

Journal of Respiratory and CardioVascular Physical Therapy

Dear readers,

The Journal of Respiratory and Cardiovascular Physical Therapy reaches the second volume of the seventh issue. This volume presents three original research articles performed in the northeast and south of Brazil which shows the extension of the interest in produce research on this magnificent area of Physical Therapy through the country.

These manuscripts studied two different populations: hospitalized patients with chronic cardiorespiratory diseases, intensive care unit (ICU) patients with cardiovascular diseases.

The first one, entitled **“Neuromuscular electrical stimulation and transcutaneous electrical diaphragmatic stimulation in hospitalized patients with chronic cardiorespiratory diseases: a randomized clinical trial”**, aimed to evaluate and compare two modalities of respiratory and peripheral muscle training, grouping patients into two groups. One group performed a protocol with transcutaneous electrical diaphragmatic stimulation and neuromuscular electrical stimulation in association with voluntary contraction and, another group that performed a protocol using Power Breath device and mechanical resources for peripheral muscle training. The authors found that in addition to conventional muscle training, electrotherapeutic resources improve functional independence of these patients and they are an effective treatment strategy for cardiopulmonary rehabilitation programs.

The second manuscript is entitled **“Functional status of patients with cardiovascular disease in cardiology ICU”**, assessed the functional independence of these individuals through the Functional Independence Measure (FIM) scale, aiming to investigate their functional status during ICU stay

until hospital discharge, and to correlate these findings to ICU length of stay and hospital admission. The results showed that there is a reduction in functional status due to ICU staying, according to the FIM scale. Authors also highlighted that the lower FIM score the longer hospitalization length of patients with cardiovascular diseases.

Therefore, this volume provides a reliable quality reading about current methods of respiratory muscle training, their effects over patients with cardiorespiratory diseases, and the relevant action of the Physical Therapy on rehabilitation and improvement of quality of life and functionality of patients with cardiovascular diseases, during and after ICU staying and hospital admission.

Finally, we invite all students, professionals and, researchers to continue submitting your manuscripts to our journal, and thus to keep contributing to the growth of the scientific information source of Respiratory and Cardiovascular Physical Therapy.

Wish you all a good reading.

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