

Title (en)  
METHOD AND SYSTEM FOR NON-VASCULAR SENSOR IMPLANTATION

Title (de)  
VERFAHREN UND SYSTEM FÜR DIE NICHTVASKULÄRE SENSOR-IMPLANTATION

Title (fr)  
PROCEDE ET SYSTEME D'IMPLANTATION D'UNE SONDE NON VASCULAIRE

Publication  
**EP 1438029 A2 20040721 (EN)**

Application  
**EP 02780519 A 20021023**

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Abstract (en)  
[origin: WO03034902A2] Systems and methods for non-vascular sensor implantation and for accurately measuring a physiological parameter in areas of a body where amounts of the physiological parameter are heterogeneous. An implant unit is implanted in an area of a body and a foreign body capsule is allowed to form around the area of the implant unit. A sensor may be directed into a body cavity such as, for example, the peritoneal space, subcutaneous tissues, the foreign body capsule, or other area of the body. A subcutaneous area of the body may be tunneled to place the sensor. A plurality of spatially separated sensing elements may be used for detecting individual amounts of the physiological parameter. An overall amount of the physiological parameter may be determined by calculating a statistical measurement of the individual sensed amounts in the area may be determined based on the sensed amounts.

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