

Iatrogenic superior vena cava pericardial fistula caused by central venous catheterization is rare but can lead to life-threatening condition” Bosemani and Sakthivel (2019).

Abstract:

Iatrogenic superior vena cava pericardial fistula caused by central venous catheterization is rare but can lead to life-threatening condition. Despite the potential risk of pericardial effusion causing pericardial tamponade, a conservative watch and wait management strategy can be safely adopted if such procedural complication is encountered. Herein, we present a case of an incidental finding of a central venous catheter perforating the wall of the superior vena cava into the pericardium, which probably occurred during injection of intravenous contrast agent on computed tomography pulmonary angiogram study.

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Reference:

Bosemani, T. and Sakthivel, M. (2019) Unusual intravascular complication of right internal jugular vein catheter piercing the SVC into the pericardium: Case report. *Radiology Case Reports*. 14(12), p.1550-1553. doi: 10.1016/j.radcr.2019.09.034.