

Title (en)

SYSTEM AND METHOD FOR OPTIMAL OPERATING ROOM SCHEDULING AND BOOKING

Title (de)

SYSTEM UND VERFAHREN FÜR OPTIMALE ZIMMERBUCHUNG

Title (fr)

SYSTEME ET PROCEDE POUR PLANIFIER ET RESERVER UNE SALLE D'OPERATION DE MANIERE OPTIMALE

Publication

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Application

EP 97902866 A 19970103

Priority

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Abstract (en)

[origin: WO9725682A1] A computer implemented method of optimal scheduling of a plurality of medical procedures by a plurality of surgeons in a set of operating rooms includes computer assistance screens for identifying the resources needed for all the procedures to be performed on a given day and computer assisted procedures for associating the required resources with each procedure. A feasibility check is performed for each procedure before the schedule is optimized. The schedule is optimized according to preset optimality criteria, which criteria may be changed by an authorized user. The method uses both preferred starting intervals and preferred end times for each procedure. Various hospital and surgeon preferences, priorities and policies are accommodated by the system. The use of resources can be minimized for a given procedure load, or the number of procedures can be maximized given the resources available.

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