Collaborative Approach to Patients with Complex Colorectal Diagnoses

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Disclosure Information

We have no relevant financial relationships with any commercial interest related to the content of this presentation.

Objectives

- Discuss associated anomalies seen in patients with anorectal malformations (ARM)
- Describe our center and the team approach taken in caring for patients with complex colorectal conditions
- Identify patients who could benefit from a multidisciplinary approach
Anorectal Malformations

ARM
- Incidence in USA
  - 1:4,000 live births (1,000 new ARMs per year)
  - Cloaca: 1:20,000 live births (200 new cloacas per year)
- VACTERL association

Urological Anomalies

ARM patients with urological anomalies:
All ARMs- 50%
- Cloaca- 90%
- Bladder neck fistula- 90%
- Bulbar fistula- 30%
- Perineal fistula- 15%

Urological Anomalies

- Kidney abnormalities
- Hydronephrosis
- Vesicoureteral reflux
- Bladder dysfunction
- Neurogenic bladder
- Undescended testicles
- Hypospadias
Gynecological Anomalies

ARM patients with gynecological anomalies:
- Rectovestibular- 17%
- Cloaca- 53-67%
  - Hydrocolpos
  - Uterine anomalies
  - Vaginal septum
  - Absent vagina
  - Adnexal cyst

CCPR

Center for Colorectal and Pelvic Reconstruction

Benefits of a Multidisciplinary approach:
- Enhanced quality and implementation of treatment plans
- Improved communication among different teams
- Decreased morbidity
- Improved patient outcomes

New Patient Process

I. New intake
II. Collaborative meeting
III. Multidisciplinary clinic
IV. Operative room evaluations
V. Continuation of care
Outcomes

Since the start of our center:

- 430 patients with ARM
- 112 cloaca malformations
- 11 cloacal extrophy
- 2,857 referrals
- 50 states
- 69 countries
- 222 multidisciplinary meetings
- 220 multidisciplinary clinics
- 97 nurse practitioner clinics
- 2,857 referrals
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- 220 multidisciplinary clinics
- 97 nurse practitioner clinics

Implications for Practice

Facilities with a dedicated colorectal center:

- Collaborate with other multidisciplinary teams to improve patient outcomes

Facilities that do not have a dedicated colorectal center:

- Identify patients that could benefit from other specialties
- Identify key partners

“The CCPR team is like taking all of the pieces in the puzzle and putting them together.”
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