

CHAPTER 35: SYNDROMES

This is a rapid review of syndromes that impact the genitourinary system. See respective chapters for further details on selected syndromes. Many of these syndromes may appear as “distractor” answer choices.

PRUNE BELLY SYNDROME (EAGLE-BARRETT OR TRIAD SYNDROME)

- Cryptorchidism
- Abdominal wall musculature defect
- Urinary tract anomalies (e.g. renal dysplasia, hydroureter, dilated prostatic urethra)

WAGR SYNDROME

- Defect on WT1 gene (11p13)
- Wilms' tumor
- Aniridia
- Genitourinary abnormalities (hypospadias/UDT)
- Retardation (mental)

BECKWITH-WIEDEMANN SYNDROME

- Congenital defect on WT2 gene (11p15) resulting in overgrowth disorder
 - Macrosomia, macroglossia, hemihyperplasia, omphalocele, visceromegaly, hypoglycemia
 - Increased risk of Wilms tumor, rhabdomyosarcoma, hepatoblastoma
 - Approximately 10-15% have medullary sponge kidney
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