

## Common Vaccinations in Infants and Children- A Brief Review

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### ABSTRACT

There is an increasing worldwide realization that immunization uptake rates in children and infants are less than required for adequate control of vaccine preventable diseases. Vaccine consists of attenuated, inactivated or killed organisms modified toxins or subunits. Good vaccines are simple to administer, free of toxic components and induces permanent immunity. Childhood vaccinations not only protect a child from deadly diseases like polio, tetanus and diphtheria but also prevents its spread to other children. Various vaccination programs are conducted in community hospitals and even private hospitals near us. Common vaccines in present scenario are BCG vaccine, Poliomyelitis vaccine, diphtheria vaccine, pertussis vaccine, tetanus vaccine, measles vaccine, MMR vaccine, Hepatitis B vaccine, varicella vaccine typhoid vaccine etc. The word “vaccine” originates from the Latin Variolae vaccine (cowpox), which Edward Jenner explained in 1798 might stop variola major. ‘Vaccine’ means all or any biological preparations, made from living organisms, that enhance immunity against malady and either stop or, in some cases, treat illness. The vaccines described are about BCG vaccine, OPV vaccine, Hepatitis B vaccine, DTaP and DTwP vaccine, Hemophilus Influenza B vaccine, Rota virus vaccine, MMR vaccine, MR vaccine, Pneumococcal vaccine, Japanese B vaccine, Typhoid vaccine and Varicella vaccine.

**Keywords:** Vaccine, Immunization, Childhood vaccination, Polio vaccine, BCG vaccine, Poliomyelitis vaccine, Diphtheria vaccine, Pertussis vaccine, Tetanus vaccine, Measles vaccine, MMR vaccine, Hepatitis B vaccine, Varicella vaccine, Typhoid vaccine.

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