

INDICATION

A non-invasive estimation of likelihood of hepatic fibrosis/cirrhosis.

Initially developed for patients with hepatitis C

INTERPRETATION

SCORE	FIBROSIS / CIRRHOSIS
<0.7	Unable to accurately determine level of Fibrosis or Cirrhosis
≥0.7	Significant Fibrosis: 77% sn / 72% sp
≥1.0	Severe Fibrosis: 61% sn / 64% sp Cirrhosis: 76% sn / 72% sp
≥1.5	Significant Fibrosis: 27% sn / 93% sp Severe Fibrosis: >50% sn / 84% sp Cirrhosis: 76% sn / 72% sp
>2.0	Severe Fibrosis: 36% sn / 93% sp Cirrhosis: 46% sn / 91% sp

sn = sensitivity

sp = specificity

CALCULATION

$$\text{APRI} = (\text{AST}_{\text{IU/L}}) / (\text{AST}_{\text{IU/L}} \text{ Upper Limit of Normal}) / (\text{Platelets}_{10^9/\text{L}})$$