

INDICATION

A non-invasive estimate of liver fibrosis, originally developed in patients with hepatitis C and HIV co-infection but now more widely used.

ADDITIONAL INFORMATION

Can be used to identify patients who may benefit from additional investigations such as a Fibroscan or liver biopsy.

Widely used in primary care referral pathways.

Important to consider that fibrosis often progresses in a non-linear fashion and so frequent re-testing should be considered.

Fib-4 score has been shown to be less reliable in patients aged <35 or >65 years.

INTERPRETATION

SCORE	FIBROSIS STAGE
<1.45	0-1
1.45-3.25	2-3
>3.25	4-6

CALCULATION

FIB-4 Score =

$$(\text{Age}_{\text{year}} \times \text{AST}_{\text{U/L}}) / (\text{Plt}_{10^9/\text{L}} \times \sqrt{\text{ALT}_{\text{U/L}}})$$