

Um Caso Raro de Ventriculite com Ventriculomegalia *A Rare Case of Ventriculitis with Ventriculomegaly*

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Palavras-chave: Hidrocefalia; Infecções do Sistema Nervoso Central; Ventriculite.

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Ventriculitis is the main complication of central nervous system (CNS) infection and is associated with high morbidity and mortality.¹ This may be due to a brain abscess, primary bacterial meningitis, catheter-associated ventricular infection, neurosurgical site infection or bacteremia.² However, ventriculitis without concurrent CNS infection is rare.^{1,2}

The authors present a case of a 55-year-old woman admitted to the emergency department for acute altered mental

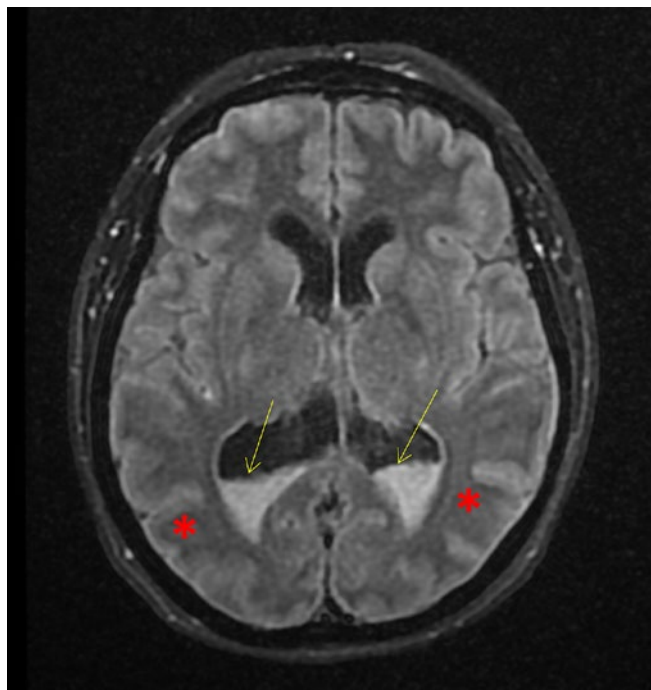


Figure 1: Brain MRI: massive intraventricular purulent collection deposited in the dependent parts of the lateral ventricles (yellow arrow), and oedema (*).

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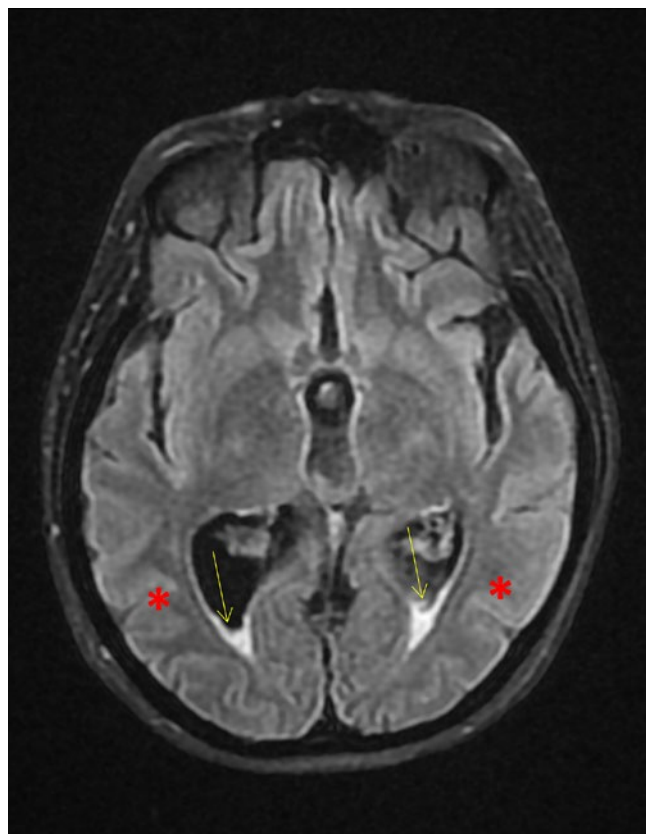


Figure 2: Brain MRI three weeks later: a progressive reabsorption of intraventricular purulent fluid settled in the occipital horns (yellow arrow). There is also a reduction in the left anterior frontal subarachnoid purulent content and oedema (*).

status, Glasgow coma scale 9. At admission she had high fever (40.1°C), confusion and altered mental status, without any neck stiffness nor other symptom of meningitis.

A computed tomography (CT) scan showed periventricular vasogenic edema but no lesion or another abnormality. Brain magnetic resonance imaging (MRI) showed massive intraventricular purulent collection deposited in the dependent parts of the lateral ventricles, third ventricle and IV ventricle as well as in cisterna magna, interpeduncular cistern, and in the lateral sulcus. Spinal tap revealed cloudy cerebrospinal fluid (CSF) with 7200/mm³ leukocytes, 95% polymorphonuclear, 5% mononuclear, glucose 1 mg/dL and total proteins 8528 mg/dL. *Streptococcus pneumoniae* was identified in CSF, and prompt antibiotic therapy with ceftriaxone was initiated, with improvement. ■

Declaração de Contribuição

MJP, CF, ARR – Diagnóstico, redação do artigo e aprovação final.
Todos os autores aprovaram a versão.

Contributorship Statement

MJP, CF, ARR – Diagnosis, article writing and final approval.
All authors approved the final draft.

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