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URL of this page: https://medlineplus.gov/covid19vaccines.html

COVID-19 Vaccines

COVID-19 [https://medlineplus.gov/covid19coronavirusdisease2019.html] (coronavirus disease 2019) is an illness caused by a virus. This virus is a coronavirus called SARS-CoV-2. In the United States, there are several vaccines that are effective at protecting people from getting seriously ill, being hospitalized, and dying from COVID-19. These vaccines are being used under Emergency Use Authorization (EUA) from the U.S. Food and Drug Administration (FDA). This means that the vaccines have met the FDA's scientific standards for safety [https://medlineplus.gov/vaccinesafety.html] , effectiveness, and manufacturing quality that are needed to support authorization.

This page includes details about the vaccines and the vaccination program, including where you can find a vaccine [https://vaccinefinder.org/search/] .

Centers for Disease Control and Prevention

Start Here

- COVID-19 Vaccines [https://www.cdc.gov/covid/vaccines/] (Centers for Disease Control and Prevention)

- COVID-19 Vaccines for 2024-2025 [https://www.fda.gov/emergency-preparedness-and-response/coronavirus-disease-2019-covid-19/covid-19-vaccines-2024-2025] (Food and Drug Administration)
  Also in Spanish [https://www.fda.gov/about-fda/fda-en-espanol/vacunas-contra-el-covid-19]

- Staying Up to Date with COVID-19 Vaccines [https://www.cdc.gov/covid/vaccines/stay-up-to-date.html] (Centers for Disease Control and Prevention)

Related Issues

- Coronavirus Disease 2019 (COVID-19) Vaccine Safety [https://www.cdc.gov/vaccine-safety/vaccines/covid-19.html] (Centers for Disease Control and Prevention)

- Getting Your COVID-19 Vaccine [https://www.cdc.gov/covid/vaccines/getting-your-covid-19-vaccine.html] (Centers for Disease Control and Prevention)

- Myocarditis and Pericarditis after mRNA COVID-19 Vaccination [https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/myocarditis.html] (Centers for Disease Control and Prevention)

- Selected Adverse Events Reported after COVID-19 Vaccination [https://www.cdc.gov/coronavirus/2019-ncov/vaccines/safety/adverse-events.html] (Centers for Disease Control and Prevention)

- Vaccine Adverse Event Reporting System (VAERS) [https://vaers.hhs.gov/] (Department of Health and Human Services)
  Also in Spanish [https://vaers.hhs.gov/reporteventspan.html]

- Vaccines Protect Your Community [https://www.hhs.gov/immunization/basics/work/protection/index.html] (Department of Health and Human Services)
  Also in Spanish [https://www.hhs.gov/es/immunization/basics/work/protection/index.html]

Specifics

- COVID-19 Vaccine (Moderna) [https://medlineplus.gov/druginfo/meds/a621002.html]
  (American Society of Health-System Pharmacists)
  Also in Spanish [https://medlineplus.gov/spanish/druginfo/meds/a621002-es.html]

- COVID-19 Vaccine (Pfizer-BioNTech) [https://medlineplus.gov/druginfo/meds/a621003.html]
  (American Society of Health-System Pharmacists)
  Also in Spanish [https://medlineplus.gov/spanish/druginfo/meds/a621003-es.html]

- COVID-19 Vaccine Basics [https://www.cdc.gov/covid/vaccines/how-they-work.html] (Centers for Disease Control and Prevention)

- Covid-19 Vaccines for Moderately to Severely Immunocompromised People
  [https://www.cdc.gov/covid/vaccines/immunocompromised-people.html] (Centers for Disease Control and Prevention)

- COVID-19 Vaccines: Get the Facts [https://www.mayoclinic.org/diseases-conditions/coronavirus/in-depth/coronavirus-vaccine/art-20484859?p=1] (Mayo Foundation for Medical Education and Research)
  Also in Spanish [https://www.mayoclinic.org/es/diseases-conditions/coronavirus/in-depth/coronavirus-vaccine/art-20484859?p=1]

- Vaccines & Antibiotics: A Safe Combo? [https://kidshealth.org/en/parents/vaccines-and-antibiotics.html] (Nemours Foundation)
  Also in Spanish [https://kidshealth.org/es/parents/vaccines-and-antibiotics.html]

- What are mRNA vaccines and how do they work?: MedlinePlus Genetics
  [https://medlineplus.gov/genetics/understanding/therapy/mrnavaccines/] NIH (National Library of Medicine)
  Also in Spanish [https://medlineplus.gov/spanish/genetica/entender/terapia/vacunasarnm/]

Videos and Tutorials

- What is an EUA (Emergency Use Authorization)? [https://www.youtube.com/watch?v=iGkwaESsGBQ]
  (Food and Drug Administration)

- What is in a Vaccine: Vaccine Ingredients and Safety [https://www.nlm.nih.gov/oet/ed/ceal/what-is-in-a-vaccine.html]
  NIH (National Institutes of Health)
  Also in Spanish [https://www.nlm.nih.gov/oet/ed/ceal/what-is-in-a-vaccine-spanish.html]

Statistics and Research

- Bivalent Boosters Block Severe COVID-19 [https://newsinhealth.nih.gov/2023/03/bivalent-boosters-block-severe-covid-19]
  NIH (National Institutes of Health)
  Also in Spanish [https://salud.nih.gov/recursos-de-salud/nih-noticias-de-salud/los-refuerzos-bivalentes-bloquean-el-covid-19-grave]

- COVID-19 Vaccinations in the United States [https://covid.cdc.gov/covid-data-tracker/#vaccinations]
  (Centers for Disease Control and Prevention)

- COVID-19 Vaccines Not Linked With Fertility Issues [https://newsinhealth.nih.gov/2022/03/covid-19-vaccines-not-linked-fertility-issues] NIH (National Institutes of Health)
  Also in Spanish [https://salud.nih.gov/recursos-de-salud/nih-noticias-de-salud/las-vacunas-contra-el-covid-19-no-estan-vinculadas-a]

Clinical Trials

- ClinicalTrials.gov: COVID-19 Vaccines [https://clinicaltrials.gov/search?cond=%22COVID-19+Vaccines%22&aggFilters=status:not%20rec] NIH (National Institutes of Health)

Journal Articles

References and abstracts from MEDLINE/PubMed (National Library of Medicine)

- Article: Safety and immunogenicity of fractional COVID-19 vaccine doses in Nigerian adults:...
  [https://www.ncbi.nlm.nih.gov/pubmed/40730836]

- Article: Immunogenicity and Safety of Heterologous Versus Homologous Prime-Boost Regimens With BBIBP-CorV...
  [https://www.ncbi.nlm.nih.gov/pubmed/40694514]

- Article: Structural serology of polyclonal antibody responses to mRNA-1273 and NVX-CoV2373 COVID-19... [https://www.ncbi.nlm.nih.gov/pubmed/40632654]

- COVID-19 Vaccines -- see more articles [https://pubmed.ncbi.nlm.nih.gov/?term=%22COVID-19+Vaccines%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND+%22last+1+Year%22+%5Bedat%5D+AND+%28patient+education+handout%5Bpt%5D+OR+guideline%5Bpt%5D+OR+clinical+trial%5Bpt%5D%29++NOT+%28letter%5Bpt%5D+OR+case+reports%5Bpt%5D+OR+editorial%5Bpt%5D+OR+comment%5Bpt%5D%29+AND+free+full+text%5Bsb%5D+]

Children

- Can Kids Get a COVID-19 Vaccine, Flu Vaccine, and RSV Shot at the Same Time? [https://kidshealth.org/en/parents/covid-flu-vaccines.html] (Nemours Foundation)
  Also in Spanish [https://kidshealth.org/es/parents/covid-flu-vaccines.html]

- COVID-19 Vaccines for Children Ages 6 Months to 5 Years [https://kidshealth.org/en/parents/covid-vaccines-young-kids.html] (Nemours Foundation)
  Also in Spanish [https://kidshealth.org/es/parents/covid-vaccines-young-kids.html]

- COVID-19: Questions and Answers about Vaccines [https://kidshealth.org/en/parents/covid-vaccines.html] (Nemours Foundation)
  Also in Spanish [https://kidshealth.org/es/parents/covid-vaccines.html]

- When Can Kids Get the Updated COVID Vaccine? [https://www.healthychildren.org/English/health-issues/conditions/COVID-19/Pages/when-can-kids-get-the-COVID-vaccine-or-booster.aspx] (American Academy of Pediatrics)
  Also in Spanish [https://www.healthychildren.org/Spanish/health-issues/conditions/COVID-19/Paginas/when-can-kids-get-the-COVID-vaccine-or-booster.aspx]

Women

- COVID-19 Vaccination for People Who Are Pregnant or Breastfeeding [https://www.cdc.gov/covid/vaccines/pregnant-or-breastfeeding.html] (Centers for Disease Control and Prevention)

Patient Handouts

- Moderna COVID-19 Vaccine Fact Sheet for Recipients and Caregivers [https://www.fda.gov/media/167209/download] (Food and Drug Administration) - **PDF**
  Also in Spanish [https://www.fda.gov/media/183297/download]

- Novavax COVID-19 Vaccine, Adjuvanted EUA Fact Sheet [https://www.fda.gov/media/159898/download] (Food and Drug Administration) - **PDF**
  Also in Spanish [https://www.fda.gov/media/183298/download]

- Pfizer-BioNTech COVID-19 Vaccine Fact Sheet for Recipients and Caregivers [https://www.fda.gov/media/167212/download] (Food and Drug Administration) - **PDF**
  Also in Spanish [https://www.fda.gov/media/182710/download]

COVID-19 vaccines [https://medlineplus.gov/ency/article/007775.htm]

COVID-19 vaccines - what to expect [https://medlineplus.gov/ency/patientinstructions/000983.htm]

Related Health Topics

Childhood Vaccines [https://medlineplus.gov/childhoodvaccines.html]

COVID-19 (Coronavirus Disease 2019) [https://medlineplus.gov/covid19coronavirusdisease2019.html]

COVID-19 Testing [https://medlineplus.gov/covid19testing.html]

Post-COVID Conditions (Long COVID) [https://medlineplus.gov/postcovidconditionslongcovid.html]

Vaccines [https://medlineplus.gov/vaccines.html]

National Institutes of Health

The primary NIH organization for research on *COVID-19 Vaccines* is the National Institute of Allergy and Infectious Diseases [http://www.niaid.nih.gov/]

Other Languages

Find health information in languages other than English [https://medlineplus.gov/languages/covid19vaccines.html] on *COVID-19 Vaccines*

NIH MedlinePlus Magazine

All in the Spike: How Past Virus Research Gave a Head Start to the COVID-19 Vaccine [https://magazine.medlineplus.gov/article/all-in-the-spike-how-past-virus-research-gave-a-head-start-to-the-covid-19-vaccine]

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