

INDICATION

A non-invasive estimate of liver fibrosis, originally developed in patients with hepatitis C and HIV coinfection 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 =

$$(Age_{year} \times AST_{U/L}) / (Plat_{10^9/L} \times \sqrt{ALT_{U/L}})$$