

Title (en)

VENOUS RETURN CANNULA WITH ENHANCED DRAINAGE

Title (de)

VENÖSE RÜCKFÜHRKANÜLE ZUR VERBESSERTEN DRAINAGE

Title (fr)

CANULE DE RETOUR VEINEUX A DRAINAGE RENFORCE

Publication

**EP 1251898 A1 20021030 (EN)**

Application

**EP 00978424 A 20001107**

Priority

- US 0030686 W 20001107
- US 43817299 A 19991111

Abstract (en)

[origin: WO0134237A1] An improved venous drainage cannula having enhanced drainage for minimally invasive surgeries involving vacuum-assisted venous drainage. The cannula includes more than two discrete segments in which suction holes are provided. There may be a distal segment with suction holes and two segments spaced proximally therefrom with suction holes. The tubular cannula body terminates in a tapered tip and the distal suction segment extends proximally therefrom. Between a first proximal suction segment and a distal suction segment, the cannula is reinforced. Likewise, the cannula is reinforced between the first proximal suction segment and the next suction segment. The reinforcement may be a helical wire molded into the wall of the cannula. The proximal suction segments are designed to reside within the right atrium during venous drainage. If one of the atrial suction segments becomes occluded by contact with the atrial wall, the other atrial suction segment maintains adequate flow from the right atrium.

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IPC 8 full level

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