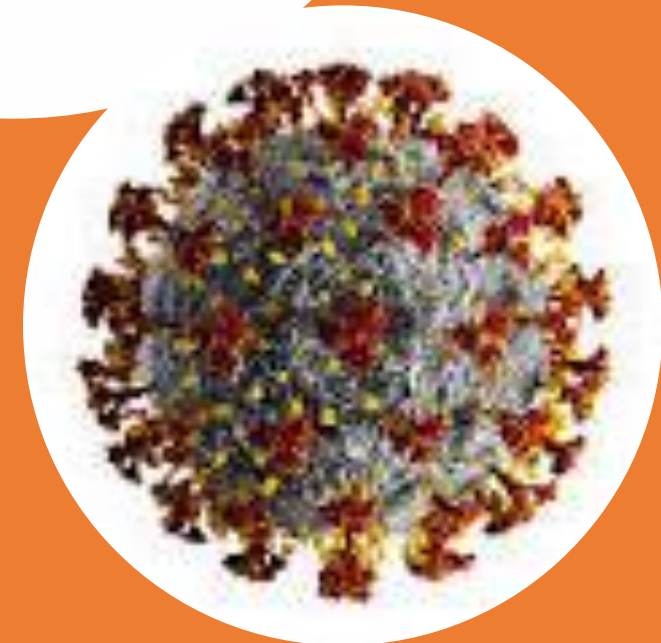


# NACDA NA COVID-19 Healthcare Committee Taskforce

Chairman: Dr. Oliver Takuh

Members: Dr. Cyprian Atanga,  
Mr. Aliou Sali, Mr. Chris Kwake &  
Ms. Stella Tih



CASES ARE RISING.  
**ACT NOW!**

NACDA NORTH AMERICA COVID-19 HEALTHCARE COMMITTEE TASKFORCE - FISCAL YEAR 2021



# Taking Care of You

**Taking Care of You is a collaboration of resources from NACDA NA COVID-19 Healthcare Committee Taskforce.**

*This communication is developed to help educate the Awing community about COVID-19 infection and Vaccination. The communication will emphasize on the tools that communities can use to take better care of themselves during the coronavirus pandemic. While COVID-19 is still with us, we will be widening this communication beyond the coronavirus. Often as caregivers, we put others' needs before our own. We encourage you to use these resources to care for yourself.*



# Taking Care of You

**Taking Care of You is a collaboration of resources from NACDA NA COVID-19 Healthcare Committee Taskforce.**

## **What can you expect form this committee?**

- 1. Weekly information update on corona virus to keep the Awing people informed.**
- 2. Will build a crusade of volunteers within the community to use the information it will provide to educate the Awing people about COVID-19 and the vaccines. This is crucial in fighting this pandemic.**
- 3. Expert opinion shall also be invaluable in helping our community stay ahead of the curve and is highly sought.**
- 4. Zoom conferences shall be organized to help answer your questions and provide more information.**

# Vaccination

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- First conceptualized in 18<sup>th</sup> century
- By 20<sup>th</sup> century vaccine developed included:
  - Tuberculosis, yellow fever, influenzas
- By 1980 Smallpox was eradicated globally
- Numerous vaccines prevent millions of illnesses annually



# Conventional vaccine types

- **Live-attenuated vaccines**
  - Such as measles-mumps-rubella vaccine, contain weakened forms of an organism that causes a disease and stimulates the body to create antibody response.
- **Inactivated vaccines**
  - E.g., influenza vaccines contain a killed version of an organism that causes a disease and stimulates the body to create an antibody response.
- **Subunit, recombinant, polysaccharide and conjugate vaccines**
  - E.g., pneumococcal vaccines, contain components of an organism which act as antigens and stimulate an antibody response. They do not contain the organism itself.
- **Toxoid vaccines**
  - E.g., tetanus vaccine, contain a toxin (antigen) made by an organism that causes a disease. The toxin is an antigen that stimulates an antibody response to specific parts of the organism.



# Benefits of COVID-19 vaccination

## ➤ Vaccination may:

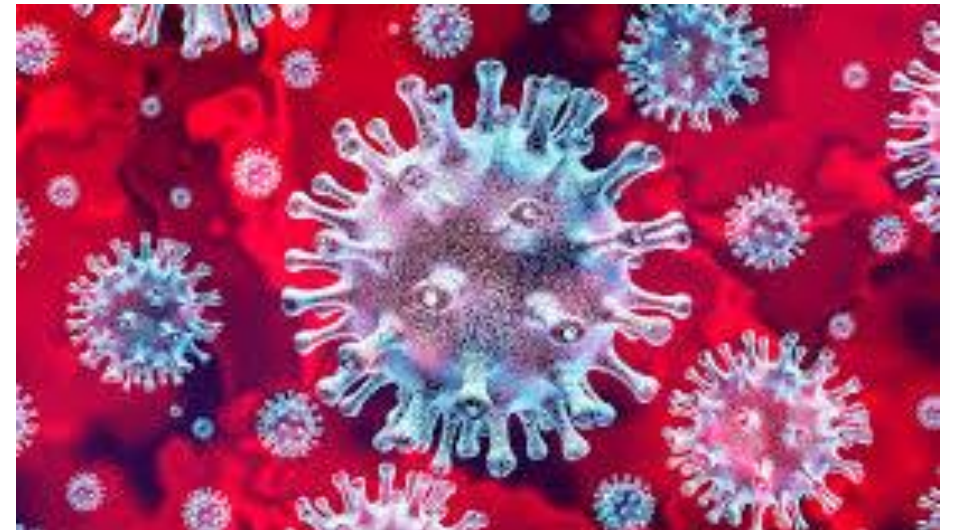
- ✓ reduce illness severity of COVID-19 infection
- ✓ protect friends, family, co-workers, and close contacts from getting COVID-19
- ✓ COVID-19 vaccine is an important tool in the toolbox to end the pandemic
  - ❖ Social distancing and masks reduce the chance of exposure to the coronavirus
  - ❖ Vaccination gets your immune system ready to fight COVID-19 infection if exposed
  - ❖ An important step in the development of herd immunity
    - ✓ Herd immunity is when it is unlikely that a bacteria or virus can spread and cause disease because a large enough proportion of people are protected or considered immune



# Benefits of COVID-19 vaccination cont.

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- ✓ vaccination is the safer path toward immunity
- ✓ There is no way to predict how severe a COVID-19 infection will be for anyone
  - infections can be fatal
- ✓ COVID-19 infection has been associated with long-term consequences, even in young healthy people
  - e.g., lung, heart, and memory problems; mood changes; kidney damage
- ✓ we don't know how long natural immunity last
  - early evidence suggests natural immunity does NOT last very long



# COVID-19 vaccines: new, safe, and effective

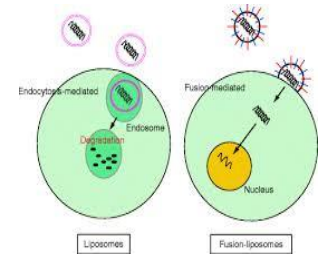
## 1. mRNA vaccines (e.g., Pfizer/BioNTech and Moderna vaccines)

- Gives our cells a blueprint to make a piece of SAR-COV-2 spike protein
- The spike protein triggers an immune response
- Note the mRNA doesn't enter the nucleus and therefore CANNOT be incorporated into the genome (NDA)
- Once the blueprint is delivered, the messenger (mRNA) is broken down
- Note SARS-Co-V-2 “spike protein” is **harmless to the vaccine recipient**





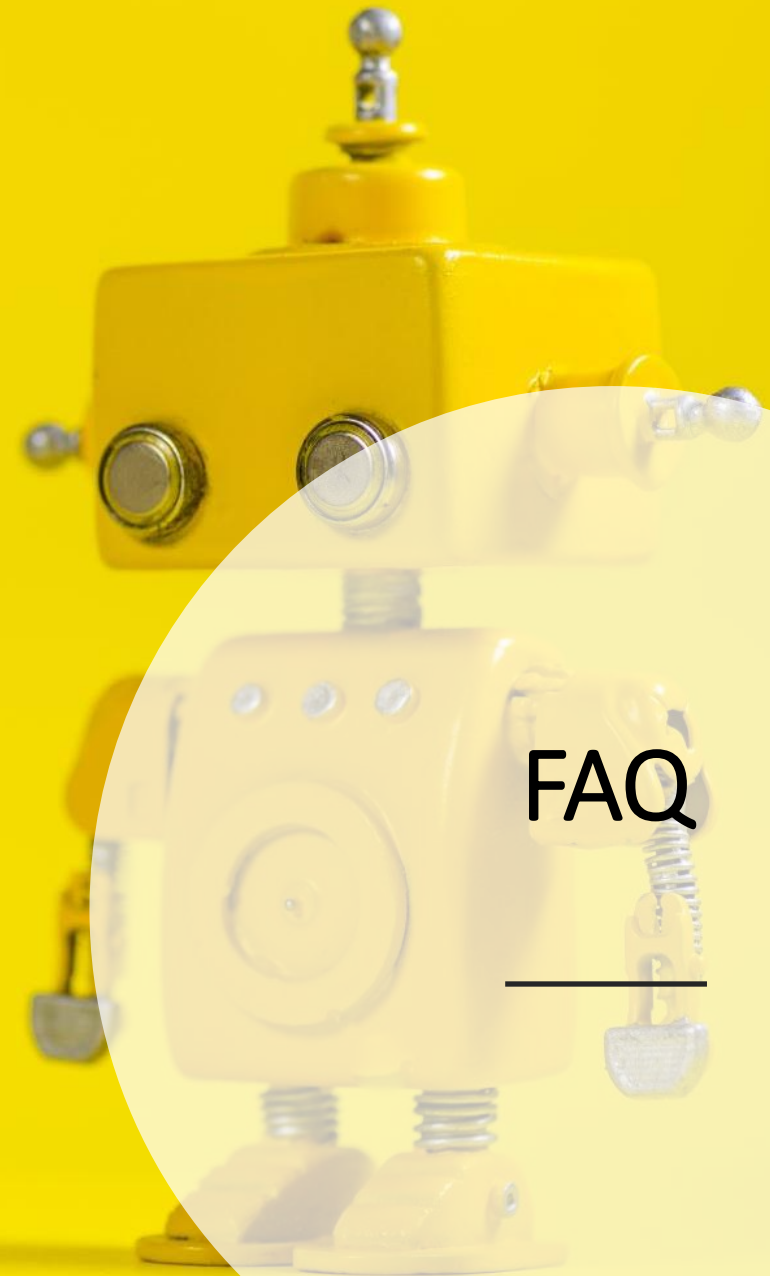
# COVID-19 vaccines: new safe, and effective



## 2. **Vector Vaccines** (e.g., AstraZeneca , Johnson & Johnson vaccines)

- Use a weakened version of a different live virus with a viral vector (genetically inserted material from COVID-19)
- The viral vector teaches the vaccinated person's body to build cells to fight COVID-19
- mRNA and viral vector COVID-19 vaccines do NOT contain the SARS-CoV-2 virus
- mRNA vaccines do NOT affect a person's genetic material (DNA)
- Scientists have been studying mRNA vaccines for >15 years; NOT new science
- The only FDA-approved viral vectored vaccine is the Ebola vaccine ERVEBO

ES ARE RISING.  
CT NOW!



**THANK YOU**

**FAQ**

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# Resources

- CDC. Vaccines & Immunizations. Understanding and explaining mRNA COVID-19 vaccines. November 24, 2020. <https://www.cdc.gov/vaccines/covid-19/hcp/mrna-vaccine-basics.html>. (Accessed December 15, 2020) .
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