WELCOME TO WC 2021

The International Confederation of Cardiorespiratory Physical Therapists (ICCrPT) welcome you to WP 2021 online (9th-11th April 2021). There are many opportunities for cardiorespiratory physiotherapists from across the globe to share information, network, learn, inspire and be inspired! We would like to highlight a few sessions that might be of interest to our members.

ICCrPT will host a Networking Session

The ICCrPT will host a Networking Session on Friday 9th April from 13:45pm – 14:30pm to which all members are welcome. This session will enable you to hear from cardiorespiratory physiotherapists across the world and will be chaired by our chairperson:

Networking session NWS Cardiorespiratory NWS -08
Chair: Brenda O Neil (United Kingdom); Co-chair: Anna Christakou (Greece)
https://wp2021.conf2go.app/#/app/sessions/da7ad0c0-3ed1-4500-1166-010000000023

The ICCrPT look forward to meeting with you online and experience collegiality amongst our cardiorespiratory community. Come along and contribute to the discussion!

Membership for ICCrPT 2021 remains open – please join / renew with us as we continue our efforts to support and promote cardiorespiratory physiotherapy. If you are interested in finding out more about becoming a member of ICCrPT, please contact our Executive Committee (info@cardioresp.physio)
Enjoy your congress!

The Executive Committee, ICCrPT, March 2021
There is a staggering amount of content at WP 2021 Online!
To assist you in maximising your congress experience, we have provided a list of cardiorespiratory sessions/presentations during the course of the congress. Please also consult the congress planner for further details of session content and venue (https://wp2021.conf2go.app/#/app/dashboard).

Platform presentations

Available On Demand
(https://wp2021.conf2go.app/#/app/presentationtype/da7ad0c0-3ed1-4500-1166-0b0000000323/Platform%20presentations)

1. PL 00210
Cardiorespiratory
The incremental shuttle walk test normative reference values in a healthy Singaporean population
Meredith Yeung (Singapore)
2. PL 00314
Cardiorespiratory
A new innovative combined cardiac rehabilitation and pulmonary rehabilitation program offered in a rural setting using telerehabilitation participants’ experiences
Judy King (Canada)
3. PL 00327
Critical care
Functional recovery after ICU and hospital discharge: feasibility and preliminary efficacy of the reach program
Mel Major (Netherlands)
4. PL 00354
Critical care
Inspiratory muscle training in the tracheotomised critically ill adult. A prospective single center observational study –stronger
Angela Kindler (Switzerland)
5. PL 00440
Critical care
Family participation in the physical rehabilitation of critically ill patients: The development of an intervention
Lotte Martine Maria van Delft (Netherlands)
6. PL 00471
Predicative validity of the Chelsea Critical Care Physical Assessment Tool (CPax) in critically ill mechanically ventilated adults
Sabrina Eggmann (Switzerland)
7. PL 00667
COVId 19
Prone position ventilation in critically ill patients with COVID 19
Clara Gaspari (Brazil)
8. PL 00749
Cardiorespiratory
Effectiveness of an exercise programme on ambulatory blood pressure in adults with resistant hypertension and obstructive sleep apnoea risk
Suranga Dassanayake (Sri Lanka)
9. PL 00787
Cardiorespiratory
Effectiveness of non-pharmacological therapeutic interventions for pain and physical function in adults with rib fractures: A systematic review and meta-analyses
Beverley Joan Weinberg (South Africa)
10. PL 01342
Cardiorespiratory
The new KNGF-Guideline COPD: Stratification of patients in order to provide adequate physical therapy care
Mitchell van Doormaal (Netherlands)
11. PL 01375
Cardiorespiratory
Characteristics of exercise based cardiac rehabilitation program are important in the improvement of lipid profiles level: A systematic review and meta-analyses
Mohammad Javaherian (Iran)
12. PL 01404
Cardiorespiratory
Multidisciplinary development of criteria referral of patients with COPD to primary care physiotherapy or interdisciplinary pulmonary rehabilitation
HiideVreeken (Netherlands)
13. PL 01782
Critical care
The role of non-invasive ventilation in patients undergoing an invasive thoracic procedure: A systematic review with meta-analyses
Adriana Lunardi (Brazil)
14. PL 01970
Cardiorespiratory
Guideline development for translation of best evidence into practice for physiotherapy management of invasively ventilated adults with community –acquired pneumonia
Lisa van del Lee (Australia)
15. PL 02076
Cardiorespiratory
Impact of ambulatory cardiac rehabilitation on clinical outcomes in elderly patients with heart failure
Masakazu Saitoh (Japan)

State of the Art Presentations
(https://wp2021.conf2go.app/#/app/presentationlist/state_of_the_art/State%20of%20the%20art%20presentations)

1. PL 01342
Cardiorespiratory
The new KNGF-Guideline COPD: Stratification of patients in order to provide adequate physical therapy care
Mitchell van Doormaal (Netherlands)
2. PL 01970
Cardiorespiratory
Guideline development for translation of best evidence into practice for physiotherapy management of invasively ventilated adults with community –acquired pneumonia
Lisa van del Lee (Australia)
3. PL 00610
Cardiorespiratory
Upper limbs exercise training and muscle strength in patients with chronic obstructive pulmonary disease: A systematic review
Christos Karagiannis (Cyprus)
4. PO-00756  
Cardiorespiratory  
Effect of outpatient cardiac rehabilitation on functional improvement in malnourished patients with cardiovascular disease measured by GLIM criteria  
Kotaro Takizawa (Japan)  

**Focused Symposia**

**Sat 10th April** ([https://wp2021.conf2go.app/#/app/sessions/da7ad0c0-3ed1-4500-1166-010000000024](https://wp2021.conf2go.app/#/app/sessions/da7ad0c0-3ed1-4500-1166-010000000024))

**10.00-11.00:** Global cardiovascular health (FS-03)  
Chair: Julie Redfern  
**Speakers**  
Lee Nedkoff  
Jennifer Jones  
Nicole Lowres

**e-Poster presentations**

[Available On Demand](https://wp2021.conf2go.app/#/app/presentationtype/da7ad0c0-3ed1-4500-1166-0b0000000332/ePoster%20presentations)

1. PO-00209  
Cardiorespiratory  
The Chinese Mandarin version of the six minute walk test: A validation study  
Meredith Yeung (Singapore)

2. PO-00233  
Critical care  
Recovery following discharge from Intensive care: What do patients think is helpful and what services were missing?  
Brenda O’Neil (United Kingdom)

3. PO-00284  
Cardiorespiratory  
Effect of home based exercise program on functional capacity and quality of life in chronic obstructive pulmonary disease  
Kalyana Chakravarthy Bairapareddy (United Arab Emirates)

4. PO-00352  
Cardiorespiratory  
Eccentric cycling training improves rythromotive rheological capacity and is associated with modulated metabolism status in sedentary men  
Yu-Chieh Huang (Taiwan)

5. PO-00470  
Cardiorespiratory  
Factors behind the risk of cardiovascular disease in people with or at high risk for knee osteoarthritis  
Abdulfattah Alqahtani (Saudi Arabia)

6. PO-00482  
Cardiorespiratory  
Standardizing physical therapy (PT) management for patients diagnosed with lower extremity (LE) deep venous thrombosis (DVT)  
Derek Dale Bayquen (United Arab Emirates)

7. PO-00493  
Cardiorespiratory
Applicability of capnography in the adult intensive care unit during physical therapy: A systematic review
Karen Smith (United States)
8. PO-00529

Critical Care
Survey of physiotherapy practice in Ontario Cardiac Surgery intensive care units
Anastasia N.L. Newman (Canada)
9. PO-00537

Critical care
Adverse events of critically ill patients associated with mechanical in–exsufflation: A case series
Ryota Kuroiwa (Japan)
10. PO-00544

Cardiorespiratory
Cardiac disease: A disaster or a dilemma? Transforming cardiac outcomes in the UAE utilizing a multidisciplinary approach
Mahmoud Al Tamini (United Arab Emirates)
11. PO-00591

Cardiorespiratory
The effects of slow with low loaded breathing training on blood pressure in patients with essential hypertension
Phallin Thaworncheep (Thailand)
12. PO-00600

Cardiorespiratory
Is physical adaptation to exercise related to TCD4 cells level in HIV-infects people?
Orthelo Leonel Gbetoho Atigossou (Benin)
13. PO-00610

Cardiorespiratory
Upper limbs exercise training and muscle strength in patients with chronic obstructive pulmonary disease: A systematic review
Christos Karagiannis (Cyprus)
14. PO-00639

Critical care
Effectiveness of inspiratory muscle training and high flow nasal cannula oxygen therapy on physiotherapy outcomes measures in difficult weaning patients
Anna Christakou (Greece)
15. PO-00653

Cardiorespiratory
Characteristics in women with COPD from exposure to woodsmoke and smoking in pulmonary rehabilitation
Jhonatan Betancourt-Pena (Colombia)
16. PO-00654

Cardiorespiratory
Is there relationship between the distance of the 6-minutes’ walk test, quality of life and dyspnea in patients with COPD?
Jhonatan Betancourt-Pena (Colombia)
17. PO-00658

Cardiorespiratory
Impact of cardiac surgery on handgrip strength and lung function and their relationship in persons with cardiac diseases
Nnamdi Mgbemena (Australia)
18. PO-00756  
Cardiorespiratory  
Effect of outpatient cardiac rehabilitation on functional improvement in malnourished patients with cardiovascular disease measured by GLIM criteria  
Kotaro Takizawa (Japan)

19. PO-00825  
Cardiorespiratory  
Efficacy of chest and upper limb PNF on pulmonary function parameter and quality of life in patients with AECPD  
HinaVaish (India)

20. PO-00933  
Cardiorespiratory  
Quality of life, exercise capacity and muscle strength in coronary patients compared with the general population in Chile  
Pamela Seron (Chile)

21. PO-00960  
Cardiorespiratory  
Women’s participation and experience in rural cardiac telerehabilitation programs  
Judy King (Canada)

22. PO-010066  
Cardiorespiratory  
The experiences of cardiac surgery critical care clinicians with in bed cycling in adult patients undergoing complex cardiac surgery  
Anastasia NL Newman (Canada)

23. PO-01017  
Cardiorespiratory  
Physiotherapy and obstructive sleep apnea: A synthesis of physiotherapy interventions to support the development of the novel program  
Jacqueline Tu Anh Thu Lam (Canada)

24. PO-01062  
Cardiorespiratory  
Heart rate variability in sedentary aerobic, anaerobically trained females: a pilot study  
Jacqueline Drouin (United States)

25. PO-01108  
Cardiorespiratory  
Is the two minute step test an alternative or a complement to 6-minute walk test in treated coronary patients?  
Maria Jose Oliveros (Chile)

26. PO-01194  
Critical care  
Passive limb movements are widely practice by intensive care physiotherapist in the Gulf Cooperation Council States: a pilot study  
Gopala Krishna Alaparthi (United Arab Emirates)

27. PO-01199  
Cardiorespiratory  
Improved cardiorespiratory fitness and cardiovascular risks are associated with improved executive functions after exercise training in adults with cardiovascular risks  
Chia-Hsin Liu (Taiwan)

28. PO-01246  
Cardiorespiratory  
Multidimensional exercise training on hemodynamic and physical function responses in older long term care residents: a multicenter randomized clinical controlled trial
Anna Grigoriadou (Greece)
29. PO-01267
Cardiorespiratory
Impact of major and minor pectoralis muscle mass on prognosis of idiopathic pulmonary fibrosis
Takashi Fujikawa (Japan)
30. PO-01279
Cardiorespiratory
Safety of exercise testing and exercise training on cardiac patients in supervised community based
cardiac rehabilitation programme
Ilias Iliadis (Greece)
31. PO-01304
Cardiorespiratory
Disability level and quality of life in patients with COPD at a lung rehabilitation center in Barranquilla
2018
Leslie Piedad Montealegre Esmeral (Colombia)
32. PO-01330
Cardiorespiratory
Soft drink straw as an alternative device of creating positive expiratory pressure (PEP) in thoracic
surgery patients
Anna Grigoriadou (Greece)
33. PO-01363
Critical care
Inspiratory musculature training with threshold device on respiratory muscle dysfunction in ICU
associated with mechanical ventilation: A documentary review
Julian Steven Moreno Parra (Colombia)
34. PO-01415
Critical care
Treatment and preventative interventions for post-intensive care syndrome (PICS): Overviews of
systematic reviews
Ana Christina Castro-Avilla (Chile)
35. PO-01565
Cardiorespiratory
“Teach me how to look after myself “– What people with bronchiectasis want from education in a
pulmonary rehabilitation setting
Annemarie Lee (Australia)
36. PO-01589
Cardiorespiratory
Inspiratory muscle training in Indian subjects with COPD: effects on respiratory muscle strength
functional exercise capacity and quality of life
Veena Kiran Nambiar (India)
37. PO-01594
Cardiorespiratory
Effect of cardiorespiratory physical therapy on cardiorespiratory fitness and well-being in postoperative
patients with lung cancer systematic review and meta-analysis
Tzu-Chi Lin (Taiwan)
38. PO-01628
Cardiorespiratory
Eguardian angel: development of an interactive peer support digital health system
Nia Luxton (Australia)
39. PO-01727
Cardiorespiratory
Which is the ideal duration of maximal respiratory pressure maneuvers to accurately measure Pimax and Pemax in healthy adults?
Ana Lista-Paz (Spain)
40. PO-01743
Cardiorespiratory
Effects of tai chi exercises on physical activity and pulmonary function in patients with coronary artery bypass grafting
Maria Razzaq (Pakistan)
41. PO-01783
Cardiorespiratory
Correlations between electromyography threshold of respiratory muscles and anaerobic threshold
Kenta Kawamura (Japan)
42. PO-01808
Cardiorespiratory
Breathe holding time as an index for the effect of breathing retraining in asthma patients
Monique van Oosten (Iceland)
43. PO-02117
Cardiorespiratory
Exploring the physical effects of laughter yoga in a group of healthy volunteers
Benjamin Rakos (Austria)
44. PO-02223
Cardiorespiratory
The effectiveness of virtual reality in cardiac rehabilitation: A systematic review
Ruth Anne Clarice Batin (Philippines)
45. PO-02236
Cardiorespiratory
Reference equations for the six–minute walk test in health adults from southwestern Colombia
Esther Cecilia Wilches Luna (Colombia)
46. PO-02377
Cardiorespiratory
The influence of the trunk muscle activation on occlusion pressure and respiratory muscle strength in healthy participants: randomized controlled trial
Agnieszka Siliwka (Poland)
47. PO-02379
Cardiorespiratory
Effect of thigh manual lymphatic drainage lower limb elevation and rest on venous volume – A pilot study
Andre Miguel da Costa Proenca (Portugal)

ENJOY YOUR CONGRESS!