Abstract:

Inadvertent migration of central venous catheters can lead to several issues including delayed therapy and clinical morbidities such as thrombosis. Peripherally inserted central catheters (PICCs) are particularly at risk of movement. An innovative new device which allows anchorage of the catheter has proved very successful in the minimisation of catheter migration. The SecurAcath device incorporates a small blunt anchor which lies beneath the skin in order to secure the catheter in place and prevent inadvertent movement. An evaluation of 31 patients with a SecurAcath device in situ to secure a PICC found only one case of insignificant catheter migration. Some initial problems with infection and pain were encountered and interventions were put in place to minimise their incidence. SecurAcath removal proved to be the most significant challenge but this can be overcome with suitable guidance and training.

Other intravenous and vascular access resources that may be of interest (External links – IVTEAM has no responsibility for content).

Guide for intravenous chemotherapy and associated vascular access devices from Macmillan. An example of peripheral cannulation OSCE from OSCE Skills.