

Title (en)

PASSIVE, NON-INVASIVE METHOD TO QUANTIFY OBJECTIVELY THE LEVEL AND DENSITY OF A NEURAL BLOCKADE

Title (de)

PASSIVES NICHT-INVASIVES VERFAHREN ZUR OBJEKTIVEN QUANTIFIZIERUNG DES AUSMASSES VON NEURALEN BLOCKADEN

Title (fr)

PROCEDE PASSIF ET NON EFFRACTIF PERMETTANT DE QUANTIFIER DE MANIERE OBJECTIVE LE NIVEAU ET LA DENSITE D'UN BLOCAGE NEURONAL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9909885A1] Electromyogram, temperature and heart rate measurement which correlate to the dermatome level, and density of neural blockade are obtained in a passive manner, i.e., the patient is not stimulated, or exposed to any sensor that requires an active conduction in order to make a measurement. No active patient participation or response is required. The measurements obtained provide objective and quantitative indications of, for example, epidural blockade with local anesthetics thus allowing objective real time assessment of density, and level of neural blockade.

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