

Universal Immunisation Programme (UIP)



Why in News?

A Union Health Ministry study suggests that introducing a **hexavalent (6-in-1) vaccine** into India's **Universal Immunisation Programme (UIP)** could make childhood vaccination more efficient.

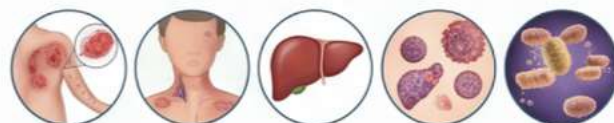


Health
Ministry



What is a Hexavalent Vaccine?

- A hexavalent vaccine is a 6-in-1 vaccine that protects infants against six diseases through a single injection.

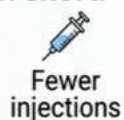


Diphtheria • Tetanus • Pertussis (Whooping cough) • Hepatitis B • Polio • Haemophilus influenzae type b (Hib)

Why is it useful?

It can reduce the number of injections, ease the workload of frontline health workers, reduce cold-chain requirements, and save time for caregivers.

In short:



Universal Immunisation Programme (UIP)

Year	Development
1978	Expanded Programme of Immunisation (EPI) launched in India
1985	EPI renamed Universal Immunisation Programme (UIP)

Mission Indradhanush

Launched: 2014

Objective: To achieve full immunisation of:

Children up to 2 years

Pregnant women

using all available vaccines under the programme.

Intensified Mission Indradhanush (IMI 5.0)

Feature	IMI 5.0
Implementing Ministry	Ministry of Health & Family Welfare
Target	Missed-out & dropout children + pregnant women
Coverage	Conducted across all districts
Age coverage	Children up to 5 years
Special focus	Measles & Rubella vaccination
Goal	Improve MR coverage and support elimination efforts



Mission Indradhanush → IMI 5.0

Mission Indradhanush (2014)

Missed / Dropout Beneficiaries

Intensified Mission Indradhanush

Children + Pregnant Women



Higher Immunisation Coverage



Vaccines Under Mission Indradhanush

The programme covers vaccines against multiple vaccine-preventable diseases.

Vaccine	Protects against
BCG	Tuberculosis
DPT	Diphtheria, Pertussis, Tetanus
Td	Tetanus & adult Diphtheria
bOPV	Polio
MR	Measles & Rubella
Hep-B	Hepatitis B
Pentavalent	DPT + Hep-B + Hib
RVV	Rotavirus disease
PCV	Pneumococcal disease
JE vaccine	Japanese Encephalitis

Exam Alert: The material listed here contains 10 vaccine categories, although it refers to the broader set as "12 diseases." Don't confuse number of vaccines/vaccine categories with number of diseases covered.



Pentavalent vs Hexavalent

	Pentavalent	Hexavalent
Meaning	5-in-1	6-in-1
Components	DPT + Hep-B + Hib	DPT + Hep-B + Hib + Polio
Number of diseases	5	6
Key Difference	—	Adds Polio

Formula

Pentavalent = 5

DPT + Hep-B + Hib

Hexavalent = 6

DPT + Hep-B + Hib + Polio