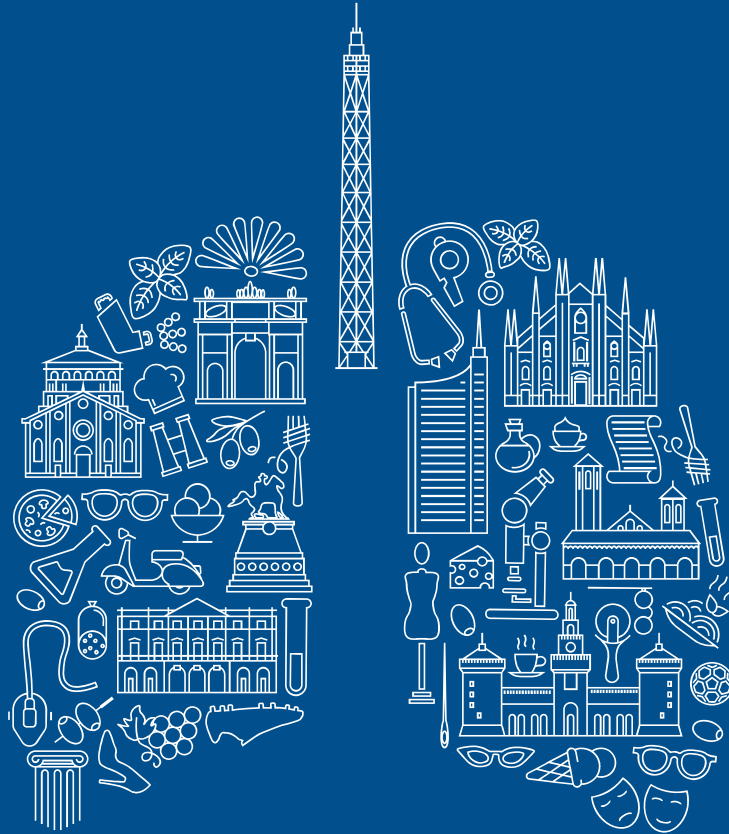




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INTERNATIONAL CONGRESS 2023

MILAN Italy, 9-13 September

PROGRAMME

PA4488 Virtual home-based pre-rehabilitation program in lung transplant candidates
Tania Janaudis-Ferreira (Montréal (QC), Canada), Nicholas Bourgeois, Larry C Lands, Karina Prévost, Charles Poirier

PA4489 Low baseline FVC predicts enhanced risk of CLAD and death in lung transplant recipients
Henrik Mangseth (Oslo, Norway), Michael Thomas Durham, Inga Leuckfeld, Are Martin Holm

PA4490 Functional pattern of baseline lung allograft dysfunction after lung transplantation.
Martin Bon (Cenon, France), Guillaume Verdy, Claire Bon, Elodie Blanchard, Julie Macey, Hadrien Golhen, Clement Boisselier, Benjamin Repusseau, Régis Seramondi, Patrick Reynier, Eline Bonnardel, Christelle Pellerin, Jerome Ridolfo, Eloise Gallo, Pierre Khan, Hadrien Roze, Arnaud Rodriguez, Yaniss Belaroussi, Benjamin Chevalier, Frederic Delcambre, Matthieu Thumerel, Jacques Jougon, Xavier Demant

PA4491 Donor-derived cell-free DNA levels in combined heart-lung transplant recipients using a novel PCR-based assay.
Owais Tisekar (Bangalore, India), Md Moiz Lalani, Vijil Rahulan, Samuel Devi, Manjunath N, Menander M, Manish Sharma, Prabhat Dutta, Sandeep Attawar

PA4492 Longitudinal monitoring of LCI in spirometrically stable lung transplant recipients
Madeleine Driskel (Manchester, United Kingdom), John Blaikley, Karthik Santhanakrishnan, Catherine Fullwood, Rajamiyer Venkateswaran, Alex Horsley

PA4493 Repetitive remote ischemic conditioning (RIC) effect size (ES) on composite indices apropos to primary graft dysfunction (PGD)
Daniel Black (Chermside, Queensland, Australia), Liliana Black, Simon Black

PA4494 Perspectives of an uncontrolled donation after circulatory death lung transplantation program
Alessandro Palleschi (Milano (MI), Italy), Valeria Musso, Alberto Zanella, Letizia Corinna Morlacchi, Valeria Rossetti, Marco Sacchi, Elena Benazzi, Tullia De Feo, Giuseppe Piccolo, Mario Nosotti

PA4495 Machine-learning based BAL cytology of lung transplant patients
Michael Gerckens (München, Germany), Carlo Muemmler, Johannes Strodel, Gerald Burgstaller, Jürgen Behr, Nikolaus Kneidinger

PA4496 End-of-life care for lung transplant recipients: a new role for palliative medicine.
Letizia Corinna Morlacchi (Milano (MI), Italy), Maria Pappalettera, Valeria Rossetti, Ilaria Righi, Francesco Damarco, Mario Nosotti, Roberto Ercole Moroni Grandini, Francesco Blasi

PS-15 in poster area Session 441 12:30 - 14:00

Poster session: Techniques in respiratory physiology

Disease(s) : Pulmonary vascular diseases Airway diseases Interstitial lung diseases Sleep and breathing disorders

Method(s) : Pulmonary function testing Physiology Imaging Epidemiology

Tag(s) : Clinical

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Matthew Rutter (Cambridge (Cambridgeshire), United Kingdom)

PA4497 Evaluating efficiency of autotitrating CPAP (continuous positive airway pressure): role of available tools
Gianni Prest (Imperia (IM), Italy), Chiara Cardani, Serena Garibaldi, Silvia Tamborino, Francesco Balbi, Enrico Perretta

PA4498 Use of a wearable sleep sensor in an OSA clinic: a service evaluation
Rhodri Curtis (Cardiff, United Kingdom), Joleta Hooper-Lee, Alex Perkins

PA4499 Development and validation of novel individualized FeNO cut-offs
Rita Amaral (Porto, Portugal), Tiago Jacinto, Andrei Malinovski, Christen Janson, Bernardo Sousa-Pinto, Anna-Carin Olin, Kjell Torén, Linda Ekerljung, Hannu Kankaanranta, Jörgen Syk, João A. Fonseca, Kjell Alving

PA4500 Xe-MRI bronchodilator response to assess disease severity in patients with asthma and/or COPD
Laurie Smith (Sheffield (South Yorkshire), United Kingdom), Helen Marshall, Alberto Biancardi, Guilhem Collier, Ho-Fung Chan, Dave Capener, Jody Bray, Demi Jakymelen, Laura Saunders, Joshua Astley, Bilal Tahir, Ryan Munro, Oliver Rodgers, James Ball, Paul Hughes, Smitha Rajaram, Andy Swift, Neil Stewart, Graham Norquay, Martin Brook, Leanne Armstrong, Latife Hardakar, Titti Fihn-Wikander, Rod Hughes, Jim Wild

PA4501 Effects of adopting GLI reference equations on lung volumes interpretation
Danny Brazzale (Macleod, Australia), Warren Ruehland, Celia Lanteri, Emma Smith

PA4502 The FIVC should be used as an acceptable substitute for the FVC when evaluating the FVC in neuromuscular disease, experience in a clinical trial for adult myotonic dystrophy (DM)
Kevin McCarthy (Matthews, United States), Carrie Heusner, Phd, Jose Ramos, Dawn Patterson, Phil Lake, Marc Baumle

PA4503 Nebuliser characterisation with saline results in inaccurate methacholine PD20 values.
James Dean (Holmes Chapel, United Kingdom), Dave Singh



EUROPEAN RESPIRATORY *journal*

FLAGSHIP SCIENTIFIC JOURNAL OF ERS



End-of-life care for lung transplant recipients: a new role for palliative medicine.

Maria Pappalettera, Letizia Corinna Morlacchi, Valeria Rossetti, Ilaria Righi, Francesco Damarco, Mario Nosotti, Roberto Ercole Moroni Grandini, Francesco Blasi

European Respiratory Journal 2023 62: PA4496; DOI: 10.1183/13993003.congress-2023.PA4496

Article

Info & Metrics

Abstract

Background: We reviewed the reasons and characteristics of lung transplant recipients (LTR) referred for co-management by palliative care (PC).

Methods: This was a monocentric retrospective study including all adult LTR who were referred to our PC consultation service between 2018 and 2022 for end-of-life care.

Results: 33 patients were considered, 21 males, median age at PC referral 48 (27; 60) years old. 26 LTR were referred for terminal allograft dysfunction of any kind, whilst the rest (7) for neoplasm (see Image 1). The most frequently reported symptoms were: dyspnea (median mMRC 3 (3;4)) with oxygen desaturation on effort (29, 88%) and difficulty with everyday tasks (32, 97%); fatigue (33, 100%) and hyporexia (22, 71%) with weight loss (19, 61%); anxiety and depression (26, 81%). The vast majority of patients were prescribed specific CP medication since the first evaluation: in particular, opioids (30, 94%), pain relievers (18, 69%) and anxiolytics (17, 71%). Based on indication, CP referral for graft dysfunction tended to be earlier than for neoplasm (time from CP referral to death:

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hospitalized patients were generally in more severe conditions (worse PaO₂/FiO₂, respiratory rate and Karnofsky score).

Conclusions: While there is still significant work to be done, our findings support integrating PC in end-of-life management of LTR.

Critically ill patients Quality of life End of life

Footnotes

Cite this article as: European Respiratory Journal 2023; 62: Suppl. 67, PA4496.

This abstract was presented at the 2023 ERS International Congress, in session “Inflammatory endotyping: the macrophage across disease areas”.

This is an ERS International Congress abstract. No full-text version is available. Further material to accompany this abstract may be available at www.ers-education.org (ERS member access only).

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We recommend

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Andrea Zajacova et al., European Respiratory Journal, 2023

Natural history and outcome of lymphangioleiomyomatosis in Ireland

Evelyn Lynn et al., European Respiratory Journal, 2023

Impact of early referral to palliative care in patients with interstitial lung disease

Ana Rodrigo Troyano et al., European Respiratory Journal, 2021

The impact of COVID-19 on long term lung function in lung transplant recipients: a single-center retrospective study

Brice Touilloux et al., European Respiratory Journal, 2023

The last hours in a pulmonology ward: a retrospective look at end-of-life care

Rita Enriquez et al., European Respiratory Journal, 2023

COVID-19 in Liver Transplant Recipients - A Series with Successful Recovery

AshokReddy Choudhury et al., Journal of Clinical and Translational Hepatology, 2020

Helen Salisbury: Death—the great leveller?

Helen Salisbury et al., The BMJ, 2022

Critical Update on the Diagnosis and Management of COVID-19 in Advanced Cirrhosis and Liver Transplant Recipients

Cyriac AbbyRela Philips et al., Journal of Clinical and Translational Hepatology, 2021

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