

Patient name:	Anonymous	Scan date:	2017-Jul-06
Patient ID:	Anonymous	Scan time:	16:39
Sex:	Male	Referring physician:	Not recorded
Birth date:	1970-Jan-01	Other:	Multislice acquisition

Metrics are displayed as median with interquartile range (IQR) and are calculated from multiple regions of interest over potentially more than one slice. The slices below are examples from the acquisition. Slices are shown on subsequent pages, with more detailed analysis. Please refer to 'A Guide to interpreting Liver Tissue Characterization for Clinicians' available from the Manufacturer.

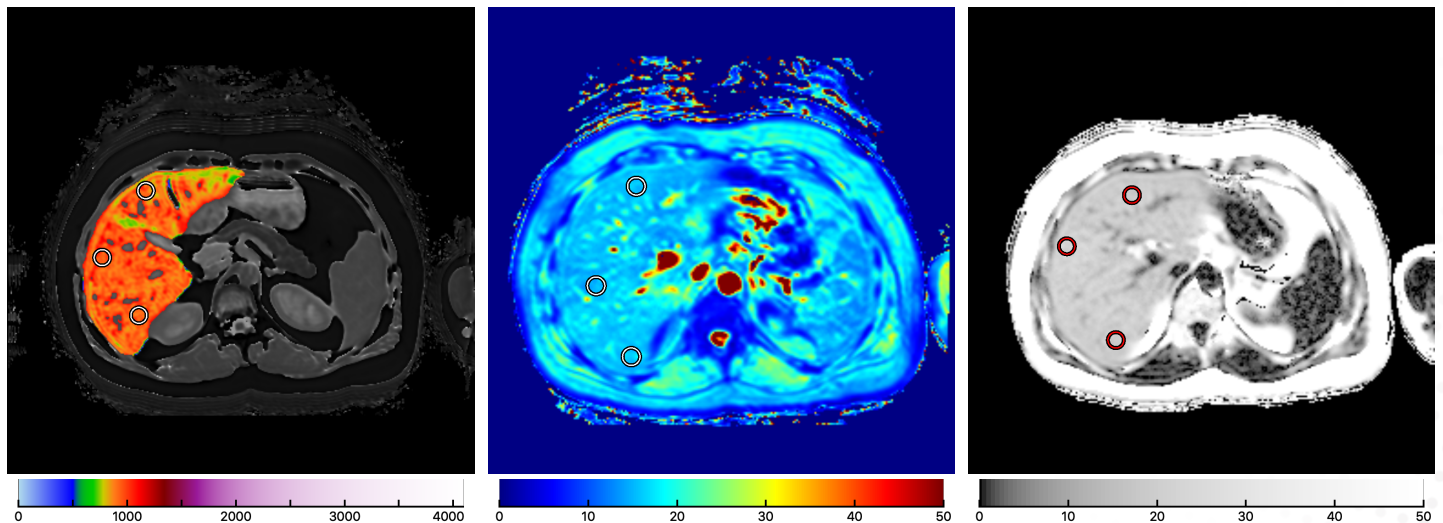
Liver ROI cT1 (ms)	Liver ROI T2* (ms)	Liver ROI PDFF (%)
Median: 937ms	Median: 15.8ms	Median: 20.4%
IQR: 903 to 975ms	IQR: 15.1 to 16.3ms	IQR: 19.4 to 22.4%
Ref range: 633 to 794ms	Reference: >12.5ms at 3T ^A	Reference: <5.6% ^C
cT1 is corrected for iron and field strength ^A	T2* is dependent on field strength	PDFF generated with the IDEAL method

cT1 slice 1 of 4

Series: 20, 21 T2* slice 1 of 1

Series: 27 PDFF slice 1 of 1

Series: 23, 25

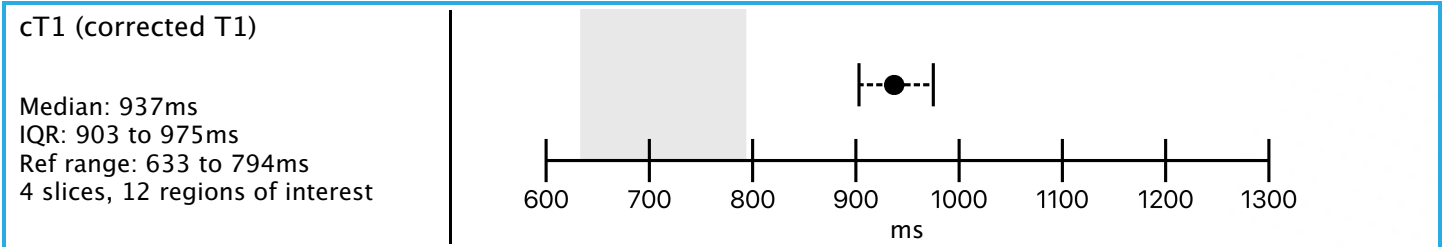


Colormaps serve purely as a visual aid and shall in no way be considered indicative of a diagnostic decision. The clinician must be cautious when interpreting cT1 and, in particular, be aware of the non-meaning of color.

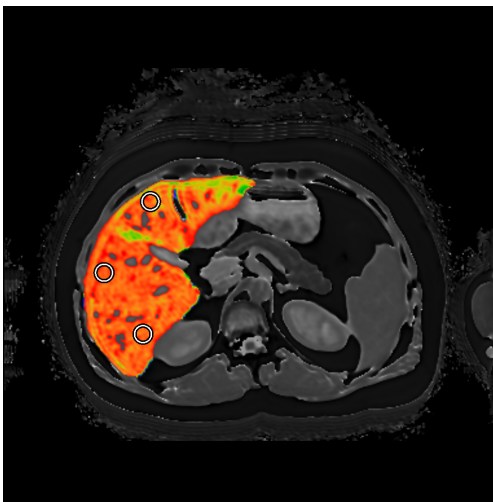
Notes:

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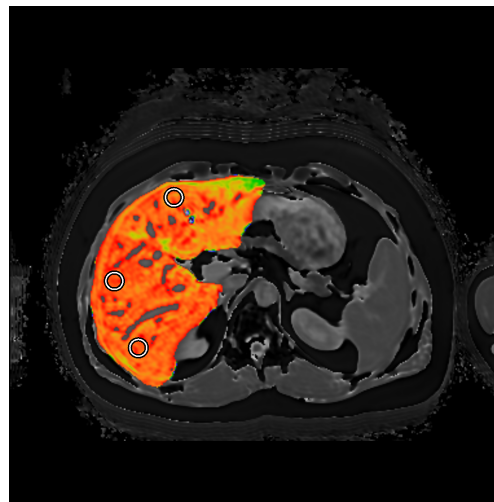
Metrics are displayed as median with interquartile range (filled circle and tails). They are calculated from one or more regions of interest (circles overlaid on the images), in some cases over more than one slice. Calculated metrics are shown against a reference range at 3T (gray box). The clinician must be cautious when interpreting cT1 and, in particular, be aware of the non-meaning of color.



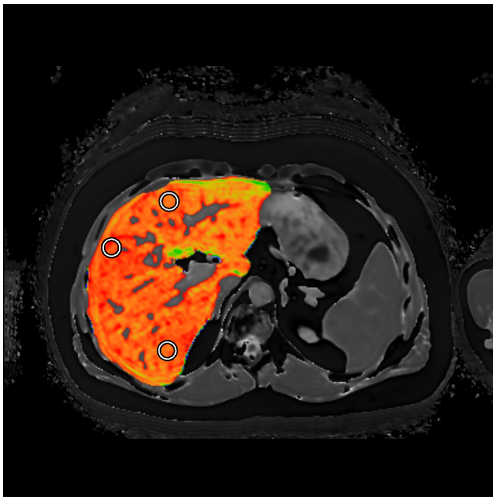
cT1 slice 1 *(on summary page)* Series: 20, 21



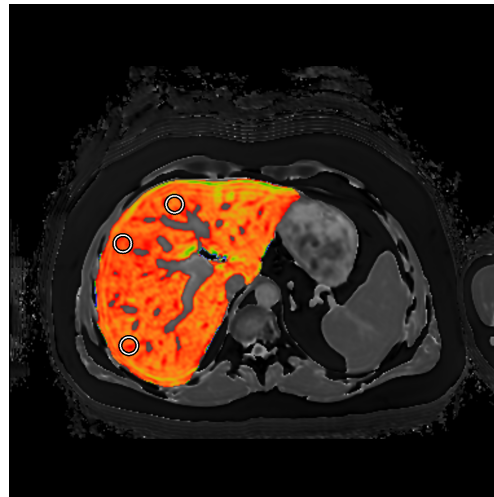
cT1 slice 2 Series: 17, 18



cT1 slice 3 Series: 14, 15



cT1 slice 4 Series: 11, 12

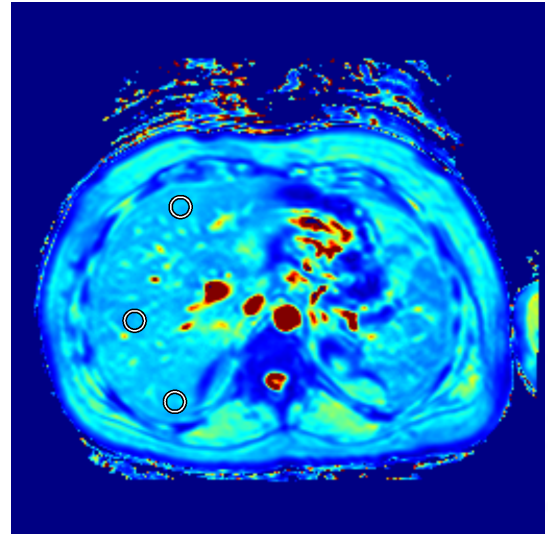
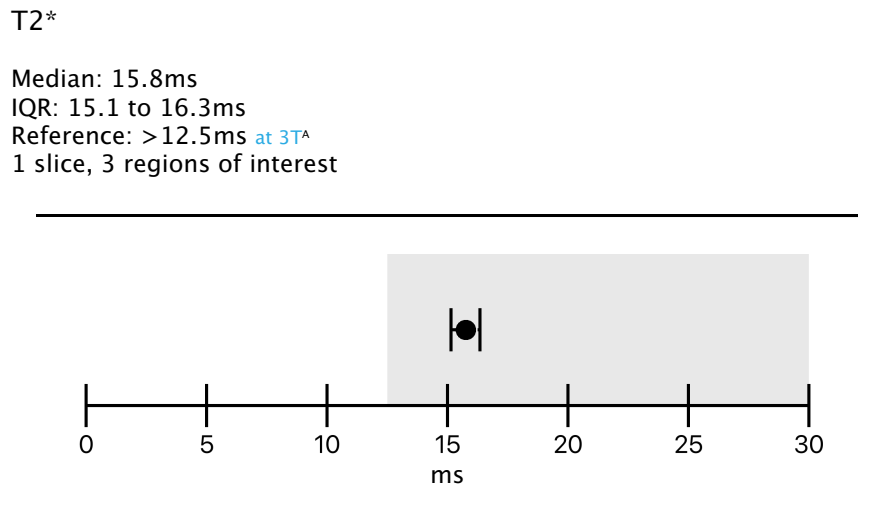


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T2* slice 1

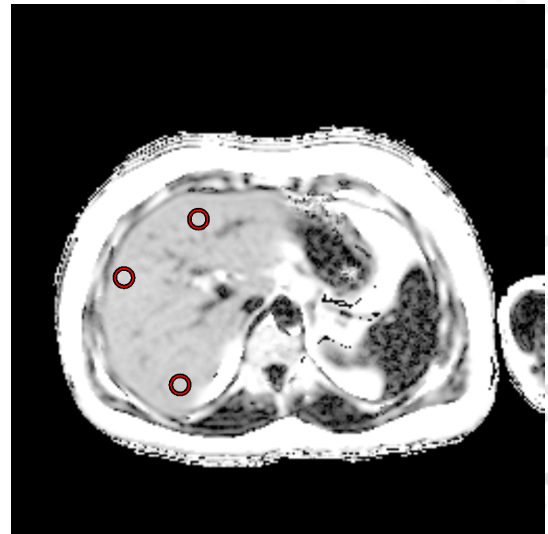
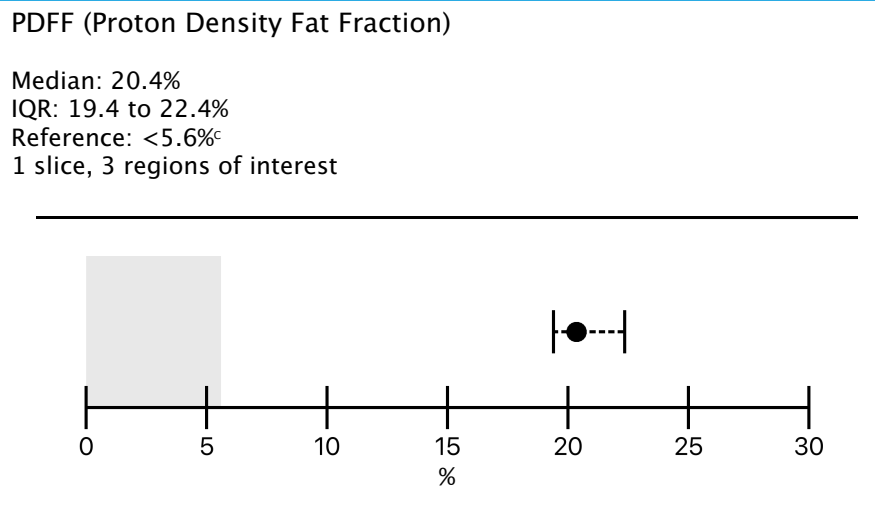
Series: 27



Metrics are displayed as median with interquartile range (filled circle and tails). They are calculated from one or more regions of interest (circles overlaid on the images), in some cases over more than one slice. Calculated metrics are shown against a reference range (gray box).

PDFF slice 1

Series: 23, 25



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Acquisition Information

Date analyzed:	September 9th 2019 12:18
Scanner:	SIEMENS Skyra 3T
Scanner software:	syngo MR E11
Scanner serial:	Not recorded

For the interpreting clinician

The metrics on liver tissue characterization provided by LiverMultiScan are exclusively intended for interpretation by clinicians as additional input forming part of a wider diagnostic process. The clinician remains responsible for the proper clinical evaluation of the patient and/or consideration of medical history. LiverMultiScan is manufactured by Perspectum Diagnostics. Please visit www.perspectum-diagnostics.com.

References

[A] Banerjee et al. *Multiparametric magnetic resonance for the non-invasive diagnosis of liver disease*. J Hepatol. 2014; 60(1): 6977

[B]* Anderson LJ, Holden S, Davis B, Prescott E, Charrier CC, Bunce NH, et al. *Cardiovascular T2-star (T2*) magnetic resonance for the early diagnosis of myocardial iron overload*. Eur Heart J. 2001; 22:2171-9
 * Only applicable to 1.5T acquisitions.

[C] Szczepaniak LS, Nurenberg P, Leonard D, Browning JD, Reingold JS, Grundy S, Hobbs HH, Dobbins RL. *Magnetic resonance spectroscopy to measure hepatic triglyceride content: prevalence of hepatic steatosis in the general population*. Am J Physiol Endocrinol Metab. 2005; 288(2): E462-8

Patent: US 7,202,665; JP 5196408; EP 2008118 (DE, NL); US 8,527,031; US 7,924,003