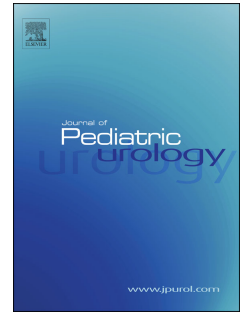


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Testicular adrenal rest tumor screening and fertility counseling among males with congenital adrenal hyperplasia

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Summary Background: Reduced fertility is a common potential problem among males with congenital adrenal hyperplasia (CAH), with nearly half experiencing impaired sperm production. The major cause of oligo/azoospermia in CAH is testicular adrenal rest tumors (TARTs). Studies indicate that ultrasound screening for TARTs should begin during childhood, yet it remains unclear whether boys with CAH are routinely screened for TARTs and/or counseled about infertility risk and potential interventions such as fertility testing and/or preservation.

Objective: The purpose of this study was to examine TART screening and fertility counseling practices among boys with CAH.

Study design: An IRB-approved retrospective chart review was conducted of all males with ICD-9/10 codes for CAH (2007-2016) at a large pediatric academic center to examine: age and indication for diagnosis; age at first and last documented pediatric endocrinology and urology visit; history of ultrasound examinations; and documentation of fertility counseling.

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