



Recommended Vaccination for Special Risk Groups

Disease Condition	Recommended Vaccines	Number of Doses
Diabetes Mellitus	Pneumococcal Conjugate (PCV)	Single dose
	Pneumococcal Polysaccharide (PPSV)	Single dose
	Hepatitis B	3 doses
	Inactivated Seasonal Influenza	Single dose in every season
	Tetanus/Diphtheria Toxoid (Td) Or Tdap	Booster doses after the primary series
Heart disease/ Stroke	Pneumococcal Conjugate (PCV)	Single dose
	Pneumococcal Polysaccharide (PPSV)	Single dose
	Inactivated Seasonal Influenza	Single dose in every season
	Tetanus/Diphtheria Toxoid (Td) Or Tdap	Booster doses after the primary series
Chronic Renal Failure including Renal Dialysis	Hepatitis B	3-4 doses
	Pneumococcal Conjugate (PCV)	Single dose
	Pneumococcal Polysaccharide (PPSV)	Single dose and single revaccination dose after 5 years
	Inactivated Seasonal Influenza	Single dose in every season
Chronic Liver Disease	Tetanus/Diphtheria Toxoid (Td) Or Tdap	Booster doses after the primary series
	Hepatitis B	3 doses
	Hepatitis A	2 doses
	Pneumococcal Conjugate (PCV)	Single dose
	Pneumococcal Polysaccharide (PPSV)	Single dose
	Inactivated Seasonal Influenza	Single dose in every season
Chronic Lung Disease including Bronchial Asthma	Tetanus/Diphtheria Toxoid (Td) Or Tdap	Booster doses after the primary series
	Inactivated Seasonal Influenza	Single dose in every season
	Pneumococcal Polysaccharide (PPSV)	Single dose
	Pneumococcal Conjugate (PCV)	Single dose
Sickle cell disease patients. Patients with functional or anatomical asplenia and pre-splenectomy	Tetanus/Diphtheria Toxoid (Td) Or Tdap	Booster doses after the primary series
	Haemophilus influenza type b (Hib) for those >5 years of age	Single dose
	Inactivated Seasonal Influenza	Single dose in every season
	Meningococcal ACWY conjugate	Single dose, booster doses every 5 years (according to manufacturer)
	Hepatitis B	3 doses
	Pneumococcal Polysaccharide (PPSV)	Single dose and single revaccination dose after 5 years.
	Pneumococcal Conjugate (PCV)	Single dose
Cochlear implants	Pneumococcal Polysaccharide (PPSV)	Single dose
	Pneumococcal Conjugate (PCV)	Single dose
HIV (determined by treating physician)	Inactivated Seasonal Influenza	Single dose in every season
	Tetanus/Diphtheria Toxoid (Td) Or Tdap	Booster doses after the primary series
	Meningococcal ACWY conjugate	Single dose, booster doses every 5 years (according to manufacturer)
	Pneumococcal Polysaccharide (PPSV)	Single dose and single revaccination dose after 5 years
	Pneumococcal Conjugate (PCV)	Single dose
	Hepatitis B	3 doses
Post solid organ transplant (to be determined by treating physician)	Tetanus/Diphtheria (Td) Toxoid/ Tdap.	Booster dose after completing the primary series.
	Inactivated seasonal influenza vaccine	Single dose in every season
	Pneumococcal polysaccharide	One dose and revaccination dose after 5 years.
	Pneumococcal Conjugate	One dose
	Hepatitis B	3 doses (check Hepatitis B immunity after 1-2 months of last dose). If the vaccine was received before check immunity and accordingly to decide about the need of repeating vaccination series for non-immune).
Immunocompromised by malignancy/ Post Bone marrow transplant	Refer to oncology and Post Bone marrow transplant guidelines, (Fitness certificate by treating physician)	

- **Pneumococcal vaccine:** To start with pneumococcal conjugate vaccine followed by pneumococcal polysaccharide vaccine (PPSV) (the minimum interval is 8 weeks). However, if the patient received pneumococcal polysaccharide vaccine previously, wait for one year then administer the pneumococcal conjugate vaccine. If the most recent dose of (PPSV) was administered before the age of 65 years, administer another dose of (PPSV) at least 5 years after the last dose of the same vaccine (PPSV) (only one dose of PPSV is recommended after the age of 65 years).
- **Varicella vaccine:** is recommended to certain risk categories such as non-immune healthcare workers in direct contact with patients, for healthy susceptible in close household contact of immunocompromised patients (e.g., siblings of a child with leukemia, or a child whose parent is on chemotherapy), and certain diseases that make patient more vulnerable to complication of the infection and other categories determined by healthcare providers.
- **Hepatitis A vaccine:** Is given according to routine schedule and if otherwise indicated.