

## Third COVID-19 vaccine dose may prompt response in transplant recipients

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(HealthDay)—A third dose of the mRNA-1273 vaccine induces a

serologic response in 49 percent of kidney transplant recipients who did not respond after receiving two doses, according to a research letter published online July 23 in the *Journal of the American Medical Association*.

Ilies Benotmane, M.D., from Strasbourg University Hospital in France, and colleagues examined the antibody responses of kidney transplant recipients who did not respond to two COVID-19 mRNA vaccine doses and received a third dose of the Moderna mRNA-1273 vaccine. A total of 159 kidney transplant recipients with a negative history for COVID-19 and severe acute respiratory syndrome coronavirus 2 antispike immunoglobulin (Ig)G levels 50 AU/mL (median antibody titer of responders, 586 AU/mL). Compared with patients with no antibody response after the second dose, those who had a weak response were more likely to develop an antibody response after the third dose (81.3 versus 27.4 percent, respectively).

"The findings in this large group of [kidney](#) transplant recipients are in accordance with other studies of solid organ [transplant](#) recipients," the authors write.

Two authors disclosed financial ties to the [pharmaceutical industry](#).

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