

Course Description

This symposium will provide pediatricians, internists, family practitioners, genetic specialists, hematologists, oncologists, emergency department providers, psychologists, social workers, counselors, nurses and nurse practitioners with the most current information about the identification, etiology and management of hematologic and oncologic problems that may be linked to a genetic predisposition. A potpourri of topics will be presented by renowned specialists from a variety of disciplines. Attendance offers participants an opportunity to update their knowledge regarding predisposition syndromes that result in malignant and non-malignant disorders.

A section focusing on counseling will address specific issues that providers often lack the knowledge to discuss with their patients. In particular, information regarding genetic counseling for families when a child has an unexpected diagnosis will be presented. Additionally, the "when" and "why" of cord-blood banking will be discussed.

Participation in this educational offering will result in improved identification, diagnosis, decision-making, communication, counseling and treatment when patients present with disorders that may have a genetic component. Networking breaks will provide attendees opportunities to interact with faculty and forge collegial relationships to improve their patients' experiences.

Learning Objectives

Upon completion of this program, the participant will be able to:

1. Understand the principles of genetics and predisposition to diseases in certain childhood disorders.
2. Identify childhood disorders that may have a genetic component.
3. Follow screening recommendations and recognize indications for specialty referrals when genetic factors are identified.
4. Become familiar with the unique counseling needs of families of children with inherited hematologic oncologic and other disorders.
5. Understand how cord-blood banking relates to heritable disorders in childhood.

Target Audience

This educational program is designed for healthcare and other professionals involved in management of hematologic and oncologic malignancies in adolescents and young adults, including:

- Pediatricians, physician assistants and pediatric primary care nurse practitioners
- Internists, family physicians and family nurse practitioners
- Psychiatrists and psychologists
- Medical and surgical residents and fellows
- Medical and mental health social workers
- Nurses and nursing assistants
- Patient navigators and educators
- Pediatric specialists
 - Hematologists
 - Oncologists
 - Geneticists
 - Rheumatologists
 - Ophthalmologists
 - Immunologists
 - Surgeons
 - Developmental specialists

CME Accreditation Statement

New York Medical College is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

New York Medical College designates this Live activity for a maximum of *5.5 AMA PRA CATEGORY 1 Credit™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Commercial Support

There is no outside funding for this activity.



Maria Fareri Children's Hospital
Westchester Medical Center Health Network

Westchester Medical Center
100 Woods Road
Valhalla, New York 10595

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Current Topics in Hematology and Oncology Fifth Annual Conference

Genetic Implications in Childhood Disorders

A Guide for Primary Care Providers

Saturday, January 11, 2020

**Conference Room A,
Maria Fareri Children's Hospital,
Westchester Medical Center, Valhalla, NY**

Online Registration available
until January 1, 2020

For information or questions
please contact WMC Conferences at:
Conferences@WMCHealth.org
or 914.493.5756



**Maria Fareri
Children's Hospital**

Westchester Medical Center Health Network

Current Topics in Hematology and Oncology Fifth Annual Conference

Genetic Implications in Childhood Disorders

A Guide for Primary Care Providers

**Saturday, January 11, 2020
7:30 a.m. – 2 p.m.**

Maria Fareri Children's Hospital, Valhalla, NY

Course Director:

Mitchell S. Cairo, MD

Chief, Pediatric Hematology, Oncology and Stem Cell Transplantation
Director, Childhood and Adolescent Cancer and Blood Diseases Center
Medical and Scientific Director, WMC Cellular and Tissue Engineering Laboratory
Medical Director, WMC Hemotherapy Program
Associate Chairman, Department of Pediatrics, Professor of Pediatrics, Medicine, Pathology, Microbiology & Immunology and Cell Biology & Anatomy, Maria Fareri Children's Hospital, Westchester Medical Center, New York Medical College

**Registration, Information:
914.493.5756 / Conferences@WMCHealth.org**



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Genetic Implications in Childhood Disorders
A Guide for Primary Care Providers

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Course Director

Mitchell S. Cairo, MD

Chief, Pediatric Hematology, Oncology and Stem Cell Transplantation
 Director, Childhood and Adolescent Cancer and Blood Diseases Center
 Medical and Scientific Director, WMC Cellular and Tissue Engineering Laboratory
 Medical Director, WMC Hematology Program
 Associate Chairman, Department of Pediatrics
 Professor of Pediatrics, Medicine, Pathology, Microbiology & Immunology and Cell Biology & Anatomy
 Maria Fareri Children's Hospital
 Westchester Medical Center
 New York Medical College

Faculty

Jessica Hochberg, MD

Director, Hematologic Malignancy Program
 Division of Pediatric Hematology, Oncology and Stem Cell Transplantation
 Childhood and Adolescent Cancer and Blood Diseases Center
 Maria Fareri Children's Hospital
 Westchester Medical Center
 Assistant Professor, Pediatrics
 New York Medical College

Christine Hom, MD

Attending Physician, Pediatric Rheumatology
 Maria Fareri Children's Hospital
 Boston Children's Health Physicians
 Clinical Assistant Professor
 New York Medical College

Kelly Hutcheson, MD, MBA

Director, Ophthalmology
 Westchester Medical Center Health Network (WMCHHealth)
 Chair and Professor, Department of Ophthalmology
 New York Medical College

David Kronn, MD

Chief, Medical Genetics
 Maria Fareri Children's Hospital
 Director, Biochemical Genetics Laboratory and Inherited Metabolic Disease Center
 Westchester Medical Center
 Director, Medical Genetics
 Boston Children's Health Physicians
 Associate Professor of Pathology and Pediatrics
 New York Medical College

Connie Leonick, CPNP

Pediatric Nurse Practitioner, Pediatric Hematology, Oncology & Stem Cell Transplantation
 Maria Fareri Children's Hospital

Elizabeth Lim-Melia, MD

Attending Physician, Pediatric Medical Genetics
 Maria Fareri Children's Hospital
 Attending Physician, Medical Genetics, Inherited Metabolic Diseases and Lysosomal Storage Disorders Center
 Boston Children's Health Physicians



Venue Information

Conference Room A
Maria Fareri Children's Hospital
 100 Woods Rd.
 Westchester Medical Center
 Valhalla, NY 10595

Registration Information

The conference's sign-in process will be conducted through eeds.com, an on line continuing-education tracking system. Please create an account in advance of the conference. The sign-in information and course code will be provided at the event.

Online Registration

Please visit WestchesterMedicalCenter.com/cme for registration.

Online Registration available until January 1, 2020. (Walk-in registration will be available day of the conference)

For information or questions please contact WMC Conferences at:
Conferences@WMCHealth.org
 or **914.493.5756**

Mehmet F. Ozkaynak, MD

Director, Solid Tumor Program
 Division of Pediatric Hematology, Oncology, and Stem Cell Transplantation
 Childhood and Adolescent Cancer and Blood Diseases Center
 Maria Fareri Children's Hospital
 Westchester Medical Center
 Professor of Pediatrics
 New York Medical College

Akiko Shimamura, MD, PhD

Professor of Pediatrics, Harvard Medical School
 Samuel E. Lux IV Chair in Hematology/Oncology
 Director, Bone Marrow Failure and Myelodysplastic Syndrome Programs
 Dana-Farber/Boston Children's Cancer and Blood Disorders Center

Subhadra Siegel, MD

Attending Physician, Pediatric Pulmonology, Allergy and Immunology
 Maria Fareri Children's Hospital
 Boston Children's Health Physicians
 Assistant Professor of Pediatrics
 New York Medical College

Planners

Connie Leonick, MS, RN, CPNP

Pediatric Nurse Practitioner
 Division of Pediatric Hematology, Oncology, and Stem Cell Transplantation
 Maria Fareri Children's Hospital
 Westchester Medical Center

Agenda: Saturday, January 11, 2020

7:30 - 8:00 a.m.	Registration and Breakfast
8:00 - 8:10 a.m.	Welcome and Introduction / Mitchell Cairo, MD
Malignant Disorders / Moderator, Connie Leonick, CPNP	
8:10 - 8:20 a.m.	The Importance of Cancer Genetics and Heritable Predisposition: Dr. Alfred Knudson, the Mendel of Cancer Genetics / Connie Leonick, CPNP
8:20 - 8:45 a.m.	Ophthalmic Findings in Retinoblastoma & Neurofibromatosis Kelly Hutcheson, MD, MBA
8:45 - 9:10 a.m.	Down Syndrome and Risks of Hematologic Malignancies Jessica Hochberg, MD
9:10 - 9:35 a.m.	Overgrowth Syndromes (Predisposition to Wilms Tumor and Hepatoblastoma) / Mehmet F. Ozkaynak, MD
9:35 - 9:40 a.m.	Q & A
9:40 - 10 a.m.	Networking and Coffee Break
Keynote Address / Moderator: Mitchell Cairo, MD	
10 - 10:45 a.m.	Bone Marrow Failure Syndromes: What the Primary Care Provider Should Look For / Akiko Shimamura, MD, PhD
10:45 - 10:50 a.m.	Q & A
Non-Malignant Inherited Disorders / Moderator, Mehmet F. Ozkaynak, MD	
10:50 - 11:15 a.m.	Newborn Screening and Inherited Metabolic Disorders David Kronn, MD
11:15 - 11:40 a.m.	Inherited Immune System Disorders in Infants and Children Subhadra Siegel, MD
11:40 - 12:05 p.m.	Genetics and Childhood Rheumatic Disease: A Multifaceted Affair Christine Hom, MD
12:05 - 12:10 p.m.	Q & A
12:10 - 12:30 p.m.	Pick-up Lunch (provided for working lunch session)
Counseling Families / Moderator, Jessica Hochberg, MD	
12:30 - 12:55 p.m.	Genetic Counseling: Unique Issues and Challenges in the Pediatric Population / Elizabeth Lim-Melia, MD
12:55 - 1:20 p.m.	When a Parent-to-Be Asks about Cord-Blood Banking for Future Transplantation: What the Pediatrician Needs to Know Mitchell Cairo, MD
1:20 - 1:45 p.m.	Q & A
1:45 - 2:00 p.m.	Conclusion and Evaluation / Mitchell S. Cairo, MD