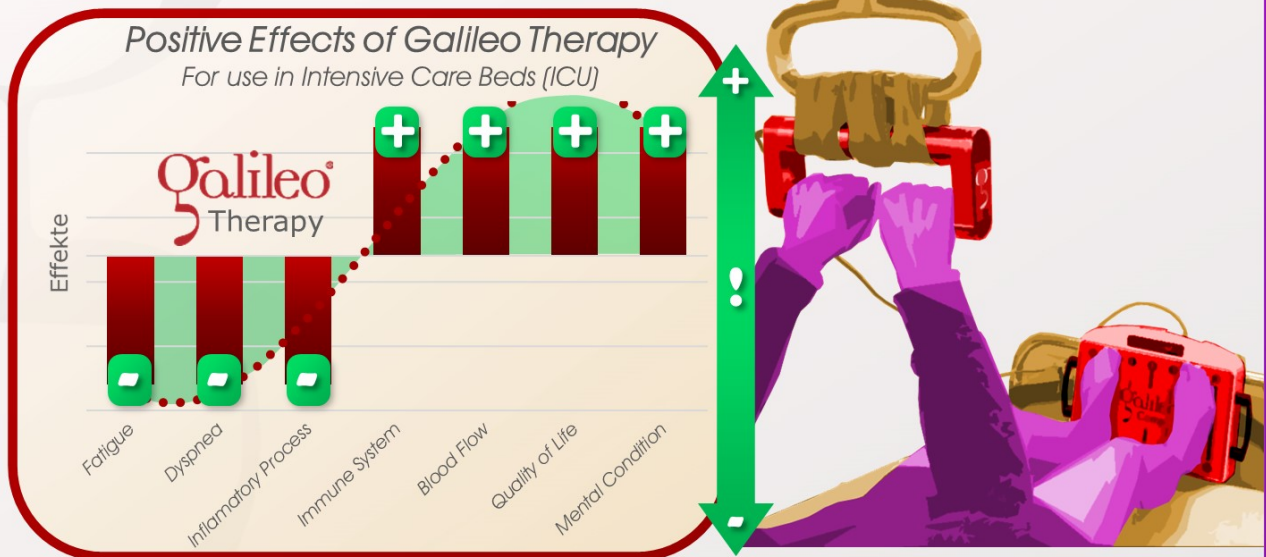




Can Galileo Therapy help COVID-19 patients in Intensive Care Units (ICU)?

The answer is: YES

The WAVex (World Association of Vibration Exercise Experts) Panel recommends the use of Galileo Therapy for COVID-19 patient therapy in Intensive Care Units (ICUs). Background are the results of 36 international comparable studies – more than half of them using Galileo devices, including the import ones concerning the use in ICU, COPD, CP, Parkinson and allogeneic hematopoietic cell transplantation.



Sañudo B, Gloeckl R, Rittweger J, Rawer R, v.d. Zee EA, Bernardo-Filho M et al.: Potential Application of Whole Body Vibration Exercise For Improving The Clinical Conditions of COVID-19 Infected Individuals; Int.J.Env.Res.Publ.Health, 17/10:3650, 2020; PMID: 32455961, GID:5112

Galileo Research Fact Sheet #153

Therapy: COVID-19 Therapy Benefit, ICU

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Galileo Research Facts No. 153: Can Galileo Therapy help COVID-19 patients in Intensive Care Units (ICU)?

The WAVex (World Association of Vibration Exercise Experts) Panel recommends the use of Galileo Therapy for COVID-19 patient during therapy in Intensive Care Units (ICUs). Background for this recommendation are the results of 36 international studies with positives outcomes for comparable symptoms – more than half of them using Galileo devices, including the important ones concerning the use in ICU, in lung dysfunction like COPD (#GRFS144, #GRFS124, #GRFS107, #GRFS34, #GRFS32), in non-ambulatory patients like in CP (#GRFS72), Parkinson (#GRFS88) and allogeneic hematopoietic cell transplantation.

The WAVex Panel points out the proven positive effects of Vibration Therapy on the immune system (#GRFS106, #GRFS92), blood flow (#GRFS134, #GRFS81), reduction of Fatigue, Risk of Dyspnea and inflammatory processes (#GRFS106) as well as the positive effects on quality of life (QoL) (#GRFS136, #GRFS42, #GRFS32) and mental condition – for all these effects Galileo studies where cited.

As a result, Galileo Therapy was recommended for the reduction of decline of lung function and muscle function at the beginning of the disease, for preservation of these functions in Intensive Care Units (ICU) and to reduce the timespan in ICU but also for physical rehab after the disease itself.

#GRFS153 #GalileoTherapy #MechanoStimulation #GalileoManoMed #GalileoBed #COVID #COVID19 #CORONA #GalileoDelta #ICU #Intensivbett #IntensiveCare #Rehab #PhysicalRehab #LungFuncton #Dyspnea



Potential Application of Whole Body Vibration Exercise for Improving the Clinical Conditions of COVID-19 Infected Individuals: A Narrative Review from the World Association of Vibration Exercise Experts (WAVex) Panel

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Abstract:

COVID-19 is a highly infectious respiratory disease which leads to several clinical conditions related to the dysfunction of the respiratory system along with other physical and psychological complaints. Severely affected patients are referred to intensive care units (ICUs), limiting their possibilities for physical exercise. Whole body vibration (WBV) exercise is a non-invasive, physical therapy, that has been suggested as part of the procedures involved with pulmonary rehabilitation, even in ICU settings.

Therefore, in the current review, the World Association of Vibration Exercise Experts (WAVEX) reviewed the potential of WBV exercise as a useful and safe intervention for the management of infected individuals with COVID-19 by mitigating the inactivity-related declines in physical condition and reducing the time in ICU.

Recommendations regarding the reduction of fatigue and the risk of dyspnea, the improvement of the inflammatory and redox status favoring cellular homeostasis and the overall improvement in the quality of life are provided.

Finally, practical applications for the use of this paradigm leading to a better prognosis in bed bound and ICU-bound subjects is proposed