

MARIA PAOLA ARELLANO-MARIC, *Pneumologist*

- Address: Diagonal Paraguay 362. Piso 6, Santiago - Chile
- Skype: paoarellanomarc • marellano@uc.cl

CERTIFICATIONS

European Diploma in Respiratory Medicine, European Respiratory Society (ERS), 2015
Recognition of post-graduate specialist's qualifications in Europe through the HERMES Examination.

EDUCATION

University Witten/Herdecke, Lung Center Cologne, Germany 2014 - 2016
Research Fellowship

Field: Advanced Respiratory Insufficiency, Home Mechanical Ventilation

*Multicentric Interventional Trial Conducted: 'Obesity Hypoventilation Syndrome Treated With Non-Invasive Ventilation: Can We Switch To CPAP?' (orally presented at ERS Congress 2017)

Tutor: Prof. Dr. Wolfram Windisch

Instituto Nacional del Tórax, Universidad de Chile 2010 - 2012
Fellowship in Respiratory Medicine (Subspecialty)

National Reference Center devoted to resolving complex cases referred nationally such as: interstitial lung disease, chronic thromboembolic pulmonary disease, pulmonary hypertension, lung transplantation

Pontificia Universidad Católica de Chile, Santiago, Chile 2005 - 2008
Residency in Internal Medicine (Specialty)

Top 1 Latin American University in QS ranking 2017

Universidad Nuestra Señora de La Paz, La Paz, Bolivia 1998 - 2004
General Medicine

Richard Wossidlo Gymnasium Waren, Mecklenburg Vorpommern, Germany 1996 - 1997
Exchange Student, Junior year: American Field Service Program (AFS)

WORK EXPERIENCE

University Hospital Pontificia Universidad Católica de Chile, Santiago Aug 2014 -present
Department of Pulmonary Diseases
Assistant Professor - School of Medicine

Responsibilities:

- Clinical research in the field of Home Mechanical Ventilation
- Teaching to medicine students and pneumology fellows
- Provided in and outpatient medical care

Non-Invasive Ventilation Center, Hospital San José, Santiago, Chile
Attending Pulmonologist

Nov 2012 – July 2014

Responsibilities:

- Implemented the hospital's program of home mechanical ventilation

Intermediate Critical Care Unit, Clinica Alemana, Santiago, Chile
Attending Internist (Joint Commission certified)

June 2008 – Sept 2010

COURSES IN THE LAST 4 YEARS

- Thoracic Imaging interactive course. Pontificia Universidad Católica de Chile. Co-director (it counted on the distinguished participation of 3 european radiology professors)
- Research in Respiratory Medicine: Strategies for Success, ERS, Milan
- Noninvasive Ventilation: Basic Concepts. ERS, Hannover
- The Respiratory Global Research and Training (GREAT) Network, Epidemiology, Biostatistics. The Hospital for Sick Children, Toronto, Online Course
- Thoracic Imaging, ERS, Barcelona

CONGRESS PARTICIPATION

- ERS Congress; *Oral presentation* of interventional trial 'Obesity Hypoventilation Syndrome Treated With Non-Invasive Ventilation: Can We Switch To CPAP?'. Milan, Italy, 2017
- ERS Congress; *Chairman of Poster Discussion session* "Diagnostic and Therapeutic Challenges in Acute Respiratory Failure". London, UK, 2016
- ERS Congress; *Chairman of Thematic Posters* "Acute Critical Care: COPD, Muscles and Weaning". Amsterdam, Netherlands, 2015
- 4th CEE Ventilation Experts Meeting; *Speaker*: "The Role of Long-Term Non-Invasive Ventilation in COPD patients". Prague, Czech Republic, 2015
- 23rd Congress of the German Home Mechanical Ventilation Society (DIGAB), *Speaker* "Home Mechanical Ventilation in Chile". Düsseldorf, Germany, 2015
- 41st International Conference on Home Mechanical Ventilation (JIVD), *Speaker* "NIV for COPD Patients: Where We Are Now". Lyon, France, 2015

ACHIEVEMENTS

2016: Successfully organized the donation of 18 noninvasive Ventilators from University Medical Hospital Groningen, Holland to Chile.

2014: Successfully organized the donation of 100 noninvasive Ventilators and 200 masks from Germany to Chile.

LANGUAGE SKILLS

- Spanish; Native
 - English; Advanced
 - German; Speaking: advanced, written: medium high
-

PUBLICATIONS

Arellano-Maric MP, Gregoretti C, Duivermann M, Windisch W.
Long-Term Volume-Targeted Pressure Controlled Ventilation: Sense or Nonsense? *ERJ* 2017
22;49(6). pii: 1602193

Duivermann M, *Arellano-Maric MP, Windisch W.*
Long-Term Noninvasive Ventilation in Patients with Chronic Hypercapnic Respiratory Failure:
Assisting the Diaphragm, but Threatening the Heart? *Curr Opin Pulm Med* 2016 Mar;22(2):130-7

Arellano-Maric MP, Huttman S, Storre I, Windisch W.
Intermittent Noninvasive Ventilation at San José Hospital in Chile: Report of a German Donation.
Pneumologie 2015;69(3):144-6

Duivermann M, Maagh P, Magnet F, Schmoor C, *Arellano-Maric MP, Meissner A, Storre J, Wijstra P,*
Windisch W, Callegari J.
Impact of High-Intensity-NIV on Cardiac Function in Stable Hypercapnic COPD: A Randomized
Cross-Over Trial. *Respir Res* 2017 May 2;18(1):76

Arellano-Maric MP, Schwarz Sarah.
Severe Emphysema and Fibrosis: Pulmonary Talcosis Due to Intravenous Drug Abuse.
Pneumo News Ausgabe Juni 3/2016

Arellano MP, Tapson VF.
Pulmonary Embolism. Treatment Strategies:
Determining Candidacy and Deciding on Therapeutic Courses of Action. *The Endovascular Today*
2012; VTE issue 11

OTHER

Observerships:

Cologne Lung Center, Kliniken der Stadt Köln, DAAD Scholarship - Mentor: Prof. Dr. Wolfram
Windisch

Center for Pulmonary Vascular Disease, Duke University Medical Center, North Carolina, USA
Focus: Pulmonary Hypertension - Mentor: Prof. Dr. Victor F. Tapson