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Multiple endocrine neoplasia 2B: Differential increase in enteric nerve subgroups in muscle and mucosa

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Abstract

Multiple endocrine neoplasia 2B (MEN2B) is a rare syndrome caused by an activating mutation of the RET gene, leading to enteric gangliomatosis. This child presented with constipation at 1-mo old, was diagnosed with MEN2B by rectal biopsy at 4 mo, had thyroidectomy at 9 mo and a colectomy at 4 years. We studied the extent of neuronal and nerve fibre proliferation and which classes of enteric nerves are affected by examining the colon with multiple

Match Overview

1 **Crossref** 44 words
b. r. southwell. "Decrease in nerve fibre density in human ...
igmoid colon circular muscle occurs with growth but not ag

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2 **Internet** 13 words
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Multiple endocrine neoplasia 2B: Differential increase in enteric nerve subgroups

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5 Nov 2010 ... Histologic findings of his lips and tongue showed well-defined **nerve** bundles ... Multiple endocrine neoplasia type 2 (MEN 2) is a rare hereditary disease ... As time goes by, mucosal neuromas can **increase** in size and number ...

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Such hNS have been shown to contain **enteric neural** stem cells capable of ... to motility e.g. the interstitial cells of Cajal (ICC), smooth **muscle** or glia (Bassotti et al., 2006; ... Multiple endocrine neoplasia type 2 (MEN 2): is an autosomal dominant ... Changes of the ENS characterized by **increased** number of neurons with ...

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