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| **Vaccine** | | **Type** | **Route of administration** | **Age**  **Vaccinations** | **Side effects** | **Contraindications** | **Notes** |
| **BCG** | | Live attenuated | Intra-dermal | 1 month | Local lesion, abscess , scar , osteitis | Immunosuppression, Tuberculin +ve people | Decrease risk of miliary TB and TB meningitis |
| **Dtp** | | Inactivated/ Fractional (Toxoid) | IM | 2 , 3 , 4 , 18 months | Seizure , fever | Encephalopathy within 7 days of the previous dose | Pertusis is Inactivated/ whole cell |
| **Polio** | **IPV**  **(salk)** | Inactivated/whole cell | IM | 2 , 3 , 4 months |  |  | Prevent infantile paralysis |
| **OPV**  **(sabin)** | Live attenuated | Oral | 3 , 4 , 9 , 18 months and 6 years | Vaccine associated paralytic polio | Immunocompromised |
| **Hemophilus B** | | Inactivated/Fractional (conjugated) | IM | 2 , 3 , 4 months |  |  | Protect against meningitis , used in pt with splenectomy |
| **Hepatitis B** | | Inactivated/ Fractional (Recombinant) | IM | 2 , 3 , 4 months |  |  |  |
| **Rota** | | Live attenuated | Oral | RotaTeq : 2 , 4 , 6 months  Rotarix : 2 , 4 months |  | Immunodeficiency , history of intussusception | Started in 2015 |
| **Measles** | | Live attenuated | S/C | 9 month | Seizure |  |  |
| **MMR** | | Live attenuated | S/C | 12 , 18 months | Rash , swelling of glands in the cheeks and neck, fever , ITP (rubella) | Hx of reaction to neomycin , pregnancy | Can be given in egg allergy |
| **Pneumococcal**  **C**onjugated or **p**olysaccharide | |  | IM | P**C**V 7 : < 2 years  P**P**V : older and adults |  |  | PCV : child with Cystic fibrosis or Cochlear implant |
| **Influenza** | | Inactivated/Whole cell | Killed : IM  Live attenuated : nasal spray |  |  | anaphylactic-like reaction to eggs |  |
| **Meningococcal**  **P**olysaccharide or **C**onjugated | |  | MPSV4: SC  MCV4 : IM | M**P**SV4 : 2 years and up  M**C**V4 : 11-55 years |  | MCV4 C/I if hx of Guillain-Barre syndrome | Given in immunodeficiency , functional asplenia |
| **Varicella** | | Live attenuated | IM | 1st dose : 12-15 months  2nd dose : 4-6 years |  | anaphylactic egg or neomycin allergy |  |

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* Last 4 vaccines are not among the national Jordanian vaccination program.