

Information
about how the
COVID-19
vaccines have
been created



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**The vaccine
development and
approval for COVID-19
happened faster than
usual, because of the
urgency and scale of
the pandemic.**



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How could the
vaccine be
robustly tested in
such a short time?



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Priority & Collaboration

Because COVID-19 is a worldwide pandemic researchers, scientists, ethical boards, manufacturers, volunteers and distributors **collaborated to accelerate the development of the vaccines**

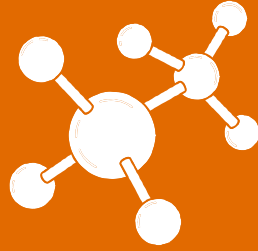


Funding

Governments and funding bodies **combined resources** to eliminate the usual financial barriers



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Science

Scientists were not starting from scratch. The vaccines are **based on other vaccine development** that has been used for decades (mRNA and vector based vaccines)



Parallel Phases

Development and implementation planning phases have **run parallel, instead of one after the other** to scale up production quickly



More information on Parallel Phases:

<https://youtube/CrsnwQZlak8>

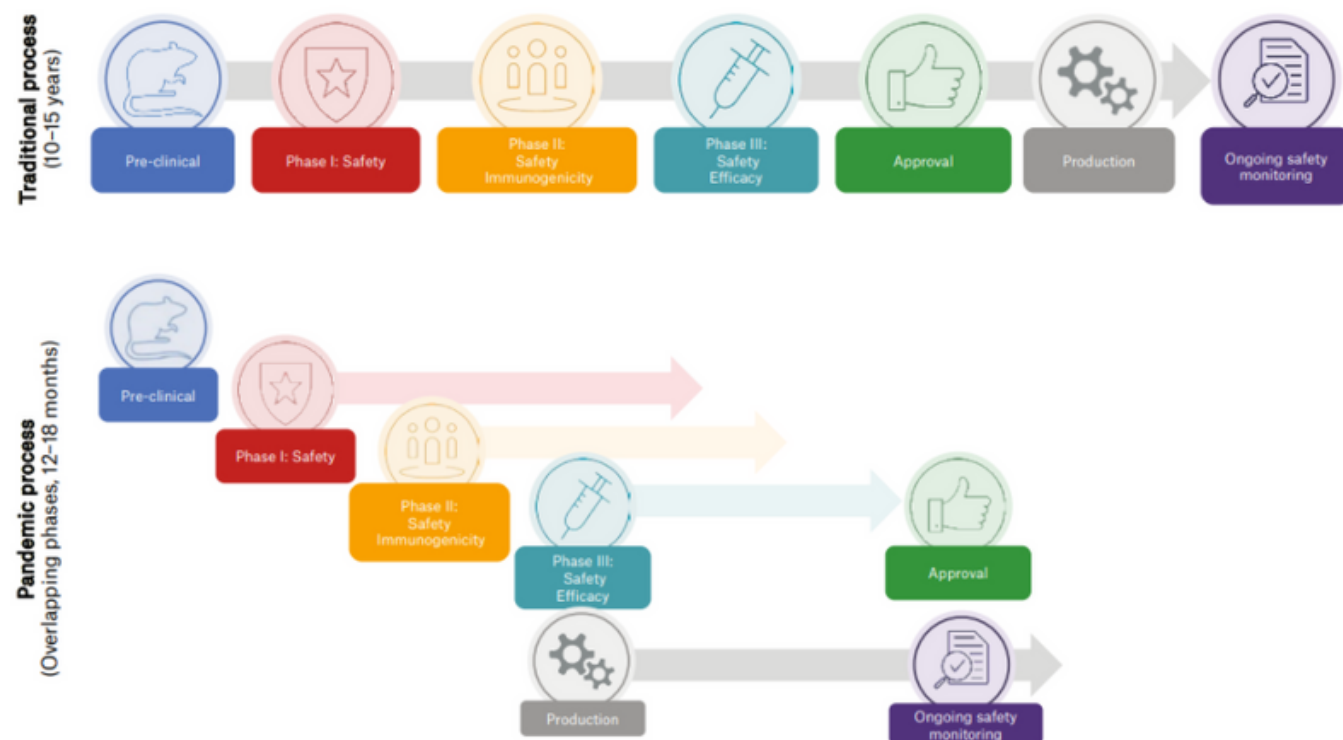


Figure 1. Initial timelines for the traditional versus pandemic vaccine development process

IMAGE SOURCE: "Preparing the public for COVID-19 vaccinations", The Royal Australian College of General Practitioners (RACGP)



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In Australia, the Therapeutic Goods Administration, or the TGA, assesses vaccines for safety, quality and effectiveness before they are approved to be used.

Monitoring and evaluation around the safety and quality of vaccines is ongoing.



For more information:

Therapeutic Goods Administration

- <https://www.tga.gov.au/covid-19-vaccine-approval-process>
- <https://www.tga.gov.au/covid-19-vaccine-safety-monitoring-and-reporting>
- <https://www.tga.gov.au/periodic/covid-19-vaccine-weekly-safety-report-27-01-2022>

World Health Organisation

- <https://www.who.int/news-room/feature-stories/detail/safety-of-covid-19-vaccines>

Australian Government Department of Health

- <https://www.health.gov.au/initiatives-and-programs/covid-19-vaccines/is-it-true/is-it-true-were-covid-19-vaccines-developed-too-quickly-to-be-safe>

The Royal Australian College of General Practitioners

- <https://www1.racgp.org.au/getmedia/a173d18c-6c82-46c5-b79a-5602f206f121/AJGP-10-2020-Editorial-Danchin-Manging-Vaccination-Fig-1.pdf.aspx>





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