

THE **FUTURE IS NOW**
FIRST WORLD CONGRESS
ON SPINA BIFIDA
RESEARCH AND CARE
MARCH 15-18, 2009



Urology Breakout Sessions

Monday, March 16, 2009
1:30 – 6:05 pm

1:30 – 1:35 pm

Tumor

*Bladder Augmentation Present in Only a Minority of Adults with Spina Bifida
Bladder Cancer (J. Christopher Austin, MD)*

1:36 – 1:41 pm

Nerve Regeneration

*One Year Clinical Outcomes with Lumbar to Sacral Nerve Rerouting in
Spina Bifida (Kenneth Peters, MD)*

1:42 – 2:25 pm

General

1:42 – 1:47 pm

Urologic Management of Neonatal Spina Bifida (David Joseph, MD)

1:48 – 1:53 pm

Comprehensive Urological Discharge Program (Susan Krinsky, RN, CRRN)

1:54 – 1:57 pm

*Body Mass Index as a Predictive Value for Complications Associated with
Reconstructive Surgery in the Myelodysplasia Patient (Dominic Frimberger, MD)*

1:58 – 2:01 pm

*Risk Evaluation of Renal Function Impairment in a Retrospective Study on
502 Spinal Dysraphisms (Michele Torre, MD)*

2:02 – 2:05 pm

*Utilization of Bladder Augmentation in Patients with Spina Bifida in the
United States (John Wiener, MD, FAAP, FACS)*

2:06 – 2:09 pm

*Augmentation Cystoplasty and Bowel Function: Symbiotic Surgery
(Alun Williams, FRCS)*

2:10 – 2:25 pm

Discussion

2:26 – 2:49 pm

Lecture – *Implications and Surveillance for the Augmentation Cystoplasty
(Rick Rink, MD, FAAP)*

2:46 – 2:49 pm

Discussion

2:50 – 3:07 pm

Basic Science

2:50 – 2:55 pm

*Bladder Regeneration in a Canine Model Using Hyaluronic Acid/Poly
(Lactic-Co-Glycolic) Acid Nanoparticle-Treated Porcine Small Intestinal
Submucosa (Dominic Frimberger, MD)*

2:56 – 3:01 pm

*Expression of Uroplakin and Zona Occludens-1 in Regenerated Rat Urothelium
(Dominic Frimberger, MD)*

3:02 – 3:07 pm

*Variations in Leukocytic Immune Response between Distal and Proximal
Small Intestine Submucosa (SIS) Rat Bladder Augmentation Models
(Dominic Frimberger, MD)*

3:08 – 3:19 pm Incontinence Procedure

3:08 – 3:11 pm *The Bone Anchored Perineal Sling in the Treatment of Neurogenic Incontinence in Pre-Pubertal and Adolescent Boys* (Gregory Dean, MD)

3:12 – 3:15 pm *Endoscopic Treatment of Catheterizable Stomal Incontinence with Injection of Bulking Agent* (Dominic Frimberger, MD)

3:16 – 3:19 pm *Urethral Lengthening: Long-Term Durability of Continence and Ease of Catheterization* (Dino Santacroce, MD)

3:20 – 3:29 pm Discussion

3:30 – 3:50 pm Coffee Break

3:50 – 4:01 pm Quality of Life

3:50 – 3:55 pm *Urologic Outcomes and Quality of Life in Children and Adolescents with Neurogenic Bladder: A Pilot Study* (Jennifer Brand, MSN, RN, CPNP)

3:56 – 4:01 pm *A Qualitative Study of Practitioner, Caregiver, and Child Perceptions of Incontinence* (Ann Neville-Jan, PhD, OTR/L)

4:02 – 4:25 pm Urodynamics

4:02 – 4:07 pm *Assessment of Detrusor Leak Point Press in Patients with Spina Bifida Using the Reinsertion Modification: A Technique Worthy of Inclusion in Standard Urodynamic Evaluations* (Andrew Combs, RPA-C)

4:08 – 4:13 pm *Regarding the Goal of Early Urodynamic Evaluation of Children with Spina Bifida: Have Referral Patterns Changed over the Past 15 Years?* (Andrew Combs, RPA-C)

4:14 – 4:17 pm *Continence in Patients Undergoing Fetal Repair of Their Myelomeningocele* (Michael Carr, MD, PhD)

4:18 – 4:21 pm *Initial Trial of Alfuzosin to Treat Neurogenic Bladder Dysfunction* (Israel Franco, MD)

4:22 – 4:25 pm *Compliance Changes after Bladder Neck Sling without Augmentations in Children with Neurogenic Incontinence* (Warren Snodgrass, MD)

4:26 – 4:39 pm Discussion

4:40 – 5:00 pm Lecture

Drug Therapy Modulation for Lower Urinary Tract Function (Paul Austin, MD)

5:01 – 5:04 pm Discussion

5:05 – 5:22 pm Basic Science

5:05 – 5:10 pm *The Histopathologic, Pharmacologic and Urodynamic Results of Mesenchymal Stem Cell Injection to the Decompensated Rabbit Bladder* (Yusuf Kibar, MD)

5:11 – 5:16 pm *Bone Marrow Derived Stem and Progenitor Cells for Bladder Tissue Engineering* (Earl Cheng, MD, FAAP)

5:17 – 5:22 pm *Long-Term Durability, Regeneration and Neo-Organ Growth during Skeletal Maturation with an Autologous Neo-Bladder Augmentation Construct* (Timothy Bertram, PhD)

5:23 – 5:48 pm	MACE
5:23 – 5:28 pm	<i>Various Antegrade Continent Enema Solutions Diminish Toilet Time</i> (Anthony Balcom, MD)
5:29 – 5:34 pm	<i>Comparison of Left- and Right-Sided Antegrade Continence Enema (ACE) for the Management of Severe Constipation in the Pediatric Neurogenic Bowel Population</i> (Jonathan Kaye, MD)
5:35 – 5:40 pm	<i>Cecal and Sigmoid MACE: Which Is Better?</i> (John Park, MD)
5:41 – 5:44 pm	<i>Use of the "L-Stent" for the Management of Stomal Stenosis in Catheterizable Channels</i> (Earl Cheng, MD, FAACP)
5:45 – 5:48 pm	<i>Evaluation of Bowel and Bladder Programs and Continence Outcomes</i> (Tera Bartelt, BSN)
5:49 – 6:04 pm	Discussion

Posters

General

- *Abnormalities of the Upper Urinary Tract in a Myelodysplastic Population* (Rosalia Misseri, MD)
- *Cryptorchidism in Spina Bifida: Supporting the Role of the Genitofemoral Nerve* (Rosalia Misseri, MD)
- *Current Management of Children with Myelomeningocele* (Robin Bowman, MD)

Basic Science

- *Tissue Engineering Techniques for Bladder Regeneration* (Dominic Frimberger, MD)
- *Novel Murine Model for Ileocystoplasty: H&E and KI-67 Staining Do Not Demonstrate Carcinogenic Changes* (J. Christopher Austin, MD)
- *Cystatin C: A Potentially Useful Serum Maker for Monitoring Renal Function in Individuals with Spina Bifida* (Eric Levey, MD)

Incontinence Procedure

- *Use of Rectus Muscle Flap during Bladder Neck Closure* (Edwin Smith, MD)

Quality of Life

- *Long Term Outcomes of Neuropathis Bladder: Perspectives from a New Clinic* (Alun Williams, FRCS)

MACE

- *Age at the Time of Antegrade Continent Enema Procedure; Is It a Predictor of Success?* (Anthony Balcom, MD)
- *Tap Water Irrigation and the Use of Additives to Optimize Success with the Malone Antegrade Enema (MACE)-The Indiana University Experience* (Shelly King, MSN, CPNP)

Laparoscopy

- *Robotic Assisted Laparoscopy Augmentation Enterocystoplasty* (Stuart Bauer, MD)
- *Laparoscopic and Minimally Invasive Approaches to the MACE Procedure* (Dominic Frimberger, MD)

UTI

- *Recalcitrant Urinary Tract Infections in Augmented Bladders* (Shelly King, MSN, CPNP)

Stones

- *Percutaneous Nephrolithotomy in the Pediatric Population with Spinal Cord Lesions* (Bishoy Gayed, MD)
- *Percutaneous Nephrolithotomy for Renal Calculus Disease in Patients with Spina Bifida* (John Brock, III, MD)