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Diagnostic dilemmas in testicular tumors

Priti Joshi

Cleveland Clinic Abu Dhabi, UAE

Testicular tumors are diverse and diagnostically challenging and yet a very unique and fascinating group of tumors. Accurate diagnosis has major therapeutic and prognostic implications, emphasizing the need for correct recognition of morphological patterns which guide the use of appropriate immunohistochemical antibodies. They are also of great interest to researchers and oncologists for their biologic diversity with scope for full cure following appropriate treatment.

More than 95% of testicular tumours arise from the germ cells and are broadly subdivided into seminomatous and nonseminomatous germ cell tumours. Although the common testicular tumours are easy to recognize histologically, diagnostic challenges are frequently encountered. The purpose of this presentation is to increase awareness of this and enable a conscientious pathologist to look out for and consider such diagnostic challenges in seemingly straightforward cases. Special consideration must also be given to tumours arising in dysgenetic gonads.

Biography

Priti Joshi MBBS, MD, FRCPath is a Consultant Anatomic Pathologist and Cytopathologist at Cleveland Clinic in Abu Dhabi. She is Clinical Associate Professor of Pathology at Cleveland Clinic Lerner College of Medicine and a Fellow of The Royal College of Pathologists, UK. Her areas of interest are Gynaecological, Urological and Gastrointestinal Pathology and has over 17 years' experience in the field.

drpriti.joshi@gmail.com

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