Bone Marrow Transplantation Program

The Bone Marrow Transplantation Program at Cincinnati Children’s Hospital Medical Center is one of the largest pediatric transplant programs in the United States, providing transplants to more than 100 children a year. The program also has the most extensive experience in the nation in the diagnosis and treatment of children with primary immune deficiencies and marrow failure syndromes such as:

- Hemophagocytic lymphohistiocytosis
- Combined immune deficiencies
- Wiskott-Aldrich syndrome
- Marrow failure syndromes, such as Fanconi anemia or dyskeratosis congenita

Internationally Recognized Leaders

Alexandra (Lisa) H. Filipovich, MD

Dr. Filipovich is the leading expert in the diagnosis and treatment of histiocytic disorders and primary immune deficiencies in the United States. Dr. Filipovich is a past president of the Histiocyte Society and Histiocytosis Association of America. She has published more than 170 scientific articles, and speaks regularly at national and international meetings to raise awareness and teach other physicians about these disorders.

Stella Davies, MBBS, PhD

Dr. Davies, director of the Bone Marrow Transplantation Program, has been active in the field for more than 30 years. She was scientific co-chair of the 2012 American Society of Bone Marrow Transplantation scientific meeting, past chair of the Center for International Bone Marrow Transplantation Research advisory committee and former board member of the National Marrow Donor Program. Dr. Davies has authored more than 190 articles on bone marrow transplantation, bone marrow failure syndromes and other genetic disorders.
Multidisciplinary Clinics and Diagnostic Testing

Dr. Filipovich directs a multidisciplinary clinic for the evaluation and treatment of children with immune deficiencies and histiocytic disorders. She and her team formulate highly specific treatment plans for each child, which can be carried out in Cincinnati or close to the child’s home. Collaboration with the referring physician is always our goal.

The Diagnostic Immunology Laboratory, also led by Dr. Filipovich, offers 45 specialized laboratory tests to assess the function of the immune system, together with genetic testing for diseases leading to malfunction of the immune system. Doctors from around the world submit blood samples for testing. Cincinnati Children’s provides the referring physician with an interpretation of the results and plan of treatment.

The Bone Marrow Failure and Fanconi anemia multidisciplinary clinics, directed by Dr. Davies, offer a combination of specialized genetic testing to diagnose the cause of marrow failure and a unique comprehensive care structure.

Children with marrow failure often need regular review by as many as eight or nine specialists. Clinic coordinators supervise visits, coordinate care among specialists and ensure the treatment plan is complete. When a transplant is needed, the patient can be treated immediately, supported by a team of specialists familiar with the case. Between visits, the doctors and coordinators are available by telephone to assist with any questions or problems that may arise.

The long-term goal of the clinics is to prevent, rather than treat, marrow failure. Dr. Davies and her team work closely with scientists who are studying these diseases. This collaboration has led to novel treatments for the improvement and prevention of marrow failure, currently available through the program.

Integrated Treatment Approach

Our patients benefit from comprehensive, tightly integrated care from specialists and other resources across Cincinnati Children’s, including:

- 14 Marrow transplantation specialists
- 10 Pain management and palliative care specialists
- 6 Specialists in immunodeficiencies
- 38 Pediatric radiologists
- 19 Pediatric surgeons
- 12 Pediatric intensive care specialists

For assistance, physician referrals and patient care follow-up, call The Global Health Center at +001-513-636-3100 or email international@cchmc.org.

www.cincinnatichildrens.org/international