



Vaccination Guidelines for Adult Patients after Autologous Stem Cell Transplantation

- *These tables may be adjusted by the transplant doctor.*
- *Not all patients will receive the same regimen.*
- *As new vaccines become available, ask your doctor if they recommend you receive them.*

Timing	Recommended	Optional
3- or 6-month visit	COVID-19 (begin 3-shot series 3 to 6 months after transplant followed by a booster after 2-4 months from last dose)	
9-month visit	DTaP (Daptacel), HiB, PCV20, Shingrix	Inactivated polio (IPV) (injectable)
12-month visit	DTaP (Daptacel), HiB, PCV20, MCV4, Hep A#, Hep B#, Shingrix	
14-month visit	MCV4, Hep B#	Inactivated polio (IPV) (injectable)
18-month visit	DTaP (Daptacel), HiB, PCV20, Hep A#, Hep B#	
24-month visit	MMR	
Annually	Influenza (injectable)	

#Strongly consider if clinically indicated. May give Hep A and B combined vaccines (Twinrix) at 12 and 18 months if immunization for both Hep A and Hep B is needed.

Inactivated Vaccines

Include:

- DTaP (Daptacel = Diphtheria/Tetanus/*acellular* Pertussis)
 - Haemophilus Influenzae type B (HiB)
 - Pneumococcal conjugate 20-valent vaccine (PCV20)
 - Hep A
 - Hep B
 - Meningococcal conjugate vaccine
 - Recombinant Zoster (shingles) vaccine (Shingrix)
 - Influenza (injectable)
- Inactivated vaccines may be given together at the same time. Vaccination may be postponed (except the influenza and COVID-19 vaccines) for patients receiving more than 20 mg of prednisone (a steroid that would make the vaccine ineffective) or patients receiving rituximab.

- Influenza vaccine to be given annually. Can be given in the fall and as early as 3-6 months after transplant. If given early (before 6 months), then a second dose needs to be given after 6 months.

Live Vaccines

Include:

- Measles/Mumps/Rubella (MMR)
- Follow schedule above if no ongoing immunosuppression and at the physician's discretion. Physicians should assess the immune status of each patient on a case-by-case basis.

Travel-Related Vaccines

- For typhoid, yellow fever, and others as needed, call the BWH Travel Clinic at 617-732-8881.
- For rabies vaccination, call Dana-Farber's Infection Control Department at 617-632-2200.