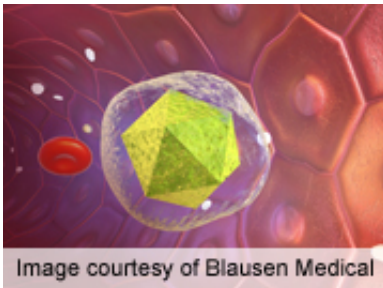


# Hepatic decompensation higher with HIV, HCV co-infection

March 18 2014

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(HealthDay)—Patients co-infected with HIV and hepatitis C virus (HCV) have higher rates of hepatic decompensation than those with HCV mono-infection, according to a study published in the March 18 issue of the *Annals of Internal Medicine*.

Vincent Lo Re III, M.D., from the University of Pennsylvania and the Philadelphia VA Medical Center, and colleagues conducted a [retrospective cohort study](#) to compare the incidence of hepatic decompensation between 4,280 antiretroviral-treated patients co-infected with HIV and HCV and 6,079 HCV-mono-infected patients. All patients were HCV treatment-naïve and had detectable HCV RNA.

The researchers found that, at 10 years, the incidence of hepatic decompensation was 7.4 percent among co-infected patients and 4.8

percent among monoinfected patients ( $P < 0.001$ ). Co-infected patients had a higher rate of hepatic decompensation than HCV-monoinfected patients (hazard ratio [HR] accounting for competing risks, 1.56). The rate of decompensation was also higher in co-infected patients who maintained HIV RNA levels  $\geq 3.25$ ; baseline hemoglobin level

Citation: Hepatic decompensation higher with HIV, HCV co-infection (2014, March 18) retrieved 16 April 2024 from <https://medicalxpress.com/news/2014-03-hepatic-decompensation-higher-hiv-hcv.html>

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