Title (en)

ERGONOMIC MONITORING AND ANALYSIS FOR AN OPERATING ROOM

Title (de)

ERGONOMISCHE ÜBERWACHUNG UND ANALYSE FÜR EINEN OPERATIONSSAAL

Title (fr)

SURVEILLANCE ET ANALYSE ERGONOMIQUES POUR SALLE D'OPÉRATION

Publication

EP 4193367 A2 20230614 (EN)

Application

EP 22729806 A 20220525

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- IB 2022054897 W 20220525

Abstract (en)

[origin: WO2022249093A2] Systems, methods, and instrumentalities are disclosed for monitoring healthcare professionals (HCPs) in a surgical procedure and providing parameters associated with improving wear on HCPs. The parameters may be associated with recommendations, adjustments, and/or feedback for ergonomic positioning. Surgeon motion, posture, and surgical access may be monitored to create recommendations to improve wear on HCPs. Motions and postures of HCPs may be analyzed by a computing system. The computing system may perform an analysis of motions and postures of HCPs throughout a surgical procedure in an operating room (OR), for example, to identify improvements for posture, weightlifting, standing, and the like. The computing system may determine ergonomic adjustment parameter(s) associated with ergonomic positioning within the OR based on the monitored data. The parameters may include instrument mix selection, trocar location, OR table setup, and/or patient positioning.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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