



## ADULT AND PEDIATRIC BLOOD AND MARROW TRANSPLANT PROGRAM

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Adult and Pediatric Blood and Marrow Transplant Programs' Training for Physicians

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## **APBMT-COMM-022**

# **ADULT AND PEDIATRIC BLOOD AND MARROW TRANSPLANT PROGRAMS' TRAINING FOR PHYSICIANS**

### **1 PURPOSE**

- 1.1 To ensure attending physician and physician-in-training clinical training, competency, and documentation for the management of patients in the pediatric and adult transplant and cellular therapy population.

### **2 INTRODUCTION**

- 2.1 Clinical programs performing pediatric and adult transplantation shall have a transplant team trained in the management of pediatric and adult patients.

### **3 SCOPE AND RESPONSIBILITIES**

- 3.1 All attending physicians in Adult and Pediatric Blood and Marrow Transplant (APBMT) and cellular therapy programs.
- 3.2 All physicians-in-training, participating in training program in the Adult and Pediatric Blood and Marrow Transplant and cellular therapy programs.

### **4 DEFINITIONS/ACRONYMS**

- 4.1 APBMT Adult and Pediatric Blood and Marrow Transplant
- 4.2 ECP Extracorporeal Photopheresis
- 4.3 HLA Human Leukocyte Antigen
- 4.4 HPC Hematopoietic Progenitor Cell
- 4.5 FACT Foundation for the Accreditation of Cellular Therapy
- 4.6 GVHD Graft Versus Host Disease

### **5 MATERIALS**

- 5.1 N/A

### **6 EQUIPMENT**

- 6.1 N/A

### **7 SAFETY**

- 7.1 N/A

## 8 PROCEDURE

### 8.1 Physician Training for Transplant Program Directors and Attending Physicians

- 8.1.1 All faculty attending physicians have completed at least one year of clinical training in hematopoietic stem cell transplantation including experience in both the outpatient and inpatient settings.

### 8.2 Other Attending Physicians

- 8.2.1 The Adult and Pediatric Blood and Marrow Transplant Program is staffed with faculty physicians licensed to practice in North Carolina and are board certified in either adult hematology or adult oncology or pediatric hematology/oncology or allergy/immunology. The attending physicians have received education and training in transplantation medicine and meet all the standards for credentialing at Duke University Medical Center.
- 8.2.2 Clinical Program attending physicians shall participate in a minimum of ten (10) hours of educational activities related to the field of hematopoietic progenitor cell (HPC) transplantation and other cellular therapy annually.
- 8.2.3 Clinical training and competency include the management of autologous and allogeneic transplant recipients and patients receiving immune effector cells and/or other cellular therapies.
- 8.2.4 Clinical Program attending physicians will be assessed for competency on an annual basis, at a minimum utilizing current FACT training and competency assessment tools. Refer to these documents for a full list of expectations for training and competency.
- 8.2.4.1 APBMT-COMM-023 HSCT Standards Training and Competency Checklist
- 8.2.4.2 APBMT-COMM-047 Immune Effector Cells Standards Training and Competency Checklist
- 8.2.5
- 8.2.5.1 This checklist includes items such as:
- Cognitive skills within hematopoietic progenitor cell transplantation and cellular therapy
  - Training and competency assessments for clinical evaluation, diagnosis, and management.
  - Knowledge expectations for cell processing and administration

### 8.3 Physicians will train annually, at a minimum, to:

- 8.3.1 Standard operating procedures for the Program.

- 8.3.2 Current Good Manufacturing Practices appropriate to the processes performed and in accordance with applicable law. (See related procedure for Good Manufacturing Practices: *COMM-QA-068 Good Manufacturing Practices - GMP- Referred to as Current Good Manufacturing Practices – cGMP*)

#### 8.4 Physicians-in-training

- 8.4.1 Physicians-in-training will be licensed to practice in the jurisdiction of the Clinical Program and shall be limited to a scope of practice within the parameters of their training and licensure and shall be appropriately supervised, including attending physician oversight.
- 8.4.2 Physicians-in-training will receive specific training and develop competence in transplant-related skills, including those outlined in the following documents:
- 8.4.2.1 APBMT-COMM-023 HSCT Standards Training and Competency Checklist
- 8.4.2.2 APBMT-COMM-047 Immune Effector Cells Standards Training and Competency Checklist

## 9 RELATED DOCUMENTS/FORMS

- 9.1 APBMT-COMM-023 HSCT Standards Training and Competency Checklist
- 9.2 APBMT-COMM-047 Immune Effector Cells Standards Training and Competency Checklist
- 9.3 COMM-QA-068 Good Manufacturing Practices - GMP- Referred to as Current Good Manufacturing Practices – cGMP.

## 10 REFERENCES

- 10.1 Current edition, FACT-JACIE Cellular Accreditation Manual

## 11 REVISION HISTORY

Revision No.	Author	Description of Change(s)
08	S. McCollum	Throughout: Competency and Training Checklists updated to current documents:  APBMT-COMM-023 HSCT Standards Training and Competency Checklist  APBMT-COMM-047 Immune Effector Cells Standards Training and Competency Checklist

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