

CIMA Health Academy



Empowering global healthcare with comprehensive knowledge, the CIMA Health Academy provides extensive training in vaccination and public health, advancing global health initiatives.



**CHILDREN
IMMUNIZATION APP (CIMA)**

CIMA Health Academy

CIMA Health Academy offers an online educational platform dedicated to advancing global healthcare standards. Currently focused on Rwanda, Cameroon, and Lebanon, with expansion plans, our courses empower nurses and healthcare administrators with advanced clinical skills and continuous professional development. Through accessible, interactive, and practical training modules, CIMA Health Academy is committed to transforming healthcare education, promoting superior child vaccination practices, and fostering professional growth.

cima.care/health-academy



Topics

The course covers six primary modules, each addressing crucial aspects of vaccination programs:

❖ Foundations of Vaccination Programs

- Historical perspective on vaccines
- The fundamentals of immunology
- Types of vaccines
- Vaccine development process

❖ Implementation and Impact

- Global vaccination efforts
- National immunization programs
- Vaccine coverage and access
- Vaccine-preventable diseases
- Herd immunity

❖ Monitoring and Evaluation

- Monitoring vaccine coverage
- Vaccine surveillance systems
- Assessing vaccine effectiveness
- Vaccine safety monitoring
- Addressing vaccine hesitancy

❖ Success Stories and Future Outlook

- Vaccines for special populations
- The economic impact of vaccination
- Vaccination ethics and policy
- Innovations in vaccine technology

❖ Vaccine Equity and Infrastructure

- Vaccines for special populations
- The economic impact of vaccination
- Vaccination ethics and policy
- Innovations in vaccine technology
- Lessons from the COVID-19 vaccination

❖ Special Considerations and Impact

- Vaccines for special populations
- The economic impact of vaccination
- Vaccination ethics and policy
- Innovations in vaccine technology
- Lessons from the COVID-19 vaccination



Educational Objectives

The course aims to give participants a thorough understanding of vaccination programs, their implementation, and their global health impact.

- ❖ Develop a thorough understanding of vaccine science, from historical development to current innovations.
- ❖ Analyze the global impact of vaccination efforts and the role of national immunization programs.
- ❖ Evaluate strategies for monitoring vaccine coverage, effectiveness, and safety.
- ❖ Examine the ethical, economic, and policy implications of vaccination programs.
- ❖ Explore innovative vaccine technologies and their potential applications in addressing global health challenges.
- ❖ Assess successful vaccination campaigns and apply lessons learned to optimize immunization programs.
- ❖ Understand the importance of vaccine equity and robust public health infrastructure in ensuring global vaccine access.
- ❖ Develop skills for effective collaboration with various stakeholders in global immunization efforts.

Learning Outcomes

Upon completion of the course, participants will be able to:

- ❖ Explain the historical development of vaccines, basic immunology principles, and differentiate between various types of vaccines.
- ❖ Evaluate the global impact of vaccination efforts and critically analyze the role of national immunization programs in promoting public health.
- ❖ Identify vaccine-preventable diseases and articulate the concept of herd immunity in protecting communities.
- ❖ Design and implement effective strategies for monitoring vaccine coverage, assessing vaccine effectiveness, and ensuring vaccine safety.
- ❖ Develop evidence-based communication strategies to address vaccine hesitancy and promote vaccine acceptance.
- ❖ Analyze and address the unique considerations for vaccinating special populations, including children, the elderly, pregnant women, and immunocompromised individuals.
- ❖ Evaluate innovative vaccine technologies, such as mRNA vaccines, and their potential applications in addressing future global health challenges.
- ❖ Formulate comprehensive plans for future pandemic preparedness, incorporating lessons from recent global health crises and successful vaccination campaigns.