



**PHILIPS**

Smart Quant  
Cardiac

MR Clinical application

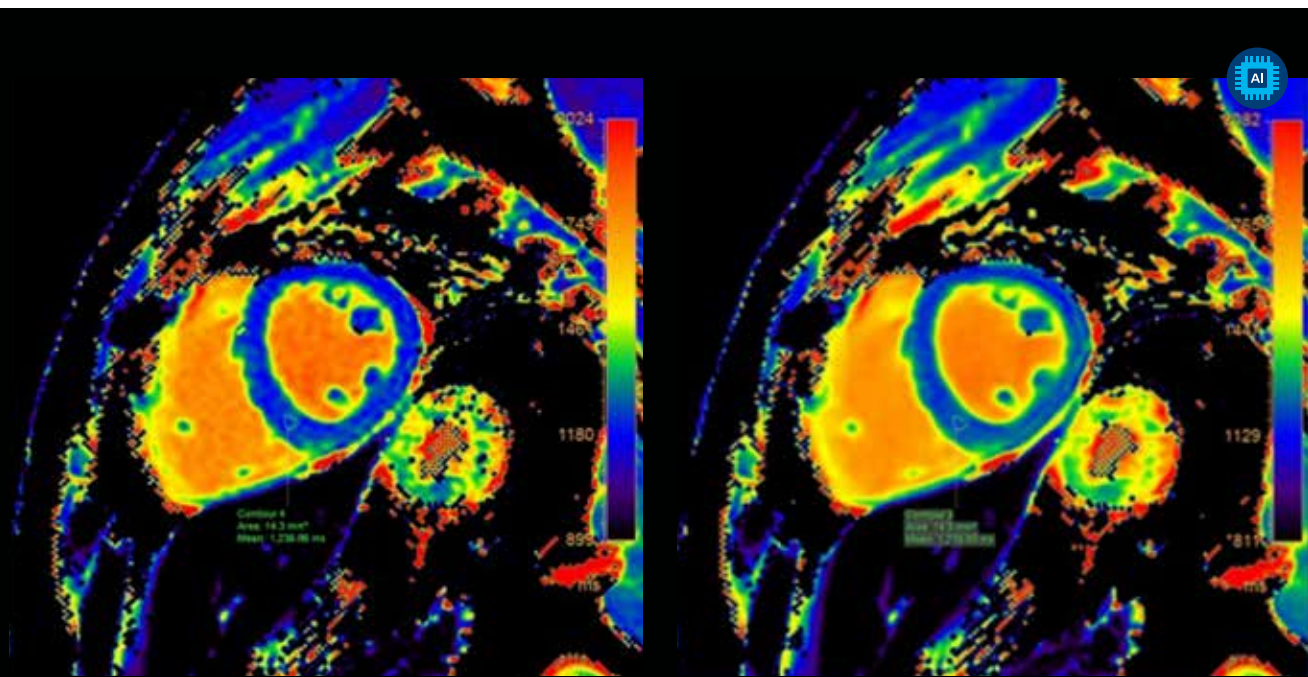
## Quantitative MR imaging with AI technology

Smart Quant Cardiac, a combination of AI reconstruction technology and quantitative MR, is designed to allow you to perform fast and high-quality MR imaging of Cardiac with a single quantification scan to increase your diagnostic confidence.

Smart Quant Cardiac gives you access to exciting advanced applications for cardiology, which can help in the non-invasive assessment of myocardial tissue characteristics. This is done by providing you with comprehensive graphs and pixel-based, quantitative information in different regions of the myocardium, helping you to guide early decisions for therapy.

## Smart Quant Cardiac

FieldStrength	1.5T, 3.0T
Main applications	Cardiac
Sequence	Single breathhold quantification scan
Quantitative images	T2*/R2* maps, based on mFFE sequence. T1/R1 maps with an integrated confidence overlay
Speed	SmartSpeed AI Enhanced SNR and better confidence maps. Ability to acquire a higher resolution scan within the same scan time.



**T1 Mapping - SENSE**  
Resolution: 2.0 x .2.0 x 10.0mm  
Scan time: 0:11 min

**T1 Mapping - SmartSpeed**  
Resolution: 2.0 x .2.0 x 10.0mm  
Scan time: 0:11 min

