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Correction of Penile Curvature

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Etiology of Penile Curvature

Skin
Dartos Fascia
Corporeal Disproportion
Short Urethral

Prevalence of Curvature

With Hypospadias
More prevalent with severe cases
Estimate 15 – 20% require procedures other than skin/dartos takedown
Without Hypospadias

Concepts of the Urethral Plate

Preservation When Possible
Allows onlay flap reduces stenosis
Incision and tubularization possible
Rarely causes curvature resection requires tube versus 2 stage

Techniques for Repair

Concepts
Preserve Nerves
Anatomically based
Simple
Durability
Extensive skin and dartos dissection
Tunica Albuginea Plication (TAP)

Midline Dorsal Plication

Preferred technique

Dermal Grafts

Severe curvature
Resection of the urethral plate
Two stage repair