Therefore, when a port malfunctions, thrombolytics are usually the only option attempted before the port is explanted and a new site is prepared for access. We present a minimally invasive technique demonstrating port salvage that does not require explant” Hagaman et al (2020).

Abstract:

Industry has long fought the battle to design a vascular catheter that is less thrombogenic. Indwelling catheters provide long-term central venous access, but they develop fibrin sheaths as the vascular system recognizes them as foreign bodies. Peripheral catheters and central catheters can be changed over a guidewire when they form a fibrin sheath or otherwise malfunction. However, totally implantable venous access devices such as a port cannot be easily exchanged over a wire. Therefore, when a port malfunctions, thrombolytics are usually the only option attempted before the port is explanted and a new site is prepared for access. We present a minimally invasive technique demonstrating port salvage that does not require explant.

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Technique for removing a fibrin sheath from implantable port
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