About the COVID-19 vaccine trials

**Pfizer Vaccine**

- **Scientists who developed the vaccine**
  - Dr. Ugur Sahin and Dr. Ozlem Tureci established BioNTech in Mainz, Germany

- **44,000 people tested the vaccine**

- **Timeline**
  - April 2020: Phase 1 clinical trial began
  - July 2020: Phase 3 clinical trial began

**Moderna Vaccine**

- **Scientists who developed the vaccine**
  - Dr. Kizzmekia Corbett is a research fellow and lead scientist at the National Institutes of Health

- **30,000 people tested the vaccine**

- **Timeline**
  - March 2020: Phase 1 clinical trial began
  - July 2020: Phase 3 clinical trial began

**Johnson & Johnson Vaccine**

- **Scientists who developed the vaccine**
  - Roland Zahn, Senior Scientific Director of Preclinical Immunology of Viral Vaccines at the Janssen Pharmaceuticals Companies of Johnson & Johnson

- **40,000 people tested the vaccine**

- **Timeline**
  - July 2020: Phase 1 clinical trial began
  - September 2020: Phase 3 clinical trial began

**Similarities in Vaccine Trials**

- All vaccines are least 66.3% effective in preventing any COVID-19 infection.
- All vaccines were 100% effective in preventing COVID-19 deaths in vaccine trials.
- All vaccines are placed in the upper arm.