

Eagle's syndrome: a pain in the neck

Síndrome de Eagle: um diagnóstico difícil

Leonardo Cordenonzi Pedroso de Albuquerque¹, Juliana Ávila Duarte², Amalia Izaura Nair Medeiros Klaes², Suelen Mandelli Mota¹, Bárbara Reis Krammer¹, Larissa Bianchini¹, Marino Muxfeldt Bianchin¹

A 60-year-old male patient was evaluated for cervical pain, hiccups, dysphonia and dysphagia for five months. Physical examination showed left IX and X cranial nerve palsy. Brain MRI was normal. A cervical CT scan showed an elongated styloid process and stylohyoid ligament pseudoarthrosis (Figure). Eagle's syndrome is a rare entity caused by

abnormal enlargement and ossification of the styloid process, the attached stylohyoid ligament and the lesser cornu of the hyoid bone^{1,2,3,4}. The condition causes variable degrees of compression of V, VII, IX, X and XII cranial nerves, and the jugular or carotid, leading to diverse symptoms^{1,2,3,4}. Eagle's syndrome pathogenesis remains unclear^{1,2,3,4}.

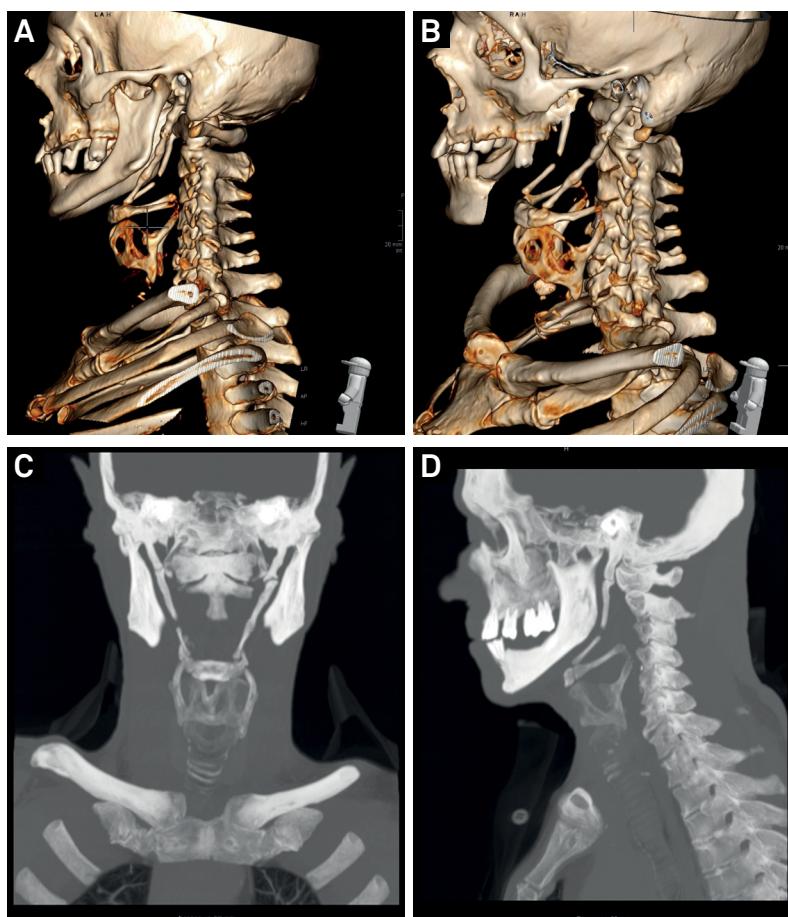


Figure. Maximum intensity projection and 3D CT-scan volume rendering of the patient's cervical region. Note bilateral calcification of the stylohyoid ligament.

¹Universidade Federal do Rio Grande do Sul, Hospital de Clínicas de Porto Alegre, Divisão de Neurologia, B.R.A.I.N. (Basic Research and Advanced Investigations in Neurology), Porto Alegre RS, Brasil;

²Hospital de Clínicas de Porto Alegre, Serviço de Radiologia e Diagnóstico por Imagem, Porto Alegre RS, Brasil.

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Correspondence: Marino M. Bianchin; B.R.A.I.N. Experimental Research Centre, Hospital de Clínicas de Porto Alegre; Rua Ramiro Barcelos, 2350; 90035-903 Porto Alegre RS, Brasil; E-mail: mbianchin@hcpa.edu.br

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