

Incidental ganglioneuromas: A 14 surgical cases presentation and literature review

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Ganglioneuromas are benign tumor which origin from the neural crest. This tumor affect mainly young patients than adult ones, and its most frequent localizations are mediastinum, retroperitoneum, adrenal glands and cervical region. Usually, GNs are discovered as incidentalomas since they are often asymptomatic, even if they could present sympathetic or mass-related symptoms. To obtain a definitive diagnosis, histological exam is necessary. The surgical removal is the treatment of choice and it offers an excellent prognosis.

We conducted a retrospective analysis of 14 patient affected by ganglioneuroma from 2004 to 2014; this study purposes of compare our experience's data with literature review (2000-2014). Data about patient's features, tumor's localization, symptoms, treatment and follow-up were analyzed and reported in three detailed table. Between 2004-2014 we diagnosed 14 cases of ganglioneuromas. For all of them the diagnosis was incidental; 9 out of 14 patients presented adrenal mass (64.3%). All our patients underwent surgical removal and none of them present surgery-related complications or recurrence to date. Our data strengthen the knowledge about ganglioneuroma and confirm that the surgical approach has an excellent prognosis with very low incidence of surgery-related complications and recurrences, if well conducted.

Biography

Claudio Spinelli graduated in 1979 cum laude, at the age of 26 years, from University of Pisa. He completed specializations in General Surgery in 1984, in Pediatric Surgery in 1989 and in Urology in 1994. From 2002 he is Professor in Pediatric Surgery at University of Pisa. He has published more than 500 papers in reputed journals, 6 of which are monograph.

Leonardo Rossi graduated in 2014 cum laude, at the age of 25 years, from University of Pisa. He is attending the department of General Surgery of University Hospital of Pisa. He has already published 2 papers and he is working to other topic regarding general surgery.

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