

Title (en)
APPARATUS FOR EVALUATING THE MUSCULAR CAPACITY OF THE ABDOMINAL MUSCLES OF A PATIENT

Title (de)
VORRICHTUNG ZUR BEURTEILUNG DER MUSKELKAPAZITÄT DER BAUCHMUSKELN EINES PATIENTEN

Title (fr)
APPAREIL D'EVALUATION DE LA CAPACITE MUSCULAIRE DE LA SANGLE ABDOMINALE D'UN SUJET

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Application
EP 10752015 A 20100715

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Abstract (en)
[origin: WO2011007101A2] The invention relates to an apparatus (1) for evaluating the muscular capacity of the abdominal muscles of a patient, including: a means (10) to be tightened around the abdominal muscles of the patient; a means (12, 13) for measuring the abdominal pressure of the patient connected to the tightening means (10); a means (14) for monitoring the means (12, 13) for measuring the abdominal pressure, designed to a) determine the mean abdominal pressure (PM) of the patient over a sequence of respiratory movements by the patient; b) determine an abdominal pressure, referred to as cough pressure (PT), over a sequence of coughs by the patient; c) evaluate muscular capacity on the basis of the orientation of the abdominal cough pressure (PT) and of the result of the comparison between the abdominal cough pressure (PT) and the mean abdominal pressure (PM). The invention also relates to a kit for abdominal muscle training and rehabilitation including such an apparatus.

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