



Access Vascular, based in Massachusetts, has developed a peripherally inserted central venous catheter (PICC) composed of a thromboresistant hydrogel material” Medgadget (2018).

Extract:

Medgadget report “Access Vascular, based in Massachusetts, has developed a peripherally inserted central venous catheter (PICC) composed of a thromboresistant hydrogel material. The catheter could reduce the incidence of catheter-related thrombi and resulting adverse events.

When a catheter encounters blood, blood cells and proteins begin to accumulate on its surface. The surface material of the catheter, along with its shape, has a significant effect on the speed and magnitude of this process. Catheter-related thrombi can result in a variety of serious complications, including pulmonary embolism, infections, loss of venous flow, deep vein thrombosis, increased hospital stays, increased patient morbidity and catheter dysfunction.”

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