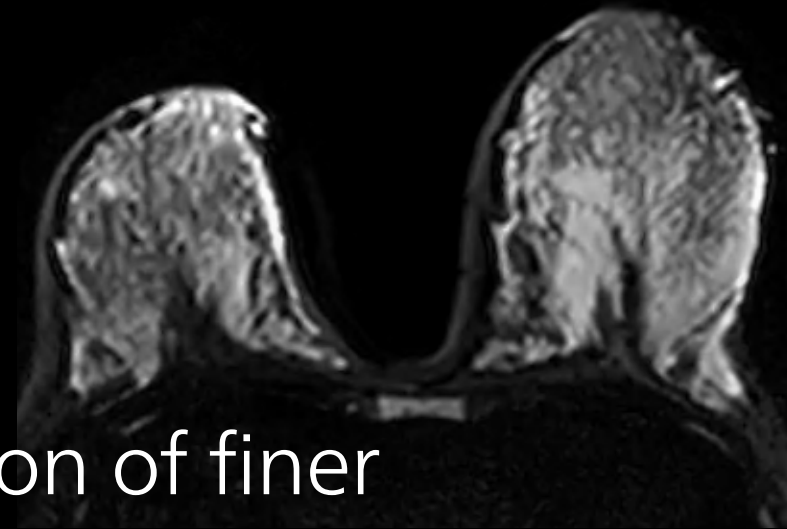


# PHILIPS



## Philips IRIS

# Improve visualization of finer structures<sup>1</sup> with high-quality DWI

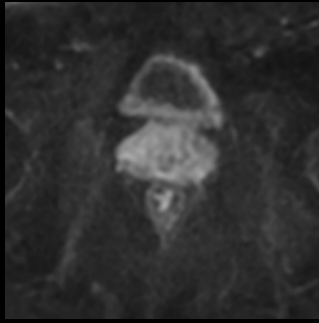
Philips IRIS is an advanced diffusion-weighted imaging (DWI) technique that uses multi-shot EPI in full-FOV scans to reduce geometrical distortion.<sup>1</sup> It shortens the EPI echo train length and improves image quality, enabling up to 25% higher resolution.<sup>1</sup> IRIS enhances anatomical correlation of diffusion weighted scans with other contrast scans and improves visualization of finer structures, supporting more precise diagnostic assessment.<sup>1</sup>

### Product benefits

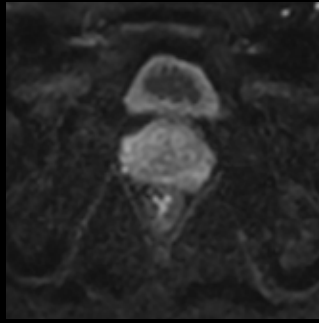
- Up to 25% higher resolution in DWI<sup>1</sup>
- Improves visualization of finer structures within the body<sup>1</sup>
- Reduces geometrical distortion<sup>1</sup>
- Better anatomical correlation for DWI scans with other contrast scans<sup>1</sup>

<b>Field strength</b>	1.5T and 3.0T
<b>Main applications</b>	Oncology (Prostate, Breast)
<b>Maps</b>	ADC
<b>Image types</b>	DWI
<b>Image quality</b>	Reduces geometrical distortion <sup>1</sup> Up to 25% higher resolution in DWI <sup>1</sup>

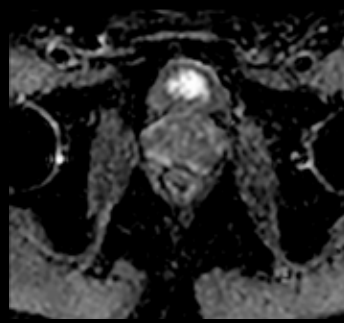
# Philips IRIS



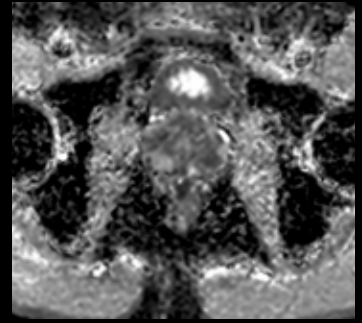
Single Shot Diffusion b1000  
2.4 x 2.4 x 3.0 mm  
2:41 min / TE 55 ms



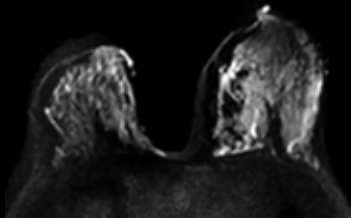
Multi Shot Diffusion IRIS b1000  
2.0 x 2.0 x 3.0 mm  
3:37 min / TE 47 ms



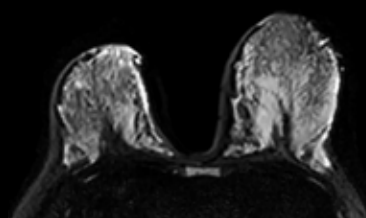
SSh ADC



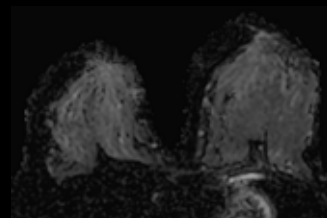
IRIS ADC



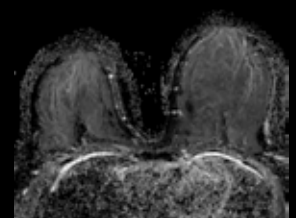
Single Shot Diffusion b800  
2.6 x 2.6 x 3.0 mm  
3:16 min / TE 92 ms



Multi Shot Diffusion IRIS b800  
2.4 x 2.4 x 4.0 mm  
5:28 min / TE 67 ms



SSh ADC



IRIS ADC

System: Top row: MR 7700 system; bottom row: Ingenia 3.0T system

1. Compared to SSh DWI.

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