

PBSCT PHYSICIANS GUIDE

Peripheral blood stem cell transplantation (PBSCT) is a procedure that restores stem cells that have been destroyed by high doses of chemotherapy and/or radiation therapy. It is believed that higher doses of chemotherapy kill more tumor cells than standard doses. By increasing the doses, we are attempting to prolong the time that a tumor is kept under control; presumably, destruction of all tumor cells would produce a cure. The Clearview Cancer Institute utilizes PBSCT to treat eligible patients with leukemia, lymphoma, or multiple myeloma. (All patients must meet the general eligibility requirements below.)

Peripheral Blood Stem Cell Transplant Program eligibility criteria for PBSCT.

General Eligibility Criteria:

- » 1. Patients must meet the high-dose chemotherapy with stem cell support candidate criteria specific to disease.
- » 2. Patients must have a performance status of 0 or 1 at the time of initiation of high-dose chemotherapy.
- » 3. Patients must have adequate organ function. Patients must have no uncontrolled or significant cardiovascular disease, congestive heart failure, serious cardiac conduction abnormality such as second or third degree heart block or ventricle arrhythmias other than PVC's. Patients must be HIV negative. A pre-transplant evaluation will be performed. Please click [here](#) for the list of evaluations that will be performed.
- » 4. Patients must not have a serious uncontrolled psychiatric illness that prevents informed consent or participation in treatment.
- » 5. Patients must not be nursing or pregnant.
- » 6. All patients must be informed of potential risks and benefits as well as alternatives to the treatment plan and must sign an informed consent.
- » 7. Patients must submit to and complete pre-treatment evaluation.
- » 8. Patients must be 19 years of age or older. Any exception to this rule will require approval from the transplant physician, Program Director, and informed consent for a minor.



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