

Title (en)  
INDIVIDUALIZED MEDICAL INTERVENTION PLANNING

Title (de)  
INDIVIDUALISIERTE PLANUNG MEDIZINISCHER EINGRIFFE

Title (fr)  
PLANIFICATION D'INTERVENTION MÉDICALE INDIVIDUALISÉE

Publication  
**EP 4292101 A1 20231220 (EN)**

Application  
**EP 21705931 A 20210212**

Priority  
EP 2021053523 W 20210212

Abstract (en)  
[origin: WO2022171302A1] The invention is directed at a method of operating a decision support system for evaluating a medical intervention plan for the medical intervention of a disorder in a human or animal body, the method comprising the steps of: obtaining, by the decision support system, patient data indicative of one or more patient characteristics for an individual patient; obtaining, by the decision support system, medical intervention data indicative of the medical intervention plan for the medical intervention; identifying, based on the medical intervention data, at least one prediction model associated with the medical intervention plan; applying, based on the patient data, at least one modifier model for modifying the at least one prediction model based on the patient characteristics of the individual patient, such as to obtain a modified prediction model; and determining, based on the patient data and using the modified prediction model, a medical intervention outcome in terms of one or more probability values associated with one or more health status events indicative of medical intervention result probabilities. This document further describes a decision support system applying the method.

IPC 8 full level  
**G16H 50/20** (2018.01); **G16H 50/30** (2018.01)

CPC (source: EP)  
**G16H 50/20** (2018.01); **G16H 50/30** (2018.01)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022171302 A1 20220818**; EP 4292101 A1 20231220

DOCDB simple family (application)  
**EP 2021053523 W 20210212**; EP 21705931 A 20210212