Perspectum

| Patient name: | ANON | | Scan date: | 19-Jul-2018 |
| Patient ID: | ANON | | Referring physician: | N/A |

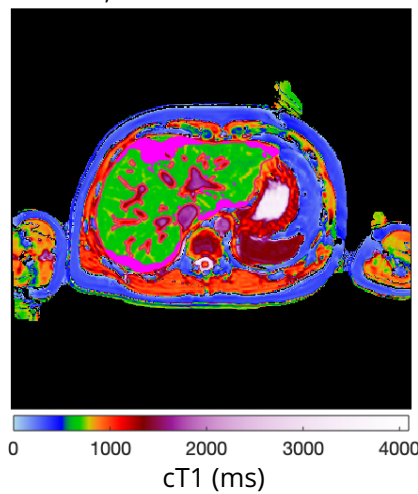**This report was generated with research software and is not for clinical use.**

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)	**Iron (mg/g dry liver)**	**PDFF (%)**
Median: **667 ms**	Median: **1.1 mg/g**	Median: **6.1 %**
IQR: 643 - 701 ms	IQR: 1.1 - 1.2 mg/g	IQR: 4.7 - 7.5 %
Ref interval:[1] 633 - 794 ms	Normal:[2] <1.8 mg/g	Normal:[3] < 5.6 %

Series 7,9   Slice 1/1   Series 10   Slice 1/1   Series 12,13   Slice 3/5
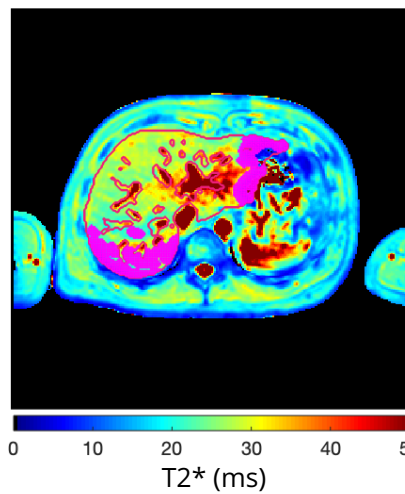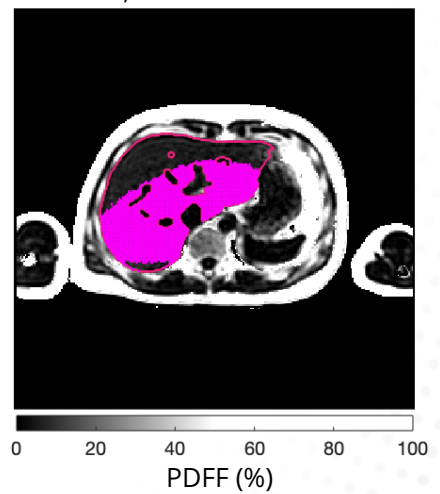
cT1 (ms)   T2* (ms)   PDFF (%)

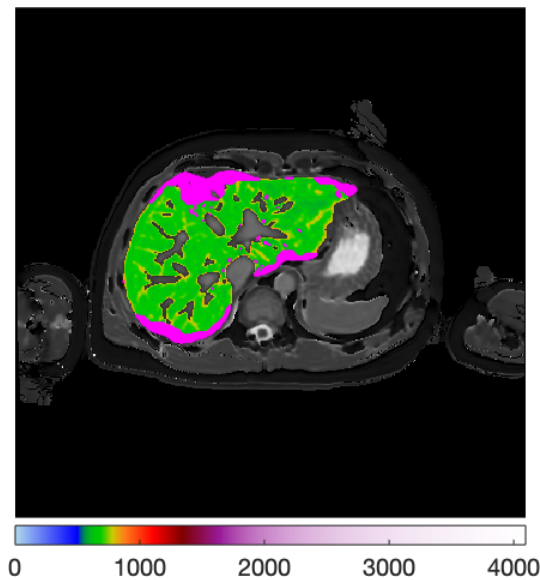| Patient name: | ANON | Scan date: | 19-Jul-2018 |
| Patient ID: | ANON | Referring physician: | N/A |

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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.
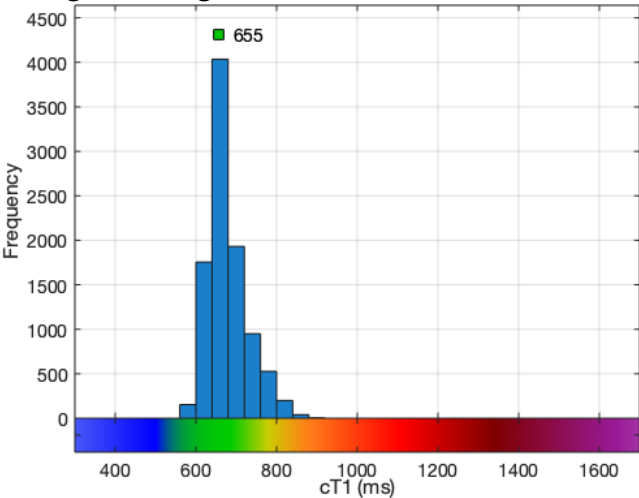
cT1 (corrected T1)

Median: 667 ms
IQR: 643 - 701 ms
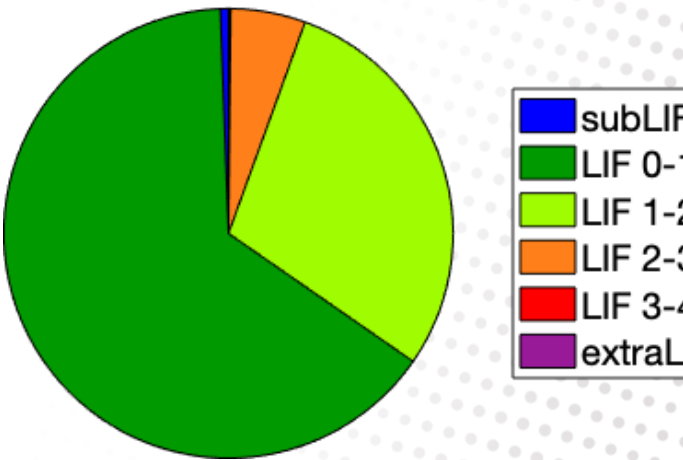**Ref interval:**[1] 633 - 794 ms

Series: 7,9
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

- subLIF
- LIF 0-1
- LIF 1-2
- LIF 2-3
- LIF 3-4
- extraL

Perspectum

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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.
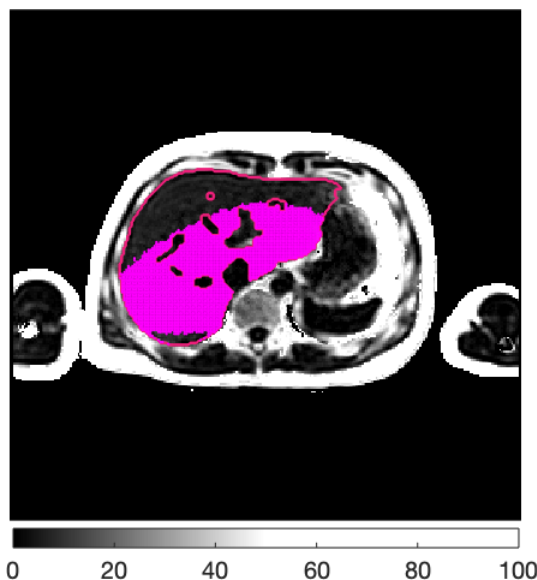
PDFF (%)

Median: 6.1 %
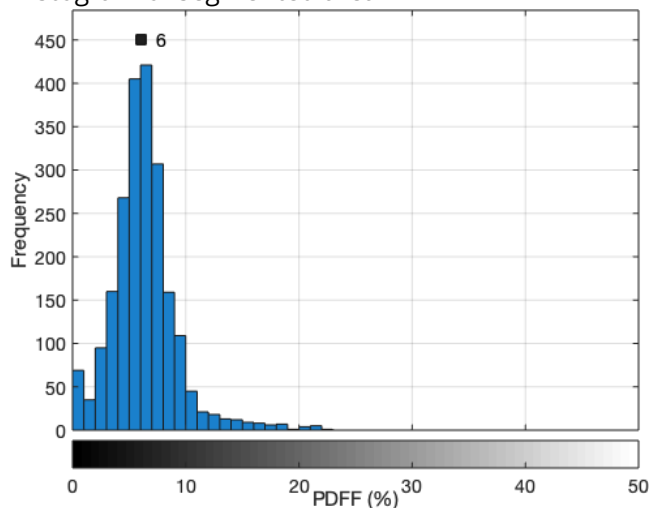**IQR:** 4.7 - 7.5 %
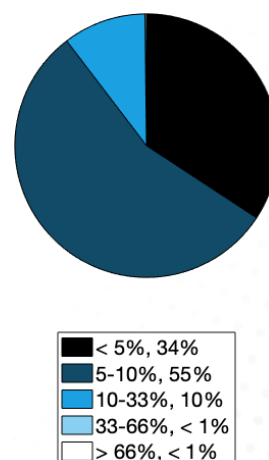**Normal:[3]** < 5.6 %

Series: 12,13
Slice: 3 of 5
PDFF image quality: Suboptimal but quantifiable. auto: High artefact exclusion (>=50% of liver mask)

Histogram of segmented area


Representation of PDFF classes within the liver

- < 5%, 34%
- 5-10%, 55%
- 10-33%, 10%
- 33-66%, < 1%
- > 66%, < 1%

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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: 1.1 mg/g **IQR:** 1.1 - 1.2 mg/g **Normal:**[2] < 1.8 mg/g	**Series:** 10 **Slice:** 1 of 1 **T2* image quality:** Suboptimal but quantifiable. auto: Evidence of motion
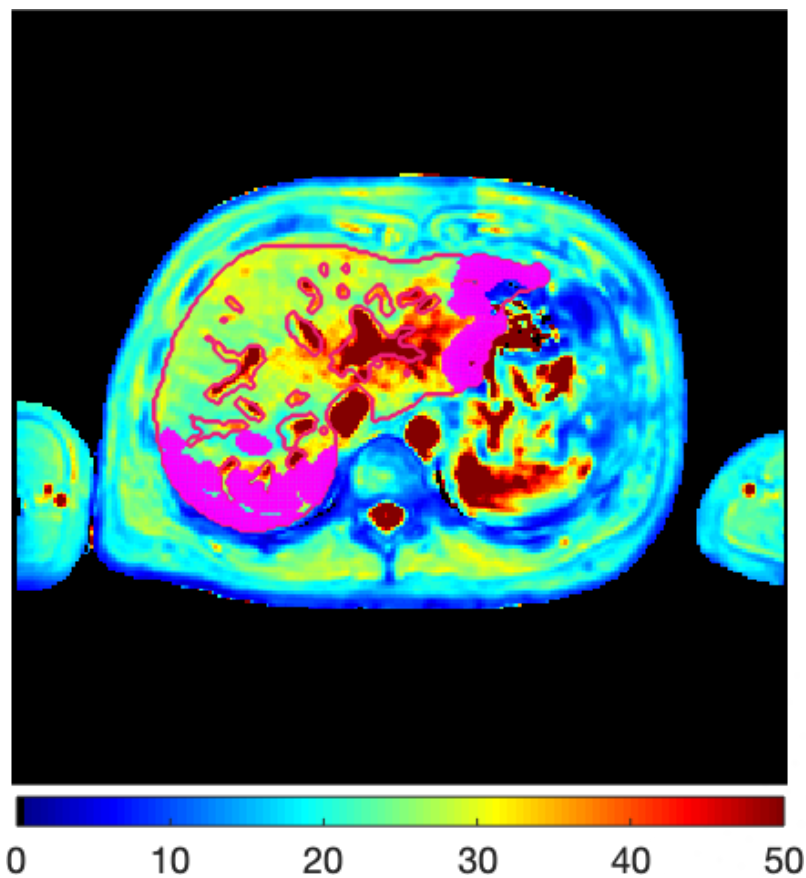
| Patient name: | ANON | Scan date: | 19-Jul-2018 |
| Patient ID: | ANON | Referring physician: | N/A |

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Acquisition Information

Date analysed: February 08 2021 17:09
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

Analysed with *LiverMultiScan Discover 5-Dev*