

Case Series of Cardiac Metastasis in 3 Cases – An Autopsy Experience, Tertiary Care Centre

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Abstract

The incidence of secondary cardiac tumours is 2.3% in previous autopsy studies. Common metastasizing tumours to the heart are lung, esophagus, breast, stomach, pancreas, melanoma, and colon. The oral squamous cell carcinoma metastasizing to the heart are reported in few cases. We are presenting three cases, out of which two cases of a 51-year-old and 59-year-old deceased male previously diagnosed with upper esophagus and larynx squamous cell carcinoma, found having multiple metastatic lesions of lung, liver as well as metastatic foci to the heart in histopathological examination of tissues received after conducting autopsy. Another single case of 28-year-old female of adenocarcinoma of unknown origin, possibility of ovarian origin, which shows metastasis to all major organs including heart. The involvement was limited to the myocardium with a normal pericardium and endocardium, which is not common. The case details and relevant clinical discussion of all three cases are described to highlight asymptomatic, metastatic foci of oral as well as laryngeal squamous cell carcinoma to myocardium and one case of adenocarcinoma of unknown origin.

Keywords: Cardiac metastasis, secondary cardiac tumors