

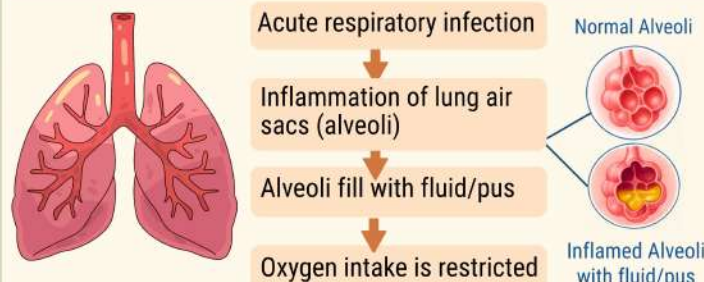
UNIVERSAL VACCINE AGAINST PNEUMONIA & MENINGITIS



CONTEXT

Scientists are looking for a universal pneumococcal vaccine capable of targeting all the hundred or so forms of *Streptococcus pneumoniae* bacteria.

PNEUMONIA – HOW IT AFFECTS THE LUNGS



Transmission: Airborne droplets • Surface contact • Blood during childbirth

Vulnerable groups: Children under 5 • Adults over 65

INDIA – SCHEMES & INITIATIVES



PCV Vaccine

Universal Immunization Programme (UIP)

Protects against pneumonia + meningitis + sepsis



SAANS Campaign

Social Awareness and Action to Neutralise Pneumonia Successfully

Promotes early identification in under-5 children



Integrated Action Plan

Prevention & Control of Pneumonia and Diarrhea

Integrated strategy targeting pneumonia and diarrhea, identified as India's two highest under-5 child killers.

GLOBAL FRAMEWORKS



GAPPD

Global Action Plan for the Prevention and Control of Pneumonia and Diarrhoea

WHO + UNICEF plan

Aim: Fewer than 3 child pneumonia deaths per 1,000 live births



WORLD PNEUMONIA DAY

12 November - Every year



Important points

- ✓ **Universal vaccine** → targets all the hundred or so forms of *Streptococcus pneumoniae*
- ✓ **Pneumonia** → affects alveoli
- ✓ **PCV** → UIP
- ✓ **SAANS** → early identification in under-5 children
- ✓ **GAPPD** → WHO + UNICEF
- ✓ **World Pneumonia Day** → 12 November

