

*Tuesday, February 12, 8:00AM-9:50M
Plenary Session*

Defects of the Ventral Wall and Related Complexes

Moderator: Angela Lin, Massachusetts General Hospital, Boston, MA

Complex Patterns of Ventral Body Wall Defects: Cloacal Exstrophy /OEIS complex, Bladder Exstrophy & Related Malformations

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Cloacal exstrophy and bladder exstrophy are complex patterns of malformations of the ventral body wall. Cloacal exstrophy also referred to as OEIS complex was described by Carey et al. [1978] as a combination of defects consisting of omphalocele, exstrophy, imperforate anus, and spinal defects. The OEIS complex may represent the most severe end of a spectrum of birth defects, which in order of severity, includes phallic separation with epispadias, pubic diastasis, exstrophy of the bladder, cloacal exstrophy and OEIS complex [Smith et al., 1992]. In addition, there appears to be overlapping findings with other previously described conditions, including Limb-Body Wall Complex, and Urorectal Septum Malformation Sequence (persistent cloaca).

The purposes of this talk will be: 1) to describe the major findings associated with exstrophy of the bladder and cloaca, and review the overlap with other related complex patterns of malformations, 2) to review the epidemiological and clinical aspects of these conditions; 3) to discuss the possible etiologies and mechanisms of embryologic pathogenesis, and 4) to provide guidelines for abstraction and coding.