**Supplementary Table 1.** Diagnostic accuracy of TE, T1 mapping, and MRE for NASH

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Modality | Cut-Off | AUROC(95% CI) | *p* value | *p* value for AUROC comparison |
| *vs.* LS | *vs.* T1 mapping | *vs.* MRE |
| Total |  |  |  |  |  |  |
| TE | 8.4 kPa | 0.70(0.61-0.78) | <0.001 | - | 0.074 | 0.106 |
| T1 mapping | 886.5 msec | 0.59(0.49-0.67) | 0.089 | 0.074 | - | 0.004 |
| MRE | 2.96 kPa | 0.77(0.69-0.84) | <0.001 | 0.106 | 0.004 | - |
| Steatosis ≤2 |  |  |  |  |  |  |
| TE | 10 kPa | 0.74(0.65-0.82) | <0.001 | - | 0.126 | 0.574 |
| T1 mapping | 886.5 msec | 0.64(0.54-0.73) | 0.010 | 0.126 | - | 0.074 |
| MRE | 2.96 kPa | 0.77(0.67-0.84) | <0.001 | 0.574 | 0.074 | - |
| Steatosis ≤1 |  |  |  |  |  |  |
| TE | 10 kPa | 0.81(0.69-0.91) | <0.001 | - | 0.110 | 0.695 |
| T1 mapping | 912.9 msec | 0.74(0.60-0.85) | 0.002 | 0.110 | - | 0.358 |
| MRE | 3.86 kPa | 0.79(0.66-0.89) | <0.001 | 0.695 | 0.358 | - |
| Fibrosis ≤2 |  |  |  |  |  |  |
| TE | 8.3 kPa | 0.70(0.60-0.78) | 0.001 | - | 0.184 | 0.069 |
| T1 mapping | 948.4 msec | 0.60(0.50-0.70) | 0.074 | 0.184 | - | 0.004 |
| MRE | 2.96 kPa | 0.80(0.71-0.87) | <0.001 | 0.069 | 0.004 | - |

MRE, MR elastography; NASH, nonalcoholic steatohepatitis; AUROC, area under receiver operating characteristic curve.

**Supplementary Table 2.** Incidental finding in MRI

|  |  |  |
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| Finding | Case No.(n= 130) | % |
| Hepatic cyst | 43 | 33.1 |
| Hemangioma | 5 | 3.8 |
| FNH | 1 | 0.8 |
| HCC | 1 | 0.8 |
| GB stone | 6 | 4.6 |
| GB polyp | 2 | 1.5 |
| Renal cyst | 32 | 24.6 |
| Pancreatic cyst | 3 | 2.3 |
| Adrenal incidentaloma | 4 | 3.1 |

MRI, magnetic resonance imaging; FNH, focal nodular hyperplasia; HCC, hepatocellular carcinoma; GB, gallbladder.