



FibroTest-ActiTest in HIV

Estimating Fibrosis, Cirrhosis and Activity

Recommended by EASL-ALEH Guidelines¹ for HIV co-infected patients

Liver diagnosis in HIV-HCV and HIV-HBV co-infected patients

FibroTest evaluates both fibrosis in the early stages (F0 to F3) and cirrhosis (F4).^{1-6,16,17}

FibroTest offers better diagnostic value than hyaluronic acid, APRI, FIB-4 and AST/ALT ratio.^{2,3}

Accuracy is not affected by CD4 count, ALT transaminases, gender, age and ART-treatment including HBV active drugs.^{4,5}

Follow-up

The HCV-SVR status was associated with fibrosis regression in HIV-HCV co-infected patients.^{6,7}

Progression rate to cirrhosis and hepatocellular carcinoma occurrence in SVR are higher in HIV-HCV co-infected than in HCV mono-infected.⁷

Safety

High applicability in HIV populations : 97%⁸

FibroTest identifies cirrhosis in HIV patients, who have an increased risk of side effects due to antiretroviral overdosing (i.e. efavirenz, saquinavir)^{9,10,11}

Atazanavir and nevirapine do not alter FibroTest performance^{2,7,12}

References :

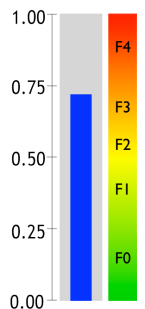
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Assays (done at local lab.) : Alpha-2 macroglobulin, Haptoglobin, Apolipoprotein A1, Total bilirubin, GGT, ALT, age, sex - according to BioPredictive precautions of use (biopredictive.com)

FibroTest

FibroTest estimates liver fibrosis :

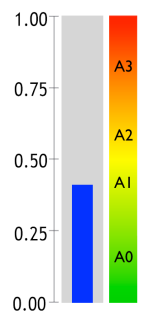
- ▶ F0: no fibrosis
- ▶ F1: minimal fibrosis
- ▶ F2: moderate fibrosis
- ▶ F3: advanced fibrosis
- ▶ F4: severe fibrosis (cirrhosis)



ActiTest

ActiTest estimates necroinflammatory activity :

- ▶ A0: no activity
- ▶ A1: minimal activity
- ▶ A2: moderate activity
- ▶ A3: severe activity



FibroTest-ActiTest summary

- FibroTest and ActiTest estimate both fibrosis and necroinflammatory activity with a blood sample done at a local laboratory. The applicability of FibroTest is higher than transient elastography.^{8,13}
- ActiTest is more accurate than ALT transaminases for the diagnosis of necroinflammatory activity.⁸
- Both FibroTest and ActiTest are easily repeatable for the assessment of disease progression.
- FibroTest-ActiTest is also validated in HIV vertically infected children.¹⁵

Find all the scientific publications of BioPredictive non-invasive tests on the website :

library.biopredictive.com

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