

Title (en)
RESECTOR BALLOON SYSTEM

Title (de)
RESEKTORBALLONSYSTEM

Title (fr)
SYSTÈME À BALLONNET DE RÉSECTION

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Application
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Abstract (en)
[origin: WO2011142758A1] A resector balloon system is disclosed generally comprising a catheter with at least one balloon having an outer wall with a resecting, non-slip surface for resecting unwanted biological material, such as tissues or tumors, and a pump that supplies fluid thereto in pulsed fashion to repeatedly deflate and inflate said balloon. In certain embodiments, the pump includes a processor that controls the pulsed supply of fluid based on an established frequency or change in volume. In some embodiments, the system includes a keyed connector with which the pump identifies the balloon type, and in some cases, the system calculates intra-lumen diameters and densities. In some embodiments, the balloon portion of the catheter includes multiple balloon segments, which in some cases, are inflatable separately from one another.

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