



World Physiotherapy Congress 2021 online



ICCrPT

INTERNATIONAL CONFEDERATION OF
CARDIORESPIRATORY PHYSICAL THERAPISTS

Breathe | Pump | Function

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
Predictative 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>)

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 erythrocyte 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 (Unites 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 (Unites 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 AECPPD
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 (Unites 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 Alaparathi (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!



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SUBGROUP