Imaging of the Congenital Anomalies of the Branchial Apparatus

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Defects of branchial apparatus can result in cysts, fistulas, sinuses, craniofacial disorders, temporal bone anomalies and systemic disorder. It is one of the most challenging topics for the radiologist. An understanding of their embryonic origins can lead to better appreciation of the radiologic abnormalities of branchial apparatus anomalies. Evaluation with CT and MR imaging of the whole gamut of congenital anomalies of branchial apparatus is carried out. The learning objective of this poster is to gain knowledge of the radiologic findings in the whole spectrum of branchial apparatus anomalies along with an understanding of their potential cause of embryogenesis.