

To report a case of inferior petrosal sinus(IPS) thrombosis associated with malposition of central venous catheterization (CVC)” Akıncı et al (2017).

Abstract:

OBJECTIVE: To report a case of inferior petrosal sinus(IPS) thrombosis associated with malposition of central venous catheterization(CVC).

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CLINICAL PRESENTATION AND INTERVENTION: A 5-month-old boy was admitted to Şifa University Hospital because of pneumonia. When exophthalmus occurred in the right eye, he was referred to Ege University Hospital. Cranial Magnetic Resonance Imaging (MRI) and Magnetic Resonance (MR) venography confirmed that the catheter in right IPS caused the thrombosis. The catheter was extracted and anticoagulant treatment was started.

CONCLUSION: In this case report, malpositioning of the CVC was the cause of the thrombosis. To minimize such complications, catheterization should be done with the supervision of an expert and post-procedure radiography should also be performed.

Full Text

Reference:

Akıncı, B., Duyu, M., Alkılıç, L., Karapınar, D.Y. and Karapınar, B. (2017) Inferior Petrosal Sinus Thrombosis in a Child due to Malposition of Central Venous Catheter: A Case Report. Medical Principles and Practice.

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