Workshop: Incorporating Telemedicine into the Integrated Care of the COPD Patient

September 7th - 8th 2017
Regina Palace Hotel in Stresa Italy

Faculty

Claudio Donner, Borgomanero (NO) - Italy
Jon Raskin, New York (NY) - USA
Richard ZuWallack, Hartford (CT) - USA
Bruno Balli, Veruno (NO) - Italy
Richard Casaburi, Los Angeles (CA) - USA
Michael Dreher, Aachen - Germany
Tanja Effing, Adelaide - Australia
Roger Goldstein, Toronto - Canada
Michael Grey, Hartford (CT) - USA
Jerry Krishnan, Chicago (IL) - USA
Suzanne Lareau, Denver (CO) - USA
Barry Make, Denver (CO) - USA
Francois Maltais, Quebec - Canada
Paula Meek, Denver (CO) - USA
Michael Morgan, Leicester - UK
Linda Nici, Providence (RI) - USA
Jean-Louis Pepin, Grenoble - France
Carly Rochester, New Haven (CT) - USA
Chiara Rabbito, Bologna - Italy
Adam Silverman, Hartford (CT) - USA
Sally Singh, Leicester - UK
Martijn Spruit, Horn - the Netherlands
Thierry Troosters, Leuven - Belgium
Michele Vitacca, Lumezzane (BS) - Italy
Loreen Williams, Hartford (CT) - USA

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for his kind voluntary technical support

Program

Congress venue:
Hotel Regina Palace
Corso Umberto I, 29 - 28839 Lungolago Stresa (VB)
How to reach Hotel Regina Palace and main distances
By car - A26 and exit at Carpugnino where you’ll find a narrow road going down to Stresa (5 Km)
(Hotel Regina Palace has a private parking)
By plane - The nearest airport is Milan Malpensa: 45 Km
Linole airport: Km 110
By train - Railway Station: 500 mt

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Rationale

This will be a workshop consisting of invited faculty, chosen for their specific expertise in their respective areas. The output will be a workshop summary document that will be submitted for publication in a peer-reviewed journal.

The learning objectives are represented by:

1. Review the general concept of the integrated care approach to the long-term management of the COPD patient, demonstrating how it incorporates components of the following approaches to care: the chronic care model, disease management, supported self-care, coordinated care.
2. Review how current educational efforts, including self-management, in COPD often fall short.
3. Discuss the concept of telemedicine as a potential tool for facilitating integrated care in COPD.
4. Discuss specific, potential applications of telemedicine in integrated care of COPD, including supporting didactic education, self-management strategies, adherence with therapy, exercise and physical activity, non-invasive ventilation, supplemental oxygen, disease management of the respiratory exacerbation, management of the patient with chronic respiratory failure, and pulmonary rehabilitation. We will also have discussion on potential privacy issues resulting from the telemedicine intervention.

The program goals are:

1. Delineate the role of telemedicine in improving the care of the COPD patient using the integrated care model.
2. Outline areas for future research in this area.
3. Promote lines of communication among the various specialists participating in the workshop.
4. Create a summary document from the proceedings of the workshop, ready for submission to a peer-reviewed journal within three months of the workshop.

Day 1: Thursday, September 7th, 2017

Program

16.30 - 16.45 Welcome, introduction and overview of workshop • C. Donner, J. Raskin

16.45 - 17.00 Integrated care concepts
Moderator: M. Grey

16.45 - 17.30 Integrated care - micro, mesa and macro levels • L. Nici, A. Silverman, M. Morgan

17.30 - 17.45 Integrated care of chronic degenerative non-communicable diseases and rehabilitation: the odd couple? • R. Badhi

17.45 - 18.00 Discussion

18.00 - 18.15 Tele-rehabilitation: real life or utopia? • M. Vitacca

18.15 - 18.50 The potential of clinical ‘dashboard’ monitoring systems • J. Krishnan

18.30 - 18.45 Telemonitoring and home mechanical ventilation: the European point of view • A. Ambrosino

18.45 - 19.00 Discussion

19.00 - 19.15 Break

19.15 - 19.30 Education and self-management concepts in COPD
Moderator: L. Nici

19.30 - 19.45 COPD patients are not good at self-management • P. Meek

19.45 - 20.00 Our current model of education in COPD falls short • S. Larivain

20.00 - 20.15 Discussion

20.15 Dinner

Day 2: Friday, September 8th, 2017

08.30 - 08.45 Introduction

Session # 4.

08.45 - 09.00 Using telemedicine to promote patient education in COPD
Moderator: J. Krishnan

09.00 - 09.15 Discussion

09.15 - 09.50 Risk stratification for telemonitoring in COPD management • L. Williams

09.30 - 09.45 Using telemedicine to better manage COPD exacerbations • J. L. Pepin

09.45 - 10.00 The vanishing stethoscope: How telemedicine might affect the patient-caregiver relationship (pro-con) • J. Raskin, M. Grey

10.00 - 10.15 Discussion

10.15 - 10.30 Break

Session # 6.

10.45 - 11.00 Extending pulmonary rehabilitation exercise training outside its traditional boundaries using telemedicine • F. Maltais

11.00 - 11.15 Promoting adherence with pulmonary rehabilitation using telemedicine

11.15 - 11.30 Using telemedicine to promote adherence to supplemental oxygen therapy • R. Casaburi

11.30 - 11.45 Promoting physical activity using biofeedback from telemonitoring • M. Spruit

11.45 - 12.30 Discussion

12.30 - 13.30 Lunch

Session # 7.

13.00 - 13.15 Using telemedicine to help manage the patient with chronic respiratory failure

13.15 - 13.30 Using telemedicine to facilitate home noninvasive ventilation • M. Dreeber

13.30 - 13.45 Telemonitoring and chronic respiratory failure: cost/effectiveness • M. Vitacca

13.45 - 14.00 Discussion

14.15 - 14.30 Break

Session # 8.

14.30 - 14.45 Using telemedicine to promote patient education and self-management

14.45 - 15.00 Moving forward • R. Make

15.00 - 15.30 Summary of proceedings • R. Goldstein

Where do we go from here?

Moderators: C. Donner, J. Raskin, R. ZuWallack

14.30 - 14.45 Maintaining patient privacy with telemedicine • C. Rabbitt

14.45 - 15.00 Moving forward • R. Make

15.00 - 15.30 Summary of proceedings • R. Goldstein