Nevertheless, ultrasonographic findings did not reveal the reason for the malfunction. We found kinking in the distal part of the catheter after removing it” Cho et al (2018).

Abstract:

RATIONALE: A multilumen access catheter (MAC) is a large-bore catheter that prevents kinking or collapsing. Misplacement is a frequently reported complication.

PATIENT CONCERNS: A 59-year-old man who was diagnosed with a hemoperitoneum due to a liver laceration after a fall.

DIAGNOSIS: After catheterization, we were able to aspirate blood through the 9 Fr, but not the 12-gauge line. Thus, we assumed that the catheter was misplaced. Nevertheless, ultrasonographic findings did not reveal the reason for the malfunction. We found kinking in the distal part of the catheter after removing it.

INTERVENTION: The MAC was removed soon after stopping the active bleeding.

OUTCOMES: A hemihepatectomy was successfully performed, and the patient was transferred to the intensive care unit.

LESSONS: Anesthesiologists should consider kinking of large-bore catheters, including MACs.

Reference:


Malfunction of a central venous multilumen access catheter caused by kinking