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Co-occurrence of internal carotid artery agenesiswith multicystic dysplastic kidney

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Abstract: Congenital absence of Internal Carotid Artery (ICA) is a rare disorder. This anomaly may be an isolated entity or may be associated with other organ, or system anomalies (1). Multicystic Dysplastic Kidney (MCDK) is a congenital mal-development in which the renal cortex is replaced by numerous cysts of multiple sizes. Urologic and non-urologic anomalies may accompany MCDK (2). In this paper, we detail a case of congenital agenesis of ICA and the existence of MCDK. To our knowledge, this is the first of such a case to be reported regarding the co-occurrence of ICA agenesis and MCDK.

Key words: Internal carotid artery, agenesis, carotid canal

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