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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table 3**. Diagnostic performances of UAP values for grading hepatic steatosis both in the whole cohort of patients with FLD and in patients with NAFLD**.** | | | | | | | | |
| Steatosis Grade  (on liver histology) | Frequency (n) | AUROC (95%CI) | Target Cut-off values | | Sensitivity | Specificity | PPV | NPV |
| *All patients with FLD* |  |  |  |  |  |  |  |  |
| S≥1 | 90.1% (448) | 0.88 (0.84-0.91) | Sensitivity ≥90% | 289 | 90.0% | 61.2% | 95.5% | 40.2% |
|  |  |  | Optimal threshold | 295 | 83.3% | 79.6% | 97.4% | 34.4% |
|  |  |  | Specificity ≥90% | 305 | 63.8% | 93.9% | 99.0% | 22.2% |
| S≥2 | 48.5% (241) | 0.77 (0.73-0.81) | Sensitivity ≥90% | 298 | 90.0% | 42.2% | 59.5% | 81.8% |
|  |  |  | Optimal threshold | 314 | 61.8% | 79.3% | 73.8% | 68.8% |
|  |  |  | Specificity ≥90% | 324 | 39.8% | 90.6% | 79.9% | 61.5% |
| S=3 | 14.7% (73) | 0.70 (0.63-0.77) | Sensitivity ≥90% | 296 | 91.8% | 25.7% | 17.6% | 94.8% |
|  |  |  | Optimal threshold | 324 | 50.7% | 80.4% | 30.8% | 90.4% |
|  |  |  | Specificity ≥90% | 331 | 34.2% | 90.3% | 37.8% | 88.8% |
| *Patients with NAFLD* | |  |  |  |  |  |  |  |
| S≥1 | 92.0% (400) | 0.89 (0.84-0.93) | Sensitivity ≥90% | 290 | 90.0% | 62.9% | 96.5% | 35.4% |
|  |  |  | Optimal threshold | 295 | 83.8% | 82.9% | 98.3% | 30.8% |
|  |  |  | Specificity ≥90% | 305 | 63.5% | 94.3% | 99.2% | 18.3% |
| S≥2 | 51.5% (224) | 0.76 (0.72-0.81) | Sensitivity ≥90% | 296 | 90.2% | 40.8% | 61.8% | 79.7% |
|  |  |  | Optimal threshold | 314 | 61.2% | 79.6% | 76.1% | 65.9% |
|  |  |  | Specificity ≥90% | 323 | 42.0% | 90.0% | 81.7% | 59.4% |
| S=3 | 16.8% (73) | 0.69 (0.62-0.76) | Sensitivity ≥90% | 296 | 91.8% | 24.6% | 19.7% | 93.7% |
|  |  |  | Optimal threshold | 324 | 50.7% | 79.6% | 33.4% | 88.9% |
|  |  |  | Specificity ≥90% | 332 | 31.5% | 90.9% | 41.1% | 86.8% |
| *Abbreviations*: UAP, ultrasound attenuation parameter; AUROC, area under the receiver operating characteristic curve; PPV, positive predictive value; NPV, negative predictive value; CI, confidence interval. | | | | | | | | |