Deborah Andersen, RN, BSN, CCTC
Manager, Liver and Intestinal Transplant
Nebraska Medicine
Omaha, Nebraska

Deborah has been the Liver/Intestinal Transplant Manager at Nebraska Medicine since 2003. She was previously a Board Member of the North American Transplant Coordinators Organization.

Intestine Transplantation: An Overview of Current Practice and Outcomes

Lecture Objectives:
1. Generally discuss current medical outcomes following intestine transplantation.
2. List current immunosuppression protocols.
3. Describe the most common complications in the long-term after transplant.

Jacqueline Wessel, MEd, RDN, CL
Neonatal Surgical Nutritionist
Pediatric Surgery
Children’s Hospital Medical Center
Cincinnati, Ohio

Jackie has been a neonatal nutritionist for 34 years at Children’s Hospital Medical Center in Cincinnati, Ohio. She has specialized in nutrition for the surgical neonate and intestinal rehabilitation. Jackie received the Lifetime Achievement Award from Cincinnati Children’s for work in Intestinal Rehabilitation. She has been active over the years in ASPEN and planning the Minnesota Neonatal Nutrition Conference.

Micro and Macro Nutrients: Guidelines for Parenteral Nutrition

Lecture Objectives:
1. Discuss the implications of lipid strategies with the provision of parenteral calories.
2. List two reasons for avoiding commercially made trace mineral preparations.
3. Describe the use of the urine sodium assay in the management of Intestinal Rehabilitation.
Maximizing Outcomes for Children with Congenital Diarrhea Syndromes

**Lecture Objectives:**
1. Understand the diagnosis and classification of congenital diarrhea syndromes.
2. Discuss the role of parenteral and enteral nutrition in the management of the child with a congenital diarrhea syndrome.
3. Identify key aspects of home monitoring and management of the child with a congenital diarrhea syndrome.

The Use of Blenderized Formulas in Pediatric Intestinal Failure and after Intestinal Transplantation

**Lecture Objectives:**
1. Briefly review etiologies of intestinal failure.
2. Discuss commonly used blenderized tube feeding formulas and indications for use.
3. Discuss the results of data gathered by our team for patients receiving blenderized formulas in the setting of post intestinal transplant or intestinal failure.
**Sylvia Wong-Sterling, NP**

Nurse Practitioner  
Group for the Improvement of Intestinal Function and Treatment (GIFT)  
The Hospital for Sick Children  
Toronto, Ontario, Canada

Sylvia is a Pediatric Nurse Practitioner in the Group for the Improvement of Intestinal Function and Treatment. She has worked for The Hospital for Sick Children with 14 years’ experience in a variety of roles, including Home TPN Nurse, NP intern in IBD, NP in liver transplant and most recently as an NP with GIFT.

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**Central Line Locking Solutions: What are the Options?**

**Lecture Objectives:**

1. Understand the implication of CLABSIs.  
2. List the most common challenges in maintaining central venous access.  
3. Describe the most commonly used locking solutions with the benefits and risks of each.

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**Elizabeth Castle, BSN, RN, MS, CPNP-AC**

Boston Children's Hospital  
Center for Advanced Intestinal Rehabilitation  
Boston, MA

Elizabeth was a pediatric surgical bedside nurse for five years. She joined the Center for Advanced Intestinal Rehabilitation Program at Boston Children’s about 4 years ago as a Nurse Practitioner.

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**Pre-Discharge Resource Binder**

**Lecture Objectives:**

1. Identify goals for establishment of pre-discharge resource in the pediatric short bowel population.  
2. Determine measures for success in the discharge process for pediatric short bowel patients and families.  
3. Identify goals for ongoing use and changes to current resources to further improve the discharge process for pediatric short bowel patients and families.
**Christina Belza, PhD(c), MN, BScN**  
Nurse Practitioner  
The Hospital for Sick Children (SickKids)  
Transplant and Regenerative Medicine Centre  
Group for Improvement of Intestinal Function and Treatment (GIFT)  
Toronto, Ontario, Canada

Christina is a nurse practitioner for the past 12 years in the pediatric intestinal failure program at the Hospital for Sick Children and manages inpatient and outpatients on long-term parenteral nutrition and intestinal failure. She is currently pursuing her PhD in clinical epidemiology with a focus on evaluating burden of care for caregivers of children with intestinal failure. Her research interests also focus on evaluating long-term outcomes for children with intestinal failure and implementation of novel therapies to improve long-term morbidity and mortality.

**Setting-up a Patient and Staff Advisory Council for Intestinal Failure**

**Lecture Objectives:**  
1. Explore the existing research related to family involvement in intestinal failure and intestinal/multi-visceral transplant.  
2. Describe the impact of a caregiver and staff advisory committee in an intestinal rehabilitation program.  
3. Discuss the goals of implementing a patient/family advisory council in development and advancement of program objectives.

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**Stephanie So, MSc. PT**  
Physiotherapist  
Department of Rehabilitation Services  
Transplant and Regenerative Medicine Centre  
Group for Improvement of Intestinal Function and Treatment (GIFT)  
The Hospital for Sick Children (SickKids)  
Toronto, Ontario, Canada

Stephanie has been working as a physiotherapist in the Liver/Intestinal Transplant and GIFT program at SickKids for over 15 years. She has a special interest in neurodevelopmental outcomes of children with Intestinal Failure. Additionally, some of her research has explored motor skills, physical activity levels and participation in both children post liver transplant and children with intestinal failure.

**Neurodevelopmental Outcomes in Intestinal Rehabilitation and Transplant**  
**Lecture Objectives:**  
1. Explore the existing research related to neurodevelopmental outcomes in children with intestinal failure and intestinal/multi-visceral transplant.  
2. Describe the impact of specific intestinal failure related co-morbidities on neurodevelopment.  
3. Discuss the role of the multi-disciplinary team in addressing both short- and long-term neurodevelopmental needs in this population.
**Jemma Mears, BcS (Hons), MCSP**  
Principal Physiotherapist for Hepatology and Transplantation  
Birmingham Women’s and Children’s NHS Foundation Trust  
Birmingham, UK  

Jemma Mears is the Principal Physiotherapist at Birmingham Women’s and Children’s Hospital. Her professional interests include liver/small bowel transplantation, respiratory complications associated with transplantation, developmental delay associated with transplantation, and long-term physical outcomes post-transplant.

**Physical Rehabilitation in Intestinal Failure and Transplant**  
**Lecture Objectives:**  
1. Describe current physiotherapy approaches for the management of children with intestinal failure or post-transplant.  
2. Introduce the advances in using technology to encourage physical activity and exercise in these populations.  
3. Discuss outcomes and the impact that pediatric physiotherapy can have in intestinal failure and transplant.

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**Anna Gold, PhD., C. Psych.**  
Psychologist,  
Department of Psychology & Transplant and Regenerative Medicine Centre,  
SickKids Hospital, Toronto.  
Ontario, Canada  

Anna is a licensed Clinical Psychologist with competency in clinical intervention and neuropsychological assessment. She is currently employed at The Hospital for Sick Children in the Transplant and Regenerative Medicine Centre, where she has provided neuropsychological and developmental assessments of patients (0-18 years of age) within the heart, lung, liver, kidney and small bowel/intestinal programs since 2007. She is currently a Project Investigator at the SickKids Research Institute and is actively involved in research across all the organ groups, with a particular focus on neurodevelopmental and neuropsychological outcomes following multi-organ transplant and intestinal regeneration. She is an active member of the International Pediatric Transplant Association (IPTA) and is currently co-chair of the Allied Health and Nursing Professional Committee and is part of the Editorial Board of the Journal of Pediatric Transplantation.

**Psychosocial Functioning in Pediatric Intestinal Failure: Optimizing Outcomes**  
**Lecture Objectives:**  
1. Provide an overview of psychosocial functioning in the context of pediatric intestinal failure.  
2. Describe factors that may influence both child and caregiver adaptation.  
3. Discuss clinical interventions that aim to improve psychosocial outcomes.
Beverly Kosmach-Park, DNP, RN, FAAN
Clinical Nurse Specialist
Department of Transplant Surgery
Children’s Hospital of Pittsburgh
Pittsburgh, PA
Beverly is the Clinical Nurse Specialist for the Abdominal Transplant Department at Children’s Hospital of Pittsburgh. She works with patients and families throughout the transplant process from evaluation to transition to adult care. Beverly has authored several articles, book chapters, and nursing and patient educational materials and has spoken internationally on transplant-related topics and transition of care. She has served on the Executive Committee for the Pediatric Community of Practice of AST and within that group, chaired a task force that designed a transition toolkit template for transplant centers. Beverly was on the Board of Directors of the International Transplant Nurses Society (ITNS) for 9 years, serving as President and Education Director. She was inducted as a Fellow in the American Academy of Nursing (FAAN) in 2013.

Brooke Chapman, APD, PhD (c)
Senior Clinician, Nutrition & Dietetics
Liver & Intestinal Transplant Unit
Austin Health
Victoria, Australia
Brooke is a senior clinical dietitian from Melbourne, Australia, and has worked in the Liver and Intestinal Transplant Unit at Austin Health for 15 years. She is experienced in the nutritional management of all aspects of liver disease, intestinal failure, and transplant. Brooke is active in clinical research to enhance outcomes for these patients with complex nutritional needs and is currently undertaking a PhD in this area.

From Here to There: Transitioning Intestinal Transplant Patients to Adult Care
Lecture Objectives:
1. List the essential components of a transition program as defined by Got Transition®.
2. Generally discuss the current state of transition programs for the transplant population.
3. Discuss how these outcomes can guide programs for teen and young adult intestinal transplant recipients.

Intestinal Failure: Parenteral Nutrition Dependence to Enteral Autonomy
Lecture Objectives:
1. To describe the process of intestinal adaptation.
2. To understand the mechanism of action of growth factors used in SBS-IF and how they enhance enteral absorption.
3. To learn current treatment outcomes for achieving enteral autonomy in pediatric and adult IF.