Mediastinal haematoma is a rare complication of CVC insertion. It is most commonly due to perforation of the subclavian vein by the guidewire or dilator” Ali et al (2017).

Extract:

Mediastinal haematoma is a rare complication of CVC insertion. It is most commonly due to perforation of the subclavian vein by the guidewire or dilator. While some patients can be managed conservatively, others require placement of a chest tube, coil embolization of the injured artery and even thoracotomy. An appropriate insertion technique, close post-procedure observation and a routine CXR after CVC insertion can help identify mediastinal haematoma and other complications due to the procedure”

Reference: