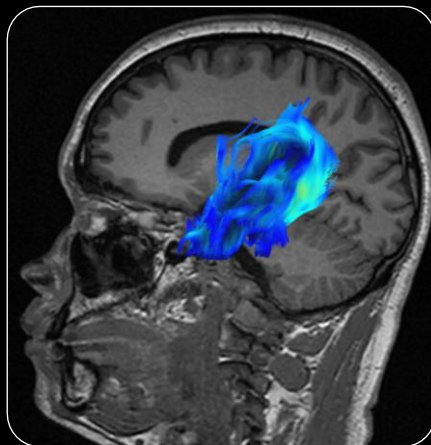
Imagem DTI de 512 direções



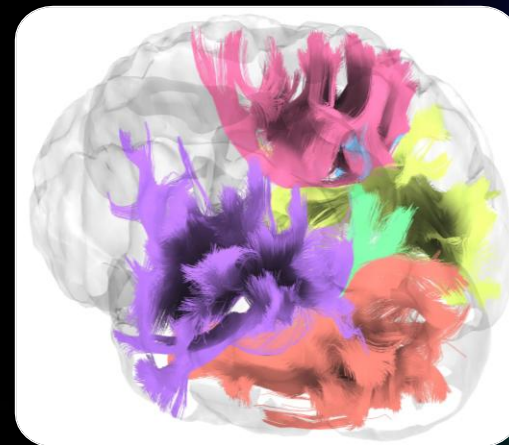
ColorFA



EPI DTI dir 512
2.9x2.2x5 mm³

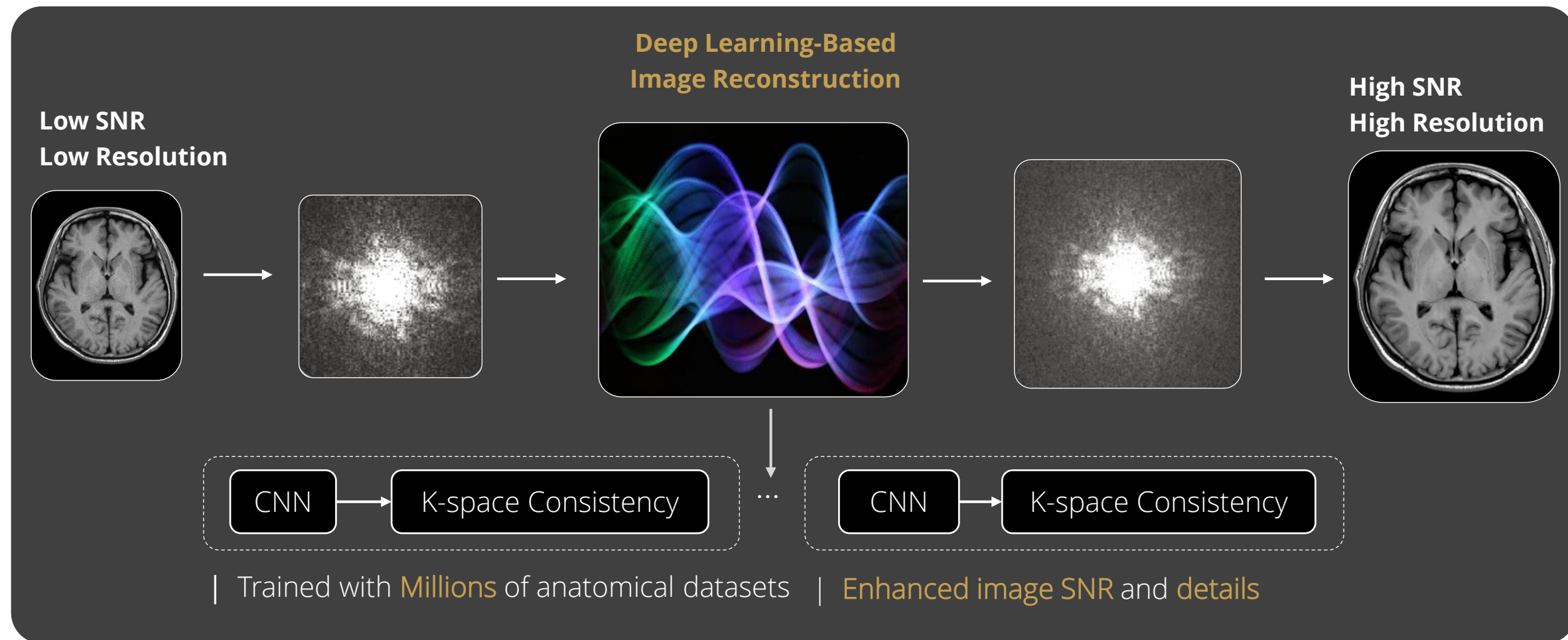


Hippocampus



DeepRecon · Reconstrução de imagens baseada em aprendizado profundo

Eleve suas capacidades clínicas 



UCS platform

Velocidade | Resolução | Corpo inteiro | Sequências 2D/3D/4D 

2D/3D/4D Sequências

Up to **16x** Aceleração¹

2sec/Fase Resolução Temporal



¹ Compared to non-accelerated imaging techniques.

uCS×DeepRecon™: Fast than ever

Tempo de varredura mais curto para uma experiência mais confortável do paciente

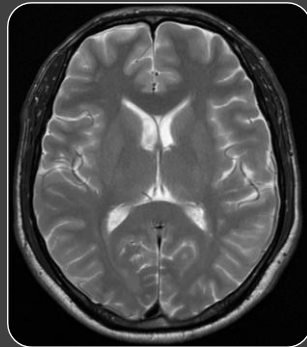


Conventional

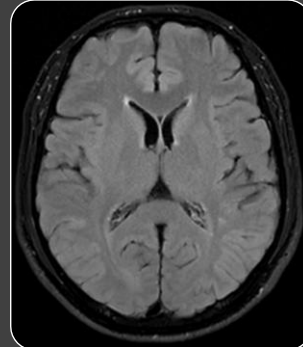
Total Exam: 11:28 min

49%

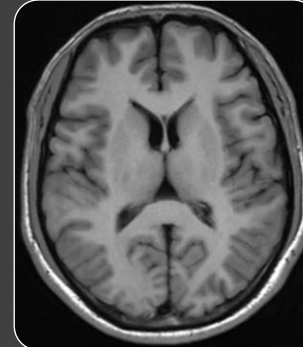
Time reduced



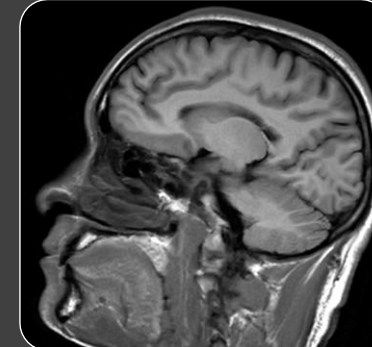
T2 FSE TRA
0.43×0.34×5 mm³
2:45 min



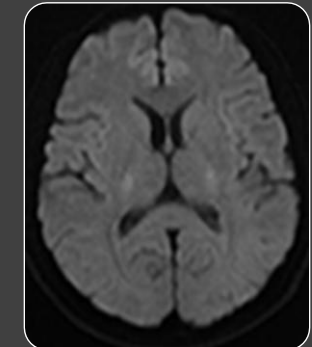
T2 FSE FLAIR TRA FS
0.60×0.60×5 mm³
2:24 min



T1 FSE FLAIR TRA
0.60×0.60×5 mm³
2:44 min



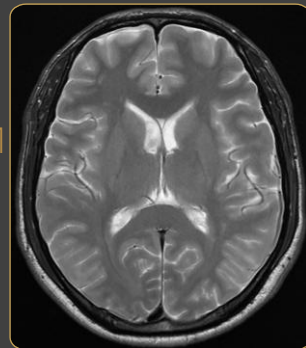
T1 FSE FLAIR SAG
0.60×0.60×5 mm³
2:36 min



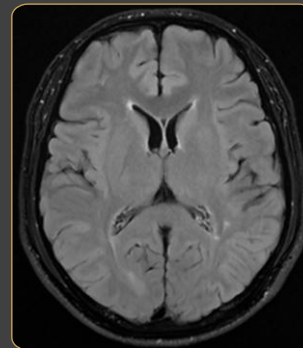
EPI DWI TRA b1000
0.90×0.90×5 mm³
AD: 59 s

uCS×DeepRecon™

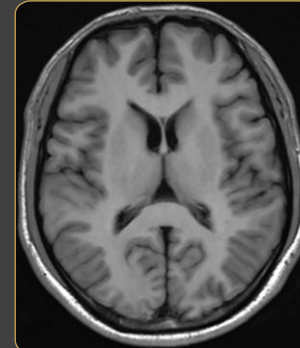
Total Exam: 5:51 min



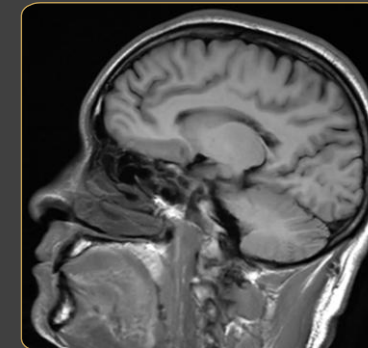
T2 FSE TRA
uCS DeepRecon™
0.43×0.34×5 mm³
AD: 1:15 min



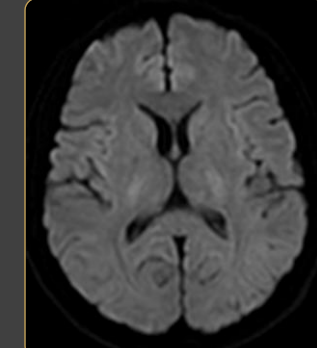
T2 FSE FLAIR TRA FS
uCS DeepRecon™
0.60×0.60×5 mm³
1:20 min



T1 FSE FLAIR TRA
uCS DeepRecon™
0.60×0.60×5 mm³
1:19 min



T1 FSE FLAIR SAG
uCS DeepRecon™
0.60×0.60×5 mm³
1:12 min



EPI DWI TRA b1000
DeepRecon™
0.90×0.90×5 mm³
45 s

uCS×DeepRecon: Fast than ever

Tempo de varredura mais curto para uma experiência mais confortável do paciente



Conventional

Total Exam: 12:05 min

43%

Time reduced



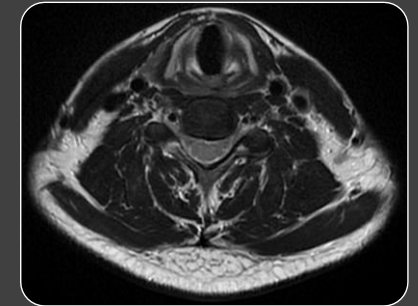
T2 FSE SAG
0.57×0.63×3 mm³
3:06 min



T1 FSE SAG
0.59×0.48×3 mm³
2:40 min



STIR FSE SAG
0.67×0.50×3 mm³
3:56 min



T2 FSE TRA
0.49×0.42×3 mm³
2:23 min

uCS×DeepRecon™

Total Exam: 6:51 min



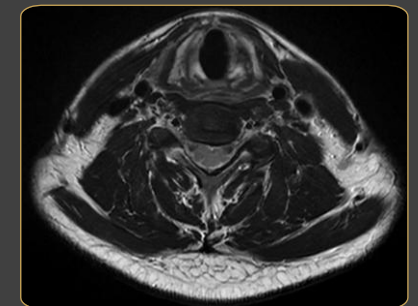
T2 FSE SAG
uCS DeepRecon™
0.57×0.63×3 mm³
1:32 min



T1 FSE SAG
uCS DeepRecon™
0.59×0.48×3 mm³
1:45 min



STIR FSE SAG
uCS DeepRecon™
0.67×0.50×3 mm³
2:16 min



T2 FSE TRA
uCS DeepRecon™
0.49×0.42×3 mm³
1:18 min

uCS×DeepRecon: Fast than ever

Tempo de varredura mais curto para uma experiência mais confortável do paciente

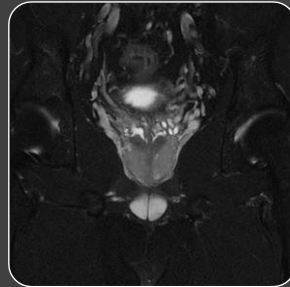


Conventional

Total Exam: 18:03 min



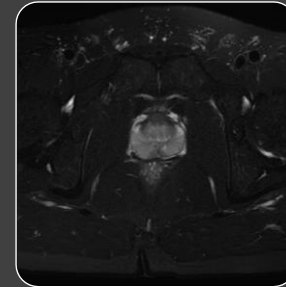
T2 FSE SAG
0.58×0.52×4 mm³
3:02 min



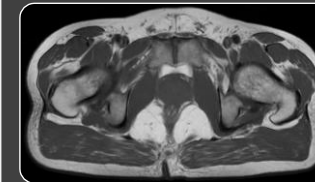
T2 FSE COR FS
0.58×0.52×4 mm³
2:51 min



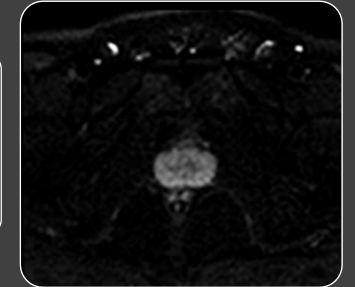
T2 FSE TRA
0.52×0.52×4 mm³
3:12 min



T2 FSE TRA FS
0.58×0.52×4 mm³
3:12 min



T1 FSE TRA
0.62×0.56×5 mm³
AD: 2:56 min



EPI DWI TRA b800
0.89×0.89×4 mm³
2:50 min

45%

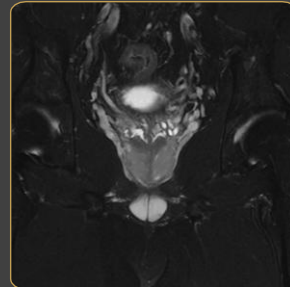
Time reduced

uCS×DeepRecon™

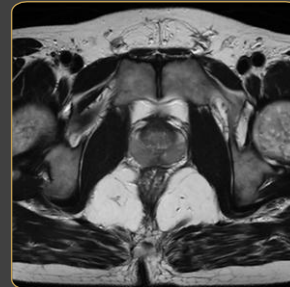
Total Exam: 10:01 min



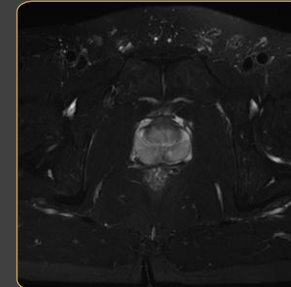
T2 FSE SAG
uCS DeepRecon™
0.58×0.52×4 mm³
1:07 min



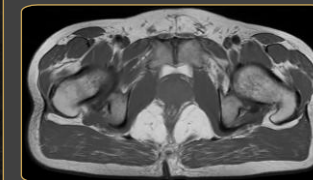
T2 FSE COR FS
uCS DeepRecon™
0.58×0.52×4 mm³
1:18 min



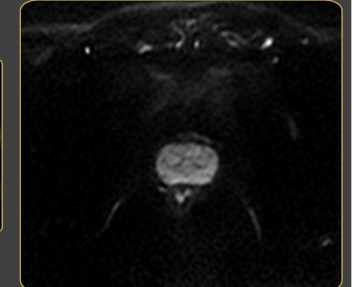
T2 FSE TRA
uCS DeepRecon™
0.52×0.52×4 mm³
1:22 min



T2 FSE TRA FS
uCS DeepRecon™
0.58×0.52×4 mm³
1:34 min



T1 FSE TRA
uCS DeepRecon™
0.62×0.56×5 mm³
1:50 min



EPI DWI TRA b800
DeepRecon™
0.89×0.89×4 mm³
2:50 min

Soluções abrangentes de controle de qualidade habilitadas por IA

Garanta consistência dos resultados, independentemente do usuário

EasyScan

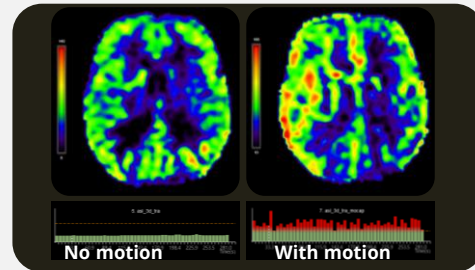
 AiFi Technology



Localização automática de fatias

MoCap

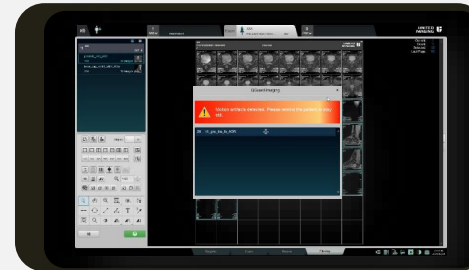
 AiFi Technology



Captura de movimento em tempo real

ImageGuard

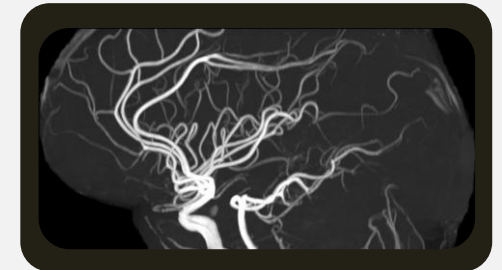
 AiFi Technology



Detecção automática de artefatos acionada por IA

EasyCrop

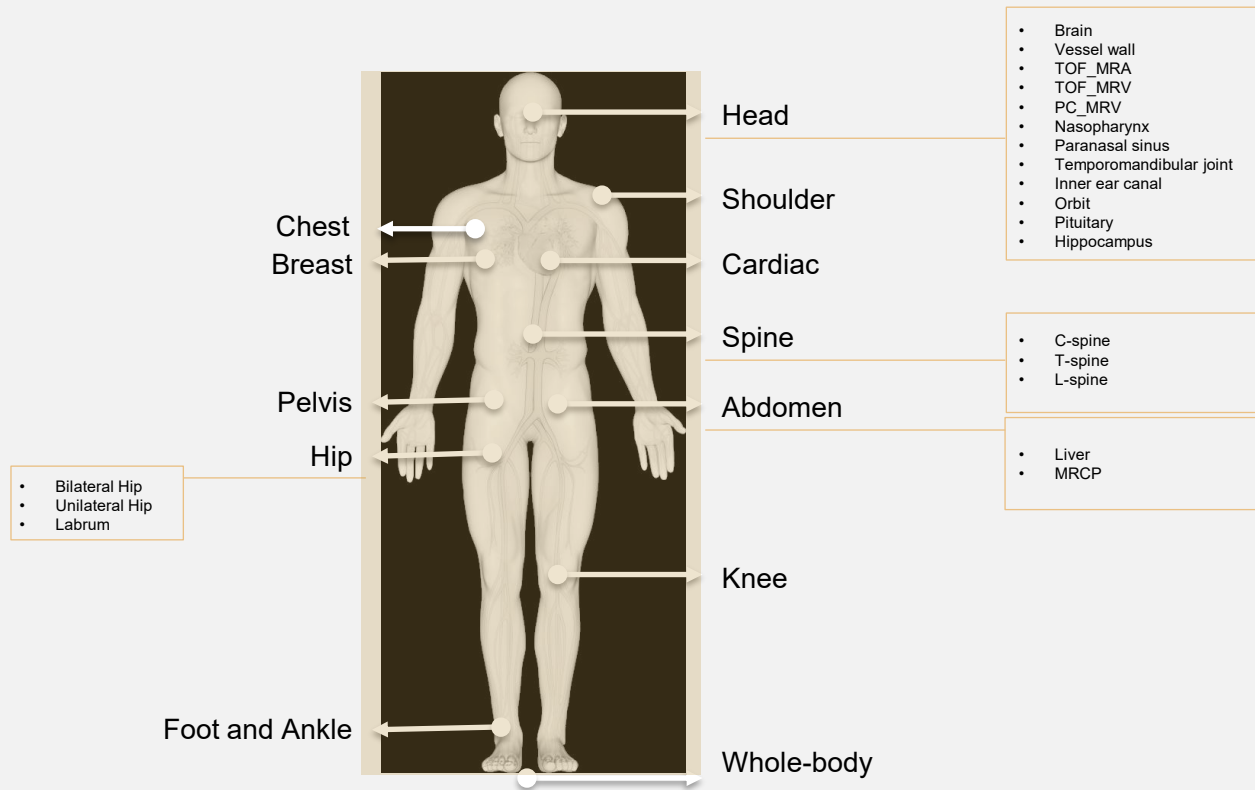
 AiFi Technology



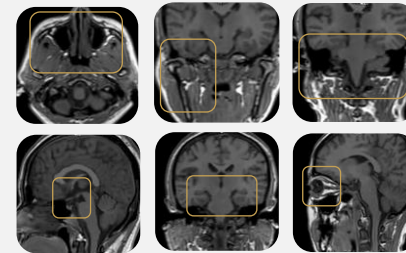
Corte automático de recipientes baseado em IA

Posicionamento inteligente e automatizado com ONE-click

EasyScan 



~ 30 clinical body parts
10+ head sub-regions



MPR de 3 planos em
reconhecimento

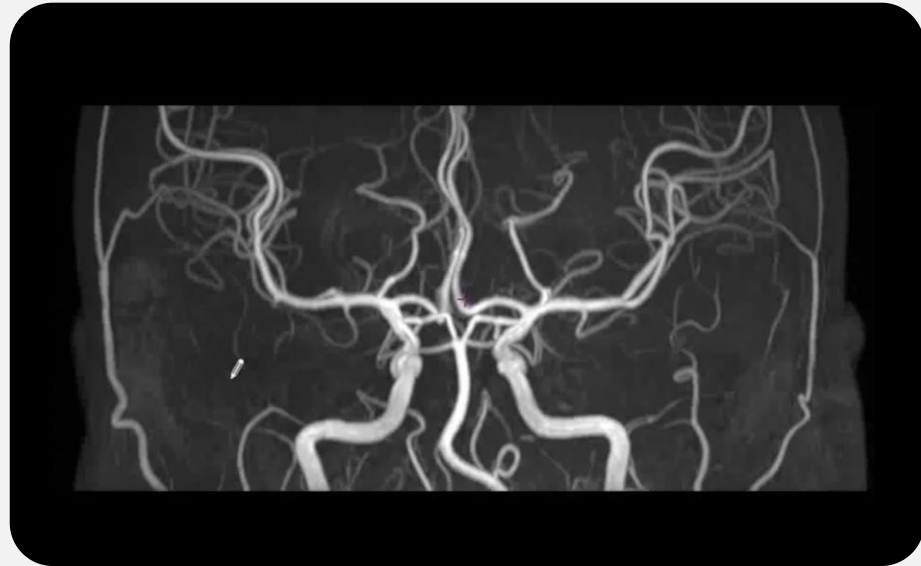
Orientação anatômica automática

Marcagem vertebral em linha

Corte automático de recipientes baseado em IA

Extremamente simples de operar

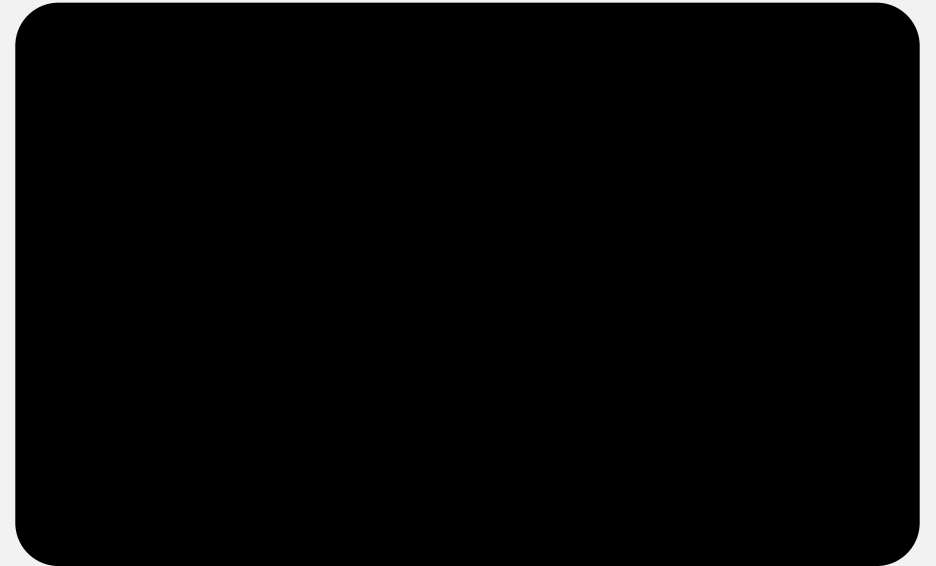
 **Cultivo tradicional**



Processamento manual
Centenas de teclas
Tempo de processamento
de 5 minutos



EasyCrop



Corte totalmente automático
0 botão de pressão, 0 atraso
de tempo
Liberar ≥1 pessoal

Captura de movimento em tempo real

MoCap  AiFI Technology

Visualização de movimento em tempo real

Sinal de movimento gerado inteligentemente em curvas dinâmicas de movimento

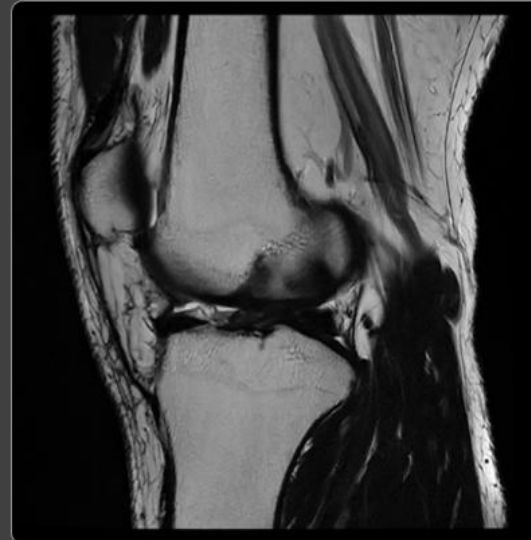
Sem um acessório adicional

Incorporação do módulo de monitoramento de movimento dentro da lacuna do módulo de aquisição de dados

Cobertura corporal total

Aplicável a todas as partes do corpo em imagens 2D e 3D de vários contrastes

No motion



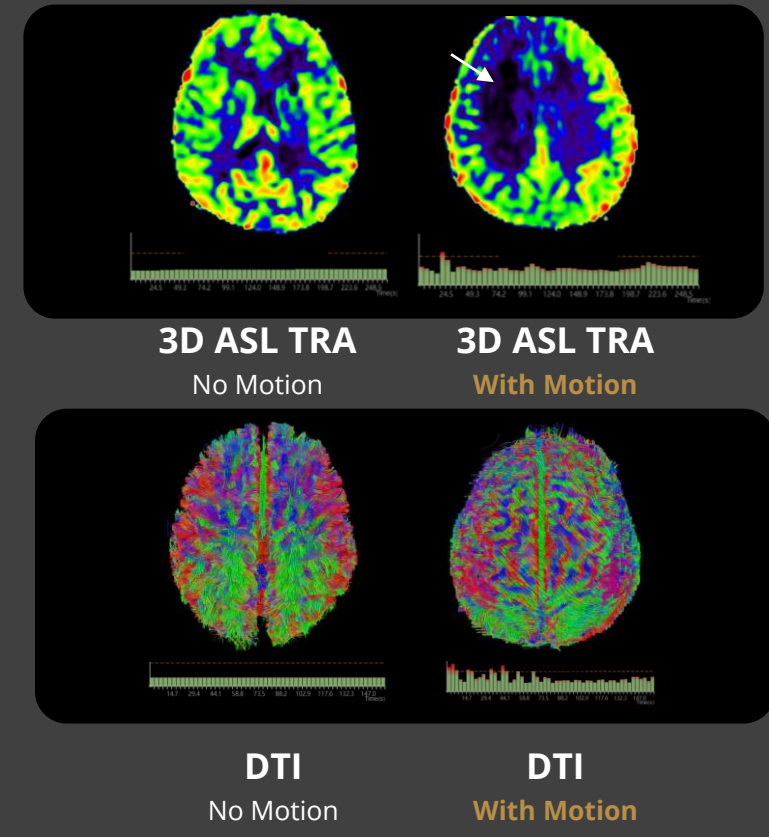
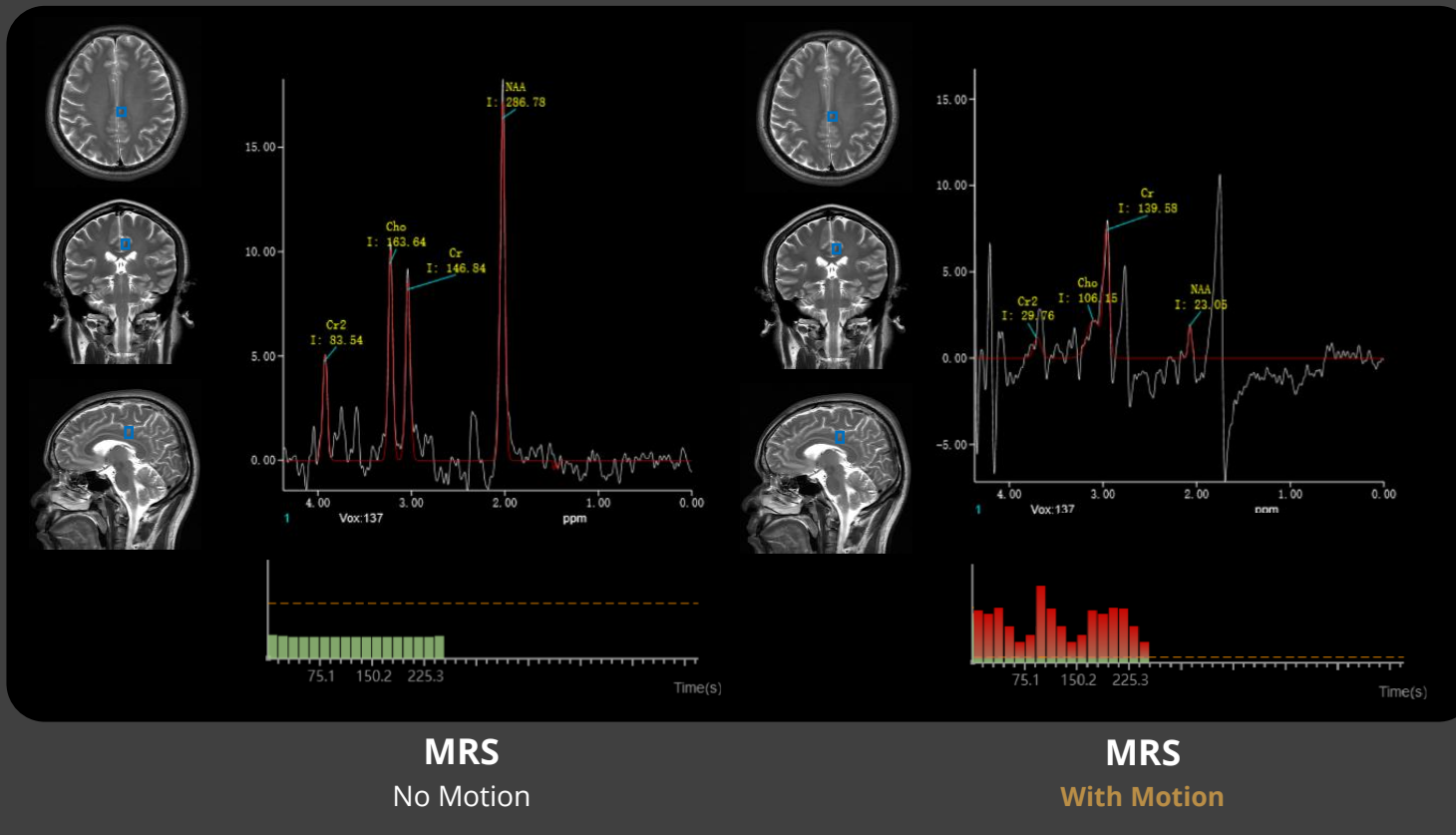
With motion



Captura de movimento em tempo real

MoCap 

Difícil distinguir artefatos em imagens funcionais? Mocap!



Detecção automática de artefatos acionada por IA

ImageGuard 

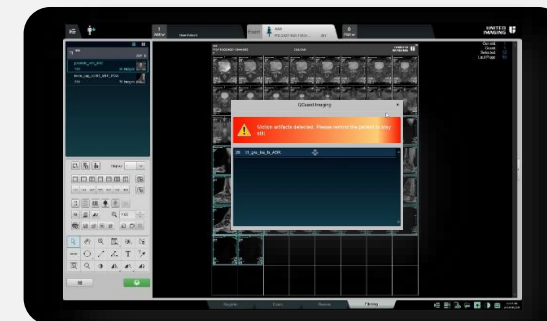
Lembretes em tempo real
A qualquer hora,
Em qualquer lugar



Interface de varredura

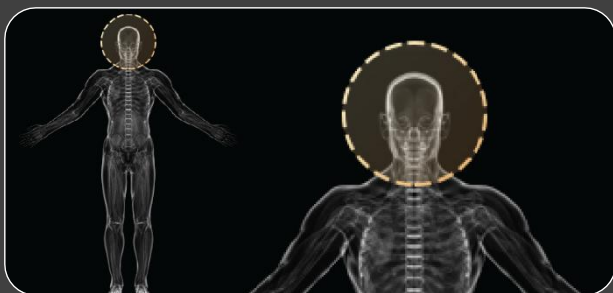


Revisão da interface

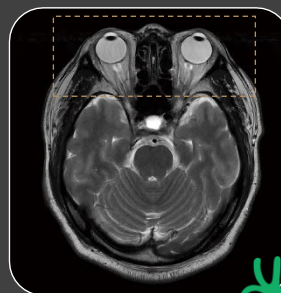


Interface de impressão

Reconhecimento inteligente de ROI e correspondência de diagnóstico



ROI extraction

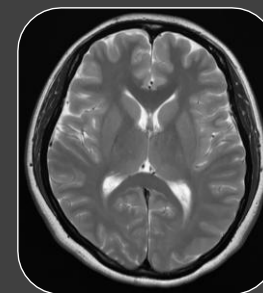


Eye movement
artifacts **do not**
affect diagnosis

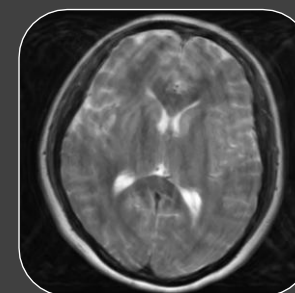


Intracranial
artifacts **affect**
diagnosis

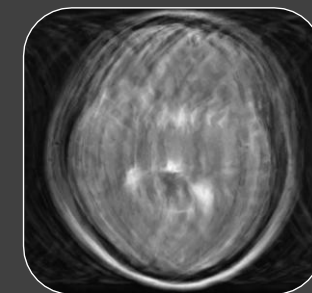
Limiar de popup personalizável



No movement



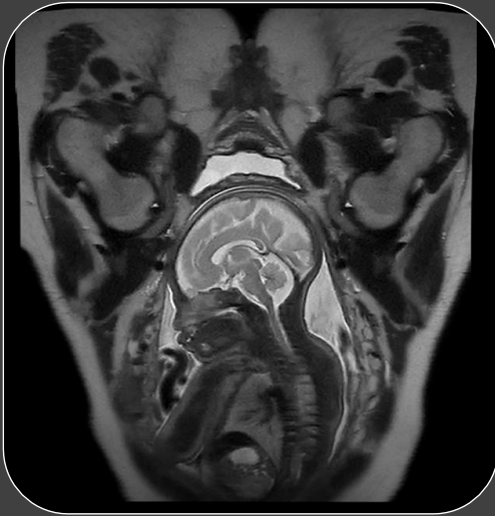
Slight movement



Vigorous movement

Abrace cada paciente: imagem fetal

Proporcionar uma experiência de escaneamento confortável



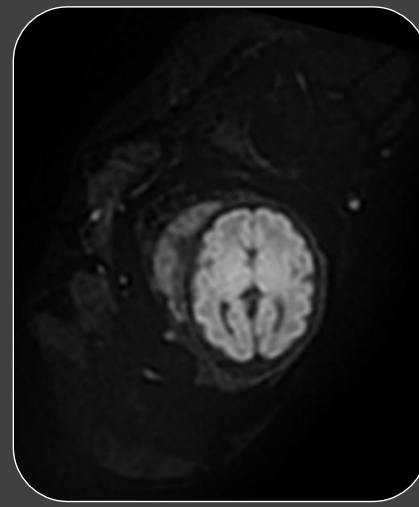
T2 SSFSE SAG



T2 SSFSE COR



T2 SSFSE TRA



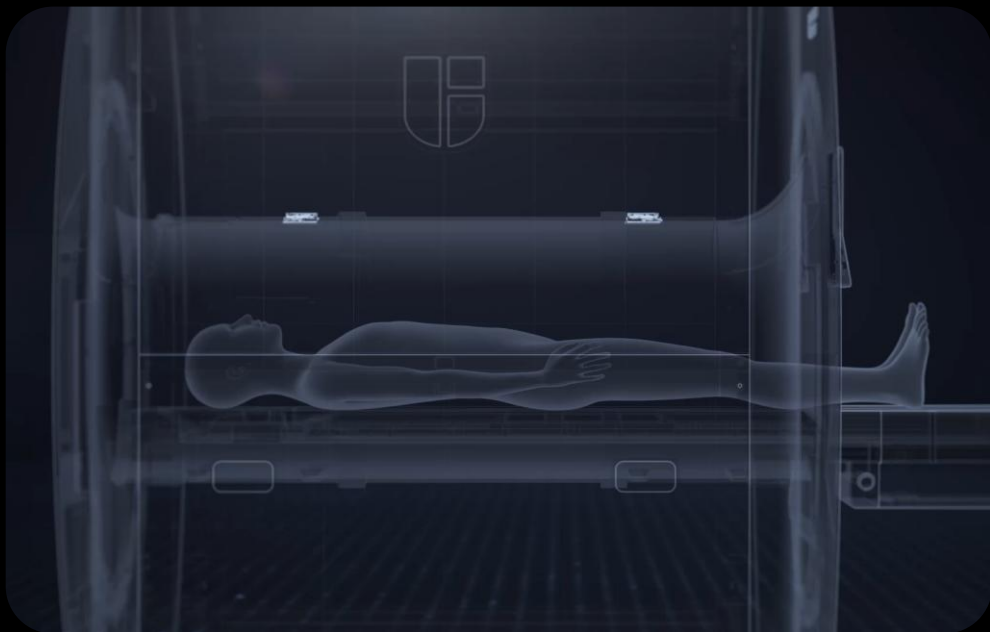
EPI DWI TRA



T1 GRE FSP TRA

EasySense · Experiência sem cinto

A primeira solução de radar de ondas milimétricas de dupla fonte da indústria **AiFi Technology**



| Design Integrado

Totalmente integrado dentro do diâmetro de ressonância magnética

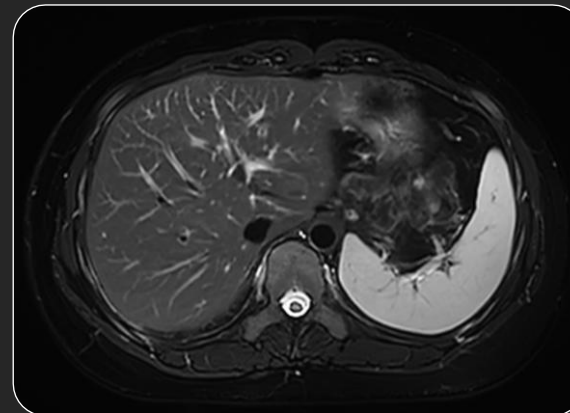
| Radar de ondas milimétricas

Não é prejudicado por roupas ou bobinas de ressonância magnética RF

| Conforto do paciente

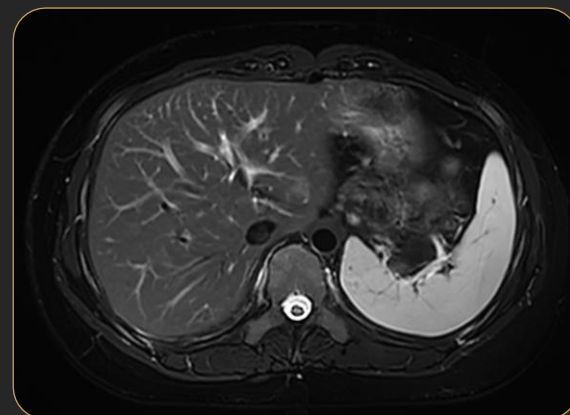
Sensor sem contato, conforto melhorado para pacientes desafiadores

Respiratory belt



T2 FSE TRA FS TRIG

EasySense



T2 FSE TRA FS TRIG

SuperFlex Coil: projetada para conforto

Sensação de cobertor **uAiFI** Technology

SuperFlex Body - 24

Body Exam



SuperFlex Large - 12

Large Joints



SuperFlex Small - 12

Small Joints



SuperFlex Coil: Amplo campo de visão

Sensação de coberto **AIFI** Technology



T2 FSE COR ACS
0.81 x 0.65 x 4 mm³
1:01min

24 ch SuperFlex Body Coil
500 mm coverage



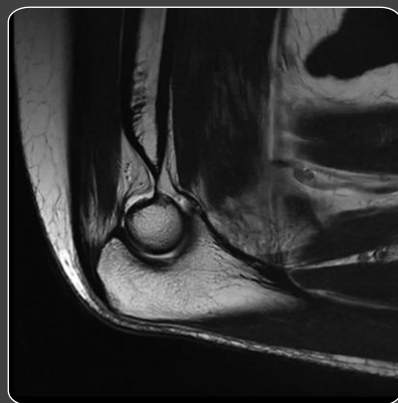
Confortável para pacientes em posições desafiadoras

SuperFlex Coil: Sensação de cobertor 

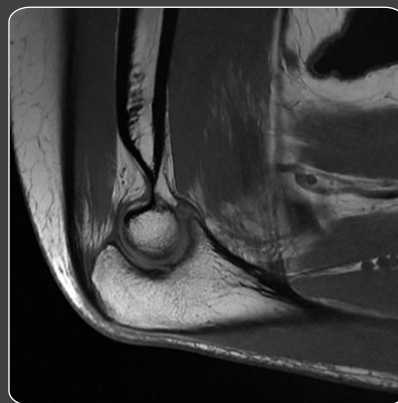


Elbow-flexion

SuperFlex Large



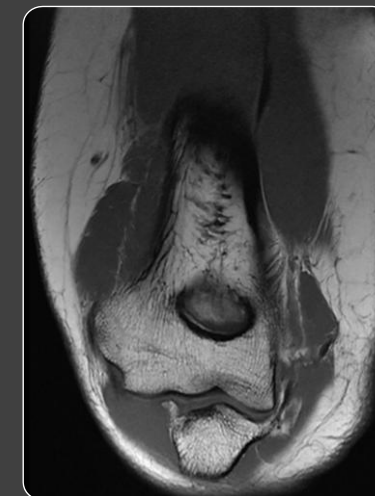
T2 FSE COR ACSTM1 DeepReconTM
0.23×0.23×3 mm³
2:31 min



T1 FSE COR ACSTM1 DeepReconTM
0.23×0.23×3 mm³
2:27 min



T2 FSE SAG ACSTM1 DeepReconTM
0.23×0.23×3 mm³
2:31 min



T1 FSE SAG ACSTM1 DeepReconTM
0.23×0.23×3 mm³
2:32 min

PASSION FOR
Change