Special Issue: Cavernous Sinus and Parasellar Lesions

Introduction

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The parasellar area contains several important structures including the carotid arteries and their branches, the cavernous sinus (CS) and its tributaries, cranial nerves, and the pituitary gland. Various diseases may develop in this area, most of which are targets for neuroendovascular therapy, e.g., arteriovenous fistulas, brain tumors, aneurysms, and atherosclerotic stenosis. Therefore, physicians need to be familiar with the angiographic anatomy of these vessels and their relationships with the relevant structures. In this special issue, topics related to the anatomy of the CS and relevant vein and parasellar arteries are described by distinguished authors. A review of the embryological development of the CS may facilitate our understanding of variations in the CS and relevant veins. Reviews of endovascular treatments for three common diseases, namely, dural arteriovenous diseases, direct carotid cavernous fistulas, and hypervascular tumors, have also been discussed. This special issue will be helpful for *JNET* readers and contribute to clinical practice in this area.

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