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Differential Diagnosis Plays A Major Role

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Gastrointestinal mesenchymal tumors comprise of gastrointestinal stromal tumors (GIST), leiomyomas, leiomyosarcomas and schwannomas, histologically all appear as spindle cells. Of these, GIST is the commonest occurring and about 60 to 70% are seen in the stomach. On the other hand, schwannomas occur frequently in the head and neck region, about 0.2%, of which 4% are seen in the stomach. Both gastric schwannomas and GISTs grossly appear similar and are spindle shaped cells in microscopic examination. Hence the aid of immune histo chemistry is required to differentiate the two. Both are frequently encountered among middle aged people, with no distinct clinical features. Difference between the two is their prognosis, excellent prognosis is seen in gastric schwannomas as they are mostly benign and GISTs have a 10 to 30% malignant potential. Here we present a 25 year old married, nulliparous female from west Bengal on fertility treatment diagnosed as GIST based upon her UGI scopy and CECT abdomen reports. She was taken up for gastrectomy D2 resection followed by gastrojejunostomy, jejunojejunostomy and a feeding jejunostomy. HPE reports revealed the tumor to be a gastric schwannoma.

Biography

Anjana Vasudevan has completed her MBBS at Chettinad University in the year 2014. She worked at Apollo Speciality Hospital, Perungudi, Chennai, India for almost a year and currently pursuing her Post-graduation at Sri Ramachandra University in the Department of General Surgery. She was accepted by the ICMR to do MS, PhD integrated course. She has published one article, participated and presented in several national and international conferences.

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