PBMT-GEN-004

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PBMT-GEN-004
PEDIATRIC BLOOD AND MARROW TRANSPLANT PROGRAM
ADVANCED PRACTICE PROVIDERS

1 PURPOSE

1.1 To ensure the Advanced Practice Provider (APP) scope, responsibilities and work performed are fully defined and training and competency are aligned as defined within this document.

2 INTRODUCTION

2.1 Clinical programs performing pediatric and adult HSCT transplants and involved in cellular therapy (CT) shall have a transplant team trained in the management of the pediatric and adult patient.

3 SCOPE AND RESPONSIBILITIES

3.1 Occupational Summary

3.1.1 In concert with a full team of pediatric blood and marrow transplant professionals, the Advanced Practice Provider (APP), which may be either a nurse practitioner (NP) or physician assistant (PA), will provide medical service to patients from new-born to 21.99 years old (unless the Pediatric Nurse Practitioner (PNP) is credentialed to see patients up to 25.99 years old) on the Pediatric Transplant and Cellular therapy (PTCT) service. If the APP is a Family Nurse Practitioner (FNP), he/she is certified to care for all ages. The APP shall be licensed to practice in the jurisdiction of the clinical program and be limited to the scope and practice within the parameters of the training and licenses.

3.1.2 The APP will collect and document data, conduct diagnostic and therapeutic procedures, order and schedule laboratory and diagnostic studies, surgical procedures and professional consultations, educate nurses, APP students, fellows, and new physicians.

3.1.3 The APP will communicate with, educate, and supervise the care of patients provided by the Registered Nurses (RNs), home health RNs, and referring physicians. They will also provide direct patient-care services.

4 DEFINITIONS/ACRONYMS

4.1 ABMT Adult Blood and Marrow Transplant
4.2 APBMT Adult and Pediatric Blood and Marrow Transplant
4.3 APP Advance Practice Provider
4.4 CHC Children’s Health Center
4.5 CT Cellular Therapy
4.6 HSCT Hematopoietic Stem Cell Transplant
4.7  HUC  Health Unit Coordinator
4.8  FNP  Family Nurse Practitioner
4.9  IV  Intravenous
4.10 NP  Nurse Practitioner
4.11 PA  Physician Assistant
4.12 PBMT  Pediatric Blood and Marrow Transplant
4.13 PNP  Pediatric Nurse Practitioner
4.14 PTCT  Pediatric Transplant and Cellular Therapy
4.15 RN  Registered Nurse
4.16 VDH  Valvano Day Hospital

5  MATERIALS
5.1  N/A

6  EQUIPMENT
6.1  N/A

7  SAFETY
7.1  N/A

8  PROCEDURE
8.1  The Advanced Practice Provider (APP) will:

8.1.1  Perform work in the PTCT settings: including but not limited to the outpatient clinic, inpatient unit, office, procedure unit, and in the operating room.

8.1.2  Perform or coordinate the following activities when required for clinical care of the patient:

8.1.2.1  Obtain patient histories

8.1.2.2  Conduct physical examinations, and record the data in the patient’s record;

8.1.2.3  Document progress notes and narrative discharge summaries

8.1.2.4  Prepare patient workups and summaries noting pertinent positive and negative findings;

8.1.2.5  Order, schedule, and interpret laboratory studies and diagnostic procedures

8.1.2.6  Explain the necessity, preparation, nature, and anticipated effects of scheduled diagnostic and therapeutic procedures to the patient and parents. Obtain informed consent prior to planned procedures as necessary.
8.1.2.7 Diagnose, treat and manage acute and chronic illnesses within the scope of practice.

8.1.2.8 Perform diagnostic and therapeutic procedures that enable the physician, in partnership with the APP, to diagnose medical and surgical problems and to prescribe necessary treatment and services of quality patient care.

8.1.2.9 Document data for review by the physician.

8.1.3 Order specific care given by selected RNs in the clinical inpatient unit, clinic, day hospital, and home health settings in collaboration with the physician/attending staff.

8.1.3.1 The Attending Physician will have oversight of the APP

8.1.3.2 The Attending Physician will be available either on site or by telephone.

8.2 The Advanced Practice Provider (APP) will perform, in compliance with their credentialing, the following diagnostic and therapeutic procedures:

8.2.1 Venipuncture for blood sampling and Intravenous (IV) Access

8.2.2 Repair of indwelling central line catheters, when repair is an option

8.2.3 Blood sampling via central venous lines, including: Broviacs, Hickmans, Infuse-a-ports, Port-a-Caths, etc.

8.2.4 Ordering intravenous therapy, including:

8.2.4.1 Fluids and electrolyte replacement

8.2.4.2 Blood components (such as packed red blood cells, platelets, and immunoglobulin)

8.2.4.3 Administration of cancer therapy via other routes, including intrathecal chemotherapy

8.2.4.4 Medications such as antimicrobials, antihypertensives, emergency hypersensitivity medications, and antiemetics,

8.2.5 Ordering of immunizations

8.2.6 Incision of drainage of simple abscesses

8.2.7 Intra-dermal tests

8.2.8 External hemorrhage control

8.2.9 Application of dressings and bandages

8.2.10 Simple debridement procedures

8.2.11 Removal of superficial foreign bodies

8.2.12 Any of the following after completing IN HOUSE CERTIFICATION:

8.2.12.1 Harvesting, processing, transporting bone marrow under the supervision of the attending physician
8.2.12.2 Lumbar punctures, bone marrow aspirates and biopsies

8.3 The Advance Practice Provider (APP) will:

8.3.1 Review plans in advance of patient’s scheduled clinic visit in order that appropriate studies are ordered at time patient registers in the clinic.

8.3.2 Review with, educate and supervise the clinic and home health RN’s and other health professional regarding the plan for each individual patient every morning upon arriving to clinic.

8.3.3 Plan for weekend, monthly and annual follow-up visits.

8.4 The Advance Practice Provider (APP) may:

8.4.1 Participate in basic science and clinical research projects conducted by the supervision physicians;

8.4.2 Prepare statistical reports and analysis setting forth progress, adverse trends, and appropriate recommendations or conclusions.

8.5 The Advance Practice Provider (APP) may be called to participate in:

8.5.1 Parent, child, or community educational projects.

8.5.2 Parent or child support groups, schools, and community service organizations may require the APP’s transplant and cell therapy medical expertise as it applies to their special needs or interests.

8.5.3 Teaching and supervising students, residents, nursing, APP students, fellows and new attending physicians in techniques and procedures, which are unique to this specific clinical setting.

8.5.4 Assisting the attending physician in precepting these individuals, providing guidance in the clinical assessment and disposition of patients.

8.6 The Advanced Practice Provider (APP) will:

8.6.1 Communicate with nursing staff to coordinate work assignments based on patient acuity for assigned nursing personnel to best meet the needs of the patient.

8.6.2 Review the work of subordinate employees; and/or train new personnel, when asked.

8.6.3 Maintain an open line of communication for the purpose of education and supervision of patient care with the patient’s hometown physician and school personnel.

8.6.4 Communicate, educate, order, and supervise the care given to patients by home health agencies.

8.6.5 Communicate and educate insurance company representatives on the status of the patient.

8.6.6 Communicate with pharmacists both inpatient and outpatient and order medications for patients.
8.6.7 Perform other related duties incidental to the work described herein.

8.7 The supervising physician will:

8.7.1 Either be on site in the clinic, in the Operating Room (OR), or on the inpatient ward. If he/she is unable to be present onsite, he/she will be available by pager or mobile phone.

8.8 Education/Training

8.8.1 Participation in a minimum of 10 hours of education hours related to HSCT and cellular therapy annually.

8.8.1.1 Continuing education shall include, but is not limited to, activities related to the field of transplantation.

8.8.2 APPs will maintain training and competency in the transplant-related skills that they routinely practice.

8.8.3 See APBMT-COMM-024 Nurse Practitioner Physician Assistant Training Checklist for additional details on training and competency.

9 RELATED DOCUMENTS/FORMS

9.1 APBMT-COMM-024 Nurse Practitioner Physician Assistant Training Checklist

10 REFERENCES

10.1 N/A

11 REVISION HISTORY

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<th>Author</th>
<th>Description of Change(s)</th>
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<tr>
<td>08</td>
<td>S. McCollum</td>
<td>- Section 3.1 updated for age certification: newborn to 21.99 years old (unless the Pediatric Nurse Practitioner (PNP) is credentialed to see patients up to 25.99 years old) on the Pediatric Transplant and Cellular therapy (PTCT) service. If the APP is a Family Nurse Practitioner (FNP), he/she is certified to care for all ages.</td>
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<td>- Acronym section: updated to include PNP.</td>
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# Signature Manifest

**Document Number:** PBMT-GEN-004  
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All dates and times are in Eastern Time.

## PBMT-GEN-004 Pediatric Blood and Marrow Transplant Program Advanced Practice Providers

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<td></td>
<td>05 May 2021, 11:05:40 AM</td>
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### Medical Director

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<tr>
<td>Joanne Kurtzberg (KURTZ001)</td>
<td></td>
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