

Title (en)

VISUALIZATION APPARATUS AND METHODS FOR TRANSSEPTAL ACCESS

Title (de)

VISUALISIERUNGSVORRICHTUNG UND -VERFAHREN FÜR TRANSSEPTALEN ZUGRIFF

Title (fr)

APPAREIL DE VISUALISATION ET PROCÉDÉS POUR L'ACCÈS À TRAVERS LA PAROI SEPTALE

Publication

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Application

EP 07812146 A 20070614

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Abstract (en)

[origin: WO2007147060A2] Visualization apparatus and methods for transseptal access are described herein where intravascular access across a septal wall is facilitated via devices which provide for direct visual viewing of tissue area. Such a system may include a deployment catheter and an attached imaging hood deployable into an expanded configuration. In use, the imaging hood is placed against or adjacent to the tissue to be imaged in a body lumen that is normally filled with an opaque bodily fluid such as blood. A translucent or transparent fluid can be pumped into the imaging hood until the fluid displaces any blood leaving a clear region of tissue to be imaged via an imaging element in the deployment catheter. Any number of therapeutic tools or a guidewire can be passed through the catheter and into the imaging hood for crossing the septal wall and passing the guidewire or instruments therethrough.

IPC 8 full level

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