

Patient name:	ANON	Scan date:	21-Jul-2018
Patient ID:	ANON	Referring physician:	N/A

This report was generated with research software and is not for clinical use.

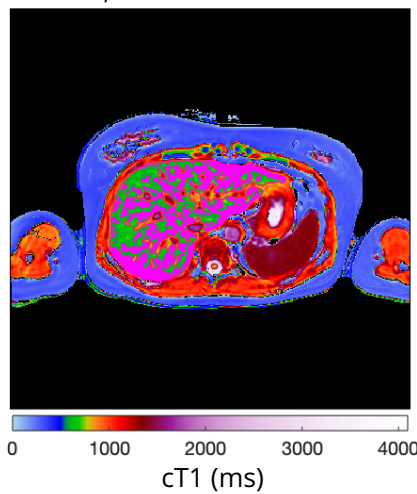
Metrics are displayed as median with interquartile range (IQR) and are calculated from multiple regions of interest or whole liver regions of interest. The slices below are examples from the acquisition. Slices are shown on subsequent pages, with more detailed analysis.

cT1 (ms)
Median: **615 ms**
IQR: 597 - 652 ms
Ref interval:¹ 633 - 794 ms

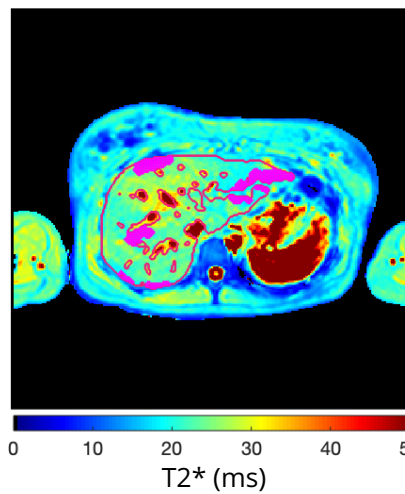
Iron (mg/g dry liver)
Median: **1.3 mg/g**
IQR: 1.2 - 1.3 mg/g
Normal:² <1.8 mg/g

PDFF (%)
Median: **1.7 %**
IQR: 0.2 - 3.1 %
Normal:³ < 5.6 %

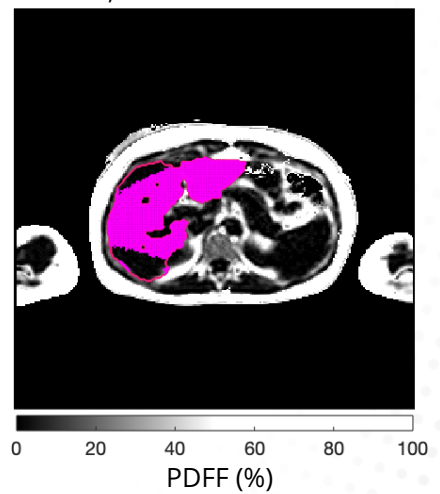
Series 6,8 Slice 1/1



Series 3 Slice 1/1



Series 9,10 Slice 1/5



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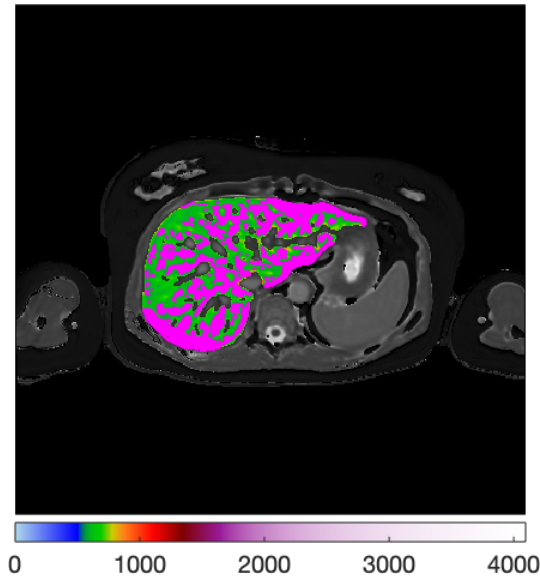
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Metrics are displayed as median with interquartile range. They are calculated from whole liver region of interest (overlaid in colour on the image). Calculated metrics are shown against a reference normal range.

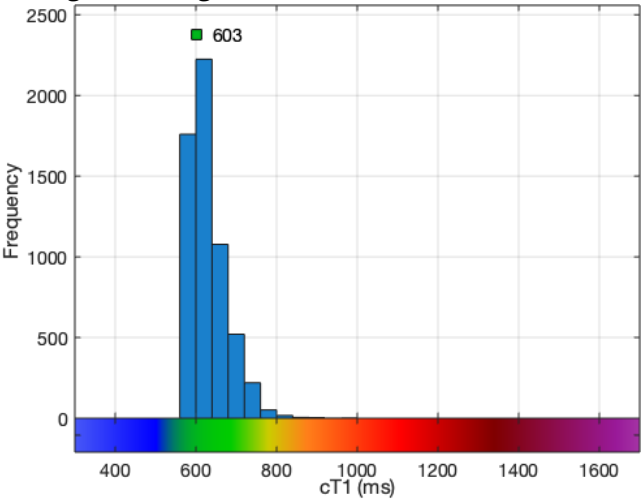
cT1 (corrected T1)

Median: 615 ms
IQR: 597 - 652 ms
Ref interval:¹ 633 - 794 ms

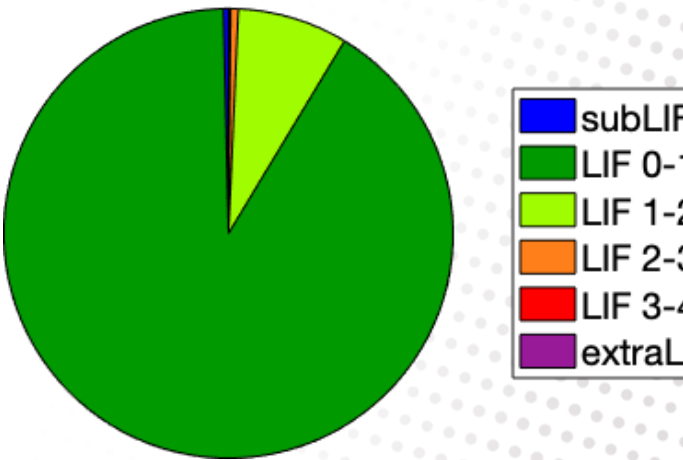
Series: 6,8
Slice: 1 of 1
T1 image quality: Suboptimal but quantifiable. auto: Distortion correction turned on



Histogram of segmented area



Representation of cT1 classes within the liver



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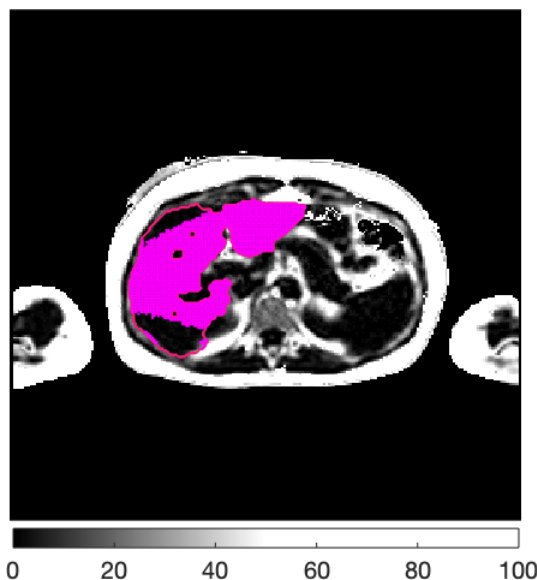
This report was generated with research software and is not for clinical use.

Metrics are displayed as median with interquartile range They are calculated from a whole liver region of interest (contour overlaid on the image). Calculated metrics are shown against a reference normal range.

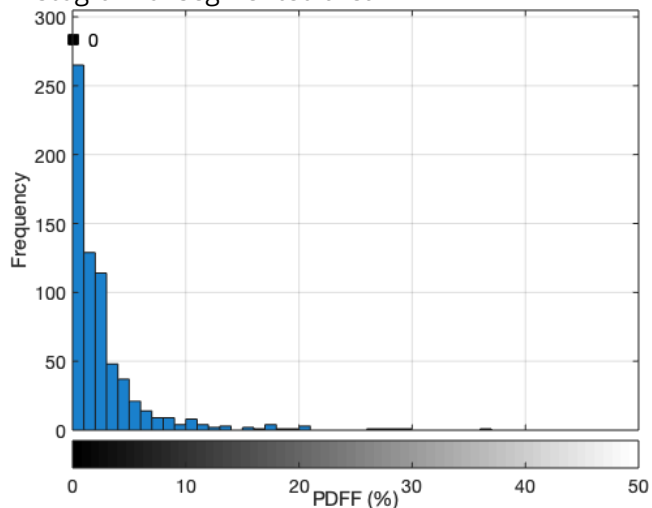
PDFF (%)

Median: 1.7 %
IQR: 0.2 - 3.1 %
Normal:³ < 5.6 %

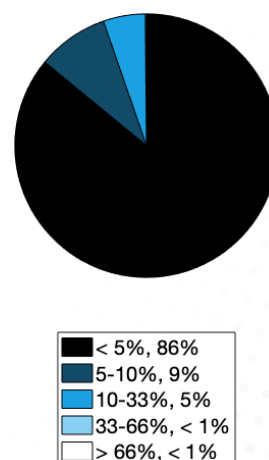
Series: 9,10
Slice: 1 of 5
PDFF image quality: Suboptimal but quantifiable. auto: High
artefact exclusion ($\geq 50\%$ of liver mask)



Histogram of segmented area



Representation of PDFF classes within the liver

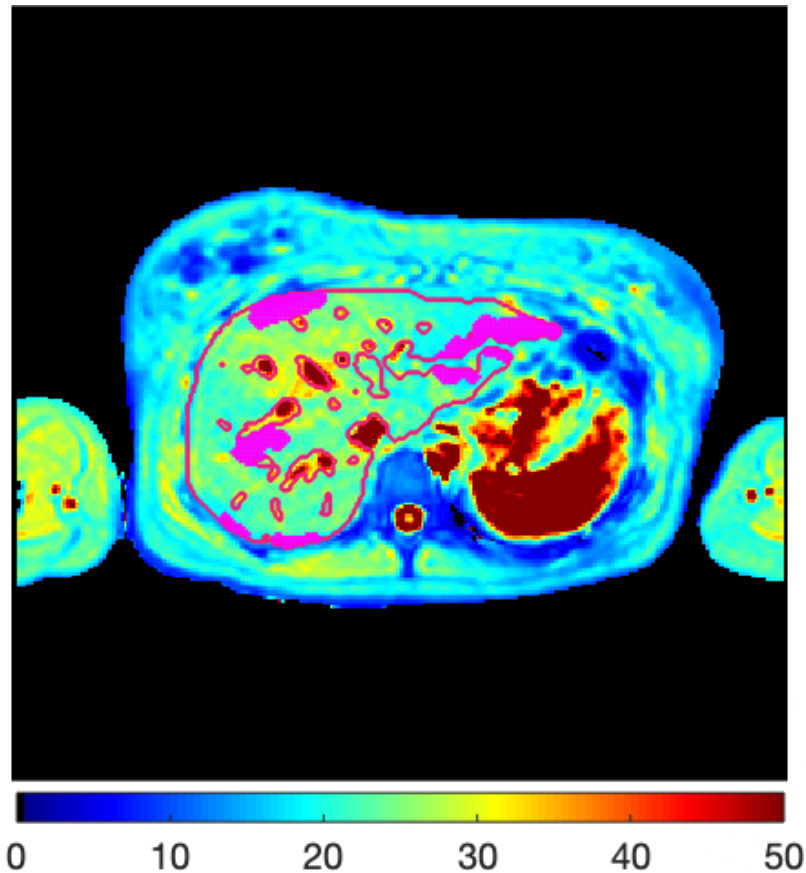


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Metrics are displayed as median with interquartile range. They are calculated from one or more regions of interest (circles overlaid on the images). Calculated metrics are shown against a reference normal range.

Iron (mg/g dry weight liver)	
Median: 1.3 mg/g	Series: 3
IQR: 1.2 - 1.3 mg/g	Slice: 1 of 1
Normal: ² < 1.8 mg/g	T2* image quality: Satisfactory



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Acquisition Information

Date analysed: February 08 2021 17:30
Scanner: SIEMENS Avanto_fit 1.5T
Scanner software: syngo MR E11
Scanner serial: 69648

References

- [1] Reference interval from 95% confidence interval on cT1 distribution in healthy subjects with BMI < 25 kg/m.
- [2] Nuttall et al, Ann Clin Lab Sci. 2003;33(4):443-50 Reference Limits for Copper and Iron in Liver Biopsies
- [3] Szczepaniak et al, Am J Physiol Endocrinol Metab. 2005; 288(2):E462-8 Magnetic resonance spectroscopy to measure hepatic triglyceride content: prevalence of hepatic steatosis in the general population