

Title (en)
IMPLANT INVENTORY MANAGEMENT SYSTEM AND METHOD USING DIGITAL IMAGE PLANNING

Title (de)
IMPLANTAT-BESTAND-VERWALTUNGSSYSTEM UND VERFAHREN MIT DIGITALER BILDPLANUNG

Title (fr)
SYSTEME DE GESTION D'INVENTAIRE POUR CHIRURGIE IMPLANTAIRE ET TECHNIQUE DE PLANIFICATION PAR IMAGES NUMERIQUES

Publication
EP 1906857 A1 20080409 (EN)

Application
EP 06761176 A 20060724

Priority
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Abstract (en)
[origin: WO2007009263A1] A method is provided for maintaining a data set associated with an implant device intended for use during implant surgery on a selected patient. The method includes the steps of: storing pre-operative planning information in the data set configured for use during the implant surgery, the pre-operative planning information comprising image data representing the anatomy of the selected patient, a definition of the implant device based on an analysis of the anatomy represented in the image data such that the definition of the implant device includes one or more implant devices each having at least one different implant property, and surgical information including placement information of the implant device on the anatomy. The data set can then be amended to include intra-operative information including the actual implant device used during the implant surgery and details of the actual placement of the implant device used during the implant surgery. The amended data set is stored for subsequent access to facilitate outcome analysis (i.e. post-operative analysis) of the pre-operative planning information and the intra-operative information associated with the implant device.

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G06Q 10/087 (2013.01); **G16H 20/40** (2017.12)

Citation (search report)
See references of WO 2007009263A1

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