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COVID-19 vaccine acceptance and hesitancy in low- and middle-income countries

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safe and effective vaccine is a critical tool to control the COVID-19 pandomic. As of 25 hour 2011, 23 vaccines had advancant to Sagar 2 clastical traits and more than a decreasing a decreasing a control of the more consequence of the more consequence of the country of the SNT-MS-5 vaccine route, while the CAM-CO-1 at COVID-19 vaccine into OARst-corn and the control operation of the country administration at 111 vs. type company, with the control operation of the country administration at 111 vs. type company, with the control operation of the country administration at 111 vs. type company is the distense of COVID-19 vs. the distense of COVID-19 vs. type control of COVID-19 vs. type control of the control operation of the control operation and the control operation of COVID-19 vs. as a key policy practice; country to control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation of COVID-19 vs. as a key policy practice; control operation operation of COVID-19 vs. as a key policy practice; control operation of the vs. as a key policy practice; control operation operation operation of the vs. as a key policy practice; control operation operation

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COVID-19 Vaccine Acceptance and Hesitancy in Low- And Middle-Income Countries

Widespread acceptance of COVID-19 vaccines is crucial for achieving sufficient immunization coverage to end the global pandemic, yet few studies have investigated COVID-19 vaccination attitudes in lower-income countries, where large-scale vaccination is just beginning. We analyze COVID-19 vaccine acceptance across 15 survey samples covering 10 low- and middle-income countries (LMICs) in Asia, Africa and South America, Russia (an upper-middle-income country) and the United States, including a total of 44,260 individuals. We find considerably higher willingness to take a COVID-19 vaccine in our LMIC samples (mean 80.3%; median 78%; range 30.1 percentage points) compared with the United States (mean 64.6%) and Russia (mean 30.4%). Vaccine acceptance in LMICs is primarily explained by an interest in personal protection against COVID-19, while concern about side effects is the most common reason for hesitancy. Health workers are the most trusted sources of quidance about COVID-19 vaccines. Evidence from this sample of LMICs suggests that prioritizing vaccine distribution to the Global South should yield high returns in advancing global immunization coverage. Vaccination campaigns should focus on translating the high levels of stated acceptance into actual uptake. Messages highlighting vaccine efficacy and safety, delivered by healthcare workers, could be effective for addressing any remaining hesitancy in the analyzed LMICs.

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