

A 50-year-old woman indentified with a spontaneous fracture and migration of catheter of a TIVAP via right internal jugular vein after adjuvant chemotherapy for ovary cancer” Ko et al (2016).

Abstract:

BACKGROUND: The totally implantable venous access ports (TIVAPs) are indicated for patients undergoing chemotherapy, total parenteral nutrition and long-term antibiotic treatment. But, among their complications, the fracture and migration of the catheter of a TIVAP via internal jugular vein represents a very rare but potentially severe condition.

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CASE PRESENTATION: A 50-year-old woman indentified with a spontaneous fracture and migration of catheter of a TIVAP via right internal jugular vein after adjuvant chemotherapy for ovary cancer. She had been not evaluated and not managed with the heparin lock flush solution during three months after adjuvant chemotherapy. And then, she complained right neck bulging during saline infusion via a TIVAP and a chest radiography showed the fractured and migrated catheter of a TIVAP in right atrium. So, we emergently removed the catheter fragment by a goose neck snare via right femoral vein. After then, there was no problem.

CONCLUSIONS: If the fractured catheter of a TIVAP is detected, it is desirable to remove a fragment by an endovascular approach if it is possible.

Full Text

Reference:

Ko, S.Y., Park, S.C., Hwang, J.K. and Kim, S.D. (2016) Spontaneous fracture and migration of catheter of a totally implantable venous access port via internal jugular vein—a case report. *Journal of Cardiothoracic Surgery*. April 11th. 11:50.

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