

## **Role of the Physician Assistant/Nurse Practitioner in Stem Cell Transplantation**

Provide quality care to HSCT patients in conjunction with the patient's physician and care team under the guidelines established per respective state regulations, institutional guidelines, ASBMT, NMDP and current best practice in medicine including:

1. Evaluate potential candidates and donors for stem cell transplantation understanding the malignant and non-malignant indications for stem cell transplantation as well as eligibility criteria
2. Evaluate potential donors for stem cell transplant understanding the key components for donor selection
3. Understand the different conditioning regimens and how each contributes to the immunological and cellular recovery following stem cell transplant
4. Utilize evidence-based medicine practices to develop differential diagnoses and treatment plans
5. Evaluate and treat post-transplant complications including acute and chronic GVHD, infections, organ damage, relapse and understand the management of patients who are on chronic immunosuppression
6. Proficiently perform HSCT specific procedures including but not limited to bone marrow biopsy and aspiration, bone marrow harvests, lumbar punctures, skin biopsy and stem cell infusion.
7. Communicate effectively with patients and their families regarding the patient's medical status and translate medical terminology to more basic terminology that patients/caregivers can understand
8. Counsel patients and their families regarding complex medical problems, ethical issues, survivorship and end-of-life care as necessary
9. Communicate effectively with supervising physicians, other PAs/NPs, referring providers, consultants and the transplant team regarding the clinical status of stem cell transplant patients
9. Advance the science of transplant through participation in research when able, while staying abreast of changes to evidence-based medicine as it pertains to HSCT
10. Remain familiar with the current medical literature in stem cell transplantation, including the current controversies and the public-health and economic ramifications of stem cell transplantation
11. Understand and communicate issues of ethical considerations in the conduct of stem cell transplantation
12. Participate in efforts to maintain public awareness and need for donor registration
13. Educate and mentor new PAs/NPs interested in pursuing a career in stem cell transplantation
14. Serve as a resource to other health care professionals training and/or rotating through the stem cell transplant unit. Trainees may include NP/PA students, NP/PA new hires, residents, fellows, RN students/RNs.
15. Maintain privileges (per all regulations and guidelines) to write orders and administer chemotherapy, order diagnostic tests and bill for services rendered.