

Title (en)  
SUBCUTANEOUS CARDIAC LEAD WITH FIXATION

Title (de)  
SUBKUTANE HERZLEITUNG MIT FIXIERUNG

Title (fr)  
DERIVATION CARDIAQUE SOUS-CUTANEE A FIXATION

Publication  
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Application  
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Abstract (en)  
[origin: WO2004091717A2] Implantable subcutaneous devices and methods employ a lead and/or electrode for cardiac monitoring and/or stimulation. One or more fixation elements are included, for example, expandable elements, porosity, helical fixation elements, grooves, ridges, tines, tines with barbs, spring-loaded tines, flexible or collapsible tines, and other fixation mechanisms configured to actively and/or passively secure one or both of the electrode or body of the lead in subcutaneous non-intrathoracic tissue acutely, chronically, or acutely and chronically. A method of implanting subcutaneous leads according to the present invention involves providing a lead comprising a lead body, an electrode, and one or more fixation elements, and securing one or both of the lead body and the electrode to subcutaneous non-intrathoracic tissue at one or more fixation sites using the fixation elements. The method may involve use of a delivery device, such as a sheath, for lead delivery to a subcutaneous non-intrathoracic implant site.

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