Testicular Adrenal Rests
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History
Teenager with congenital adrenal hyperplasia.

Diagnosis
Testicular Adrenal Rests.

Discussion
Testicular adrenal rests are present in a large percentage of normal males secondary to the common embryological development. Testicular adrenal rests hypertrophy and become manifest under the influence of adrenocorticotropic hormones. Testicular adrenal rests can be nodular or infiltrative, unilateral or bilateral, hypervascular or hypovascular, and are often near the mediastinum. Testicular adrenal rests can be seen in patients with congenital adrenal hyperplasia, Cushing syndrome and Addison disease.

Findings
Nodular infiltration of the right and left testicles; nodules are hypoechoic relative to the normal testicular echogenicity, adjacent to the mediastinum and hypervascular on color Doppler.

Reference
Avila NA, et al. Testicular adrenal rest tissue in congenital adrenal hyperplasia: findings at gray-scale and color Doppler US. Radiology 1996; 198:99-104
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