

Dear Readers,

It is with wide satisfaction that we have published the second issue of *Journal of Respiratory and Cardiovascular Physical Therapy (JCRPT)*. The *JCRPT* offers an innovative initiative targeting to contribute with science divulgation in this scenario and consequently to develop scientific and technological knowledge in the field covered by the JFCVPT.

In this number we have published three manuscripts with different methodological differences. You will find a systematic review entitled **“ASSESSMENT AND DATA PROCESSING TOOLS OF INSPIRATORY MUSCLE FATIGUE EVALUATION USING SURFACE ELECTROMYOGRAPHY: A SYSTEMATIC REVIEW”** in which the authors had the major goal to analyze inspiratory muscle fatigue. Due to the lack of studies about this subject and the found results the authors conclude that validation studies are needed to identify the best way to analyze different muscle activities.

We have also published two original papers. The first manuscript entitled **“EFFECTS OF POSITIVE AIRWAY PRESSURE ON PULMONARY FUNCTION PARAMETERS”** and evaluated the short-term effects of two different chest therapy devices (EPAP and Flutter) in subjects with cystic fibrosis. The results show that neither EPAP nor Flutter were able to significantly change lung function and static volumes after therapy. Therefore, the recommendation of any of these devices may be based on pulmonary function classification, clinical stability and patient age.

The third manuscript entitled “**CARNITINE IMPROVES EXERCISE TOLERANCE AND RESPIRATORY MUSCLE STRENGTH IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE**” had the major goal to evaluate the safety and effects of oral *L-carnitine* supplementation on functional capacity and pulmonary function in patients with moderate-to-severe COPD. Authors have found that the use of 2g of oral *L-carnitine* supplementation for 6 weeks was able to improve submaximal exercise tolerance and respiratory muscle strength in COPD. Besides the results, further studies with larger population are needed to confirm these preliminary findings.

We also bring on letter to editor “**GLITTRE-ADL TEST: A PROPOSAL FOR FUNCTIONAL EVALUATION IN HEART FAILURE**” in which the authors suggest the inclusion of GLITTRE-ADL test on the assessment of individuals with chronic heart failure (CHF) as the test opens a new prospective of global evaluation and follow-up of individuals with CHF.

Good reading for all

Lucien Peroni Gualdi

PneumoCardioVascular and Respiratory Muscles Lab

Federal University of Rio Grande do Norte

Editors in Chief

Guilherme Fregonezi

Armele F Dornelas de Andrade

Raquel R Britto