

TCT AUTO/CAR-T: What to Expect After Day 100

Once you have completed Day +80 restaging and have reviewed the results with your TCT attending doctor, you will be referred back to your previous/primary oncologist to continue your care.

Medications

- ❖ Prescriptions for a Vitamin D supplement are filled for 1 year after transplant. After that, please have your primary doctor write the prescriptions.
- ❖ Any medication that you were taking before your transplant should be refilled by the provider who first prescribed that drug.
- ❖ If you started a new medication during transplant, such as medication for blood pressure or depression, we fill the script until you have returned to the care of your **primary care doctor**. You should reestablish with your primary care doctor within 1-2 months after Day +100. Your primary doctor will fill any prescriptions after this time.
- ❖ Any medications you take to prevent infections will continue to be refilled by the TCT clinic.
 - Bacterial (pneumococcal): Antibiotics (penicillin VK, doxycycline, or azithromycin) to prevent bacterial infections will be continued for at least 1 year after your transplant. You can stop:
 - after you have completed your pneumococcal vaccination series **AND**
 - you have documented proof you have a titer response to the vaccinations **Note:** If you have had your spleen removed, you will continue to take an antibiotic indefinitely even after receiving vaccination
 - Viral: Continue taking acyclovir for at least 1 year after your transplant. You can stop:
 - once your CD4 count is more than 200 **AND**
 - you have completed the Shingrix® vaccination series to prevent shingles **Note:** If you have a history of shingles, you will continue to take acyclovir indefinitely even after receiving the Shingrix vaccination

Note: If your treatment includes a monoclonal antibody or a proteasome inhibitor medication, you must continue taking acyclovir for as long as you remain on that treatment.

- PCP prophylaxis: Continue Bactrim® (sulfamethoxazole + trimethoprim), dapsone, Mepron® (atovaquone), or Nebupent® (pentamidine) for at least 1 year after transplant or CAR-T. It can be discontinued once your CD4 count is over 200.

Vaccination Schedule

You will be scheduled to start vaccines at or around day +180, which is 6 months after transplant. These vaccinations will be given in the TCT clinic, unless you have made arrangements to get the vaccines from your primary care doctor or a referring oncologist.

START - 6 months after transplant

- Hepatitis A & B Dose #1: Prevents hepatitis type A and hepatitis type B
- Prevnar-20® Dose #1 Prevent pneumococcal pneumonia
- Menactra® Dose #1 Prevent meningococcal [bacterial] meningitis
- Pentacel® (DTaP/Hib/Polio) Dose #1: Prevent diphtheria, pertussis, tetanus; blood/joint/bone infections, meningitis, pneumonia; and polio)

2 months after START - 8 months after transplant

- Hepatitis A & B Dose #2
- Prevnar-20 Dose #2
- Menactra® Dose #2
- Pentacel® Dose #2

4 months after START - 10 months after transplant

- Prevnar-20® Dose #3
- Shingrix® Dose #1: Prevent shingles

6 months after START - 12 months after transplant

- Shingrix® Dose #2

12 months after START - 18 months after transplant

- Hepatitis A & B Dose #3
- Menactra® Dose #3
- Pentacel® Dose #3
- Pnemovax-23®

20 months after your transplant: Blood is drawn to check your vaccine titers, which can tell us if you have developed antibodies to these diseases.

Note: MMR (measles, mumps, rubella/German measles) vaccinations will be given 2 years after your transplant or CAR-T therapy once your CD4 count is over 200 if you are NOT on immunosuppressive or other therapy that is not approved for live-attenuated viruses. If you are receiving lenalidomide and/or bortezomib maintenance therapy, you can still receive the vaccinations.

This vaccine information is also available as a chart. See the next page.

Vaccination Schedule Chart

Vaccines start at or around day +180, which is 6 months after transplant. Vaccinations are given in the TCT clinic, unless you have made arrangements to get the vaccines from your primary care doctor or a referring oncologist.

| Vaccine | Start (6 mos after BMT/ CAR-T) | 2 months after start (8 mos after BMT/ CAR-T) | 4 months after start (10 mos after BMT/ CAR-T) | 6 months after start (12 mos after BMT/ CAR-T) | 12 months after start (18 mos after BMT/ CAR-T) |
|--|---|---|--|--|---|
| diphtheria, pertussis, tetanus (DTaP) | X | X | | | X |
| haemophilus B (Hib): Prevent blood/joint/bone infections, meningitis, pneumonia | X | X | | | X |
| hepatitis A | X | X | | | X |
| hepatitis B | X | X | | | X |
| meningococcal conjugate (MCV4/Menactra®): Prevent bacterial meningitis | X | X | | | X |
| pneumococcal (PVC20/ Pneumovax 20®): Prevent pneumonia | X | X | X | | |
| pneumococcal (PPSV23/Pneumovax 23®): Prevent pneumonia | | | | | X |
| polio | X | X | | | X |
| zoster vaccine (Shingrix®): Prevent shingles | | | X | X | |

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