

Recommendations for Immunizations of Pediatric Patients Before and After Kidney Transplantation

Vaccine	Recommend before transplant	Recommend after transplant
Influenza inactivated	Yes	Yes*
Influenza live attenuated	Yes (as long as >2 months prior to transplant)	No
Hepatitis B	Yes	Yes*
Rotavirus	Yes	Yes*
Diphtheria/tetanus/pertussis	Yes	Yes*
Hemophilus influenza type b	Yes	Yes*
Pneumococcal conjugate vaccine (PCV)	Yes	Yes*
Pneumococcal polysaccharide vaccine (PPSV)	Yes	Yes*
Inactivated Poliovirus	Yes (Inactivated)	Yes (Inactivated)*
Measles/Mumps/Rubella	Yes (as long as >2 months prior to transplant)	No
Varicella zoster vaccine	Yes (as long as >2 months prior to transplant)	No
Hepatitis A	Yes	Yes*
Meningococcal/Menactra®	Yes	Yes*
HPV/ Gardasil®	Yes	Yes*

We recommend that all household members and close contacts be fully vaccinated. Household members may receive MMR and varicella zoster vaccine but not within the 1st year of the patient's transplant. Household members should be counseled to receive inactivated poliovirus only.

*In general, immunizations are withheld for 1 year POST transplant and the resumption should be according to CDC and American Academy of Pediatric guidelines with catch up immunizations, with the exception of live vaccines. Live vaccines should never be administered to a patient after transplant.