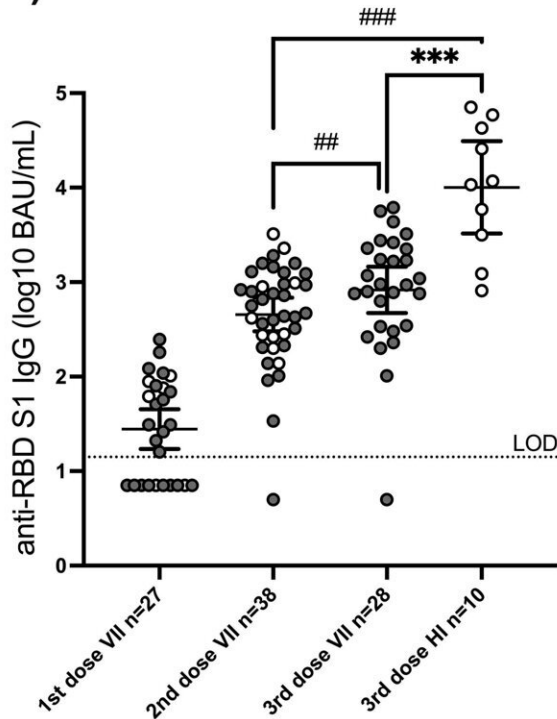


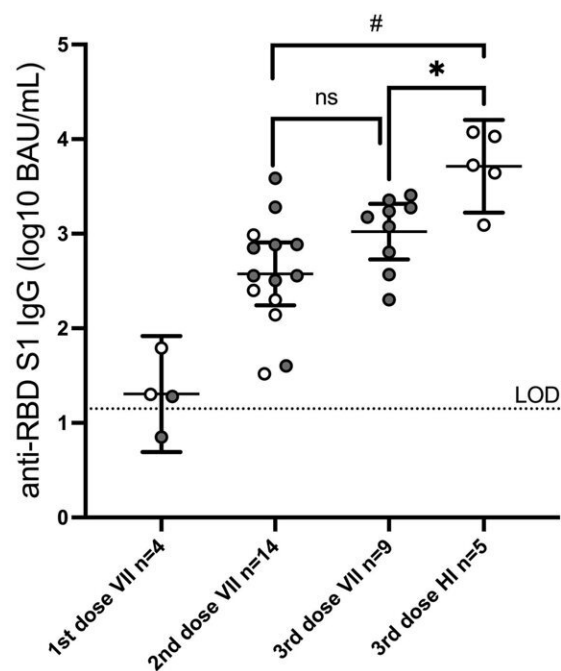
# Three doses of COVID-19 vaccine leads to catch-up antibody responses among the particularly vulnerable, finds study

August 1 2023

## A) Cirrhosis



## B) Autoimmune Liver Disease



Antibody response to COVID-19 mRNA vaccination with and without COVID-19 during the study period. Scatter plots with mean and 95% confidence interval demonstrating logarithmic IgG antibody levels in serum against the receptor-binding domain (RBD) within spike-1 (S1) among patients with liver disease with (A) or without cirrhosis (B; autoimmune hepatitis) as well as allogeneic hematopoietic stem-cell transplantation recipients (C) and healthy

controls (D). Patients are stratified as to whether they acquired a SARS-CoV-2 Omicron subvariant infection following the second vaccine dose (i.e. developed hybrid immunity (HI), open circles) or not (i.e. only vaccine-induced immunity (VII), gray filled circles for those receiving 3 and black filled circles for those receiving 4 vaccine doses). The dotted line represents the limit of detection of the assay (i.e. 14 BAU/mL). Statistics were calculated by unpaired t-test with Welch's correction (\*p

Citation: Three doses of COVID-19 vaccine leads to catch-up antibody responses among the particularly vulnerable, finds study (2023, August 1) retrieved 29 April 2024 from <https://medicalxpress.com/news/2023-08-doses-covid-vaccine-catch-up-antibody.html>

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