The Vaccine Life Cycle

Safety at every phase

GUIDE
ACIP
Advisory Committee on Immunization Practices
BLA
Biologics License Application
CDC
Centers for Disease Control and Prevention
FDA
Food and Drug Administration
IND
Investigational New Drug Application

Safety is a priority during vaccine development + approval

Basic Research
Discovery
Pre-clinical Studies
IND Submitted
Clinical Studies / Trials
BLA Submitted
FDA Review
ACIP Review
ACIP Recommendation
Post-Approval Monitoring + Research

Phase 1
Safety

Phase 2
Effectiveness

Phase 3
Safety + Effectiveness

Phase 4
Safety Monitoring for Serious, Unexpected Adverse Events

Learn More
FDA Vaccine Development + Approval Process
CDC Vaccine Safety Monitoring + Research