

SOCIEDAD ESPAÑOLA DE NEUMOLOGÍA Y CIRUGÍA TORÁCICA SEPAR



Board of Directors Governing Council

Chair
David de la Rosa Carrillo
(Barcelona)

Deputy Chair and Thoracic Surgeon
José María Matilla González
(Valladolid)

Deputy Chair and Pulmonologist
Carlos Almonacid Sánchez
(Madrid)

Secretary General
Juan Luis García Rivero
(Cantabria)

Vice-Secretary and Treasurer
M. Rosa Cordovilla Pérez
(Salamanca)

Area Coordinators

Asthma Area
José Gregorio Soto Campos
(Cádiz)

Pulmonary Circulation Area
Amaya Martínez Meñaca
(Cantabria)

Thoracic Surgery Area
José Luis Recuero Díaz
(Zaragoza)

Respiratory Nursing Area
Roberto Cabestre García
(Zaragoza)

Diffuse Interstitial Lung Diseases Area
Raquel Pérez Rojo
(Madrid)

Chronic Obstructive Pulmonary Disease Area
Francisco Javier Callejas González
(Albacete)

Occupational and Environmental Lung
Diseases Area
Sandra Dorado Arenas
(Bilbao)

Respiratory Physiotherapy Area
Daniel López Fernández
(Gran Canaria)

Pediatric Pulmonology Area
Carlos Martín de Vicente
(Zaragoza)

Thoracic Oncology Area
José Sanz Santos
(Barcelona)

Respiratory Rehabilitation Area
Pilar Cejudo Ramos
(Sevilla)

Smoking Area
M. Isabel Cristóbal Fernández
(Madrid)

Techniques and Transplantation Area
Alfons Torrego Fernández
(Barcelona)

Tuberculosis and Respiratory Infections Area
Carmen Calero Acuña
(Sevilla)

Sleep Disordered Breathing, Mechanical
Ventilation and Respiratory Critical Care Area
Pedro Landete Rodríguez
(Madrid)

ARCHIVOS DE BRONCONEUMOLOGÍA

Official Scientific Journal of the Sociedad Española de Neumología y Cirugía Torácica SEPAR (Spanish Society of Pulmonology and Thoracic Surgery SEPAR), Asociación Latinoamericana de Tórax ALAT (Latin American Thoracic Association) and Asociación Iberoamericana de Cirugía Torácica AICT (Ibero-American Association of Thoracic Surgery).

Indexed in Excerpta Medica/EMBASE;
Index Medicus/MEDLINE; Current Contents/Clinical Medicine;
ISI Alerting Services; Science Citation Index Expanded;
Journal Citation Reports; SCOPUS; ScienceDirect

Editor-in-Chief

José Luis López Campos (Sevilla)

Associate Editors

Diego Castillo SEPAR

(Barcelona, Spain)

Daniel López Padilla SEPAR

(Madrid, Spain)

Rául Méndez Ocaña SEPAR

(Valencia, Spain)

Luis Seijo Maceiras SEPAR

(Navarra, Spain)

Felipe Villar SEPAR

(Madrid, Spain)

Ana Menezes ALAT

(Ciudad de Pelotas, Brazil)

Hugo Neffen ALAT

(Santa Fe, Argentina)

Rogelio Pérez-Padilla ALAT

(México D.F., Mexico)

Advisory Board Members

Alvar Agustí (Barcelona)

Antonio Anzueto (San Antonio, Texas)

Ferran Barbé (Lérida)

Esther Barreiro (Barcelona)

Isabel Blanco (Barcelona)

Marina Blanco (La Coruña)

Bartolomé Celli (Boston, Massachusetts)

Borja G. Cosío (Palma de Mallorca)

Javier De Miguel (Madrid)

Alberto Fernández Villar (Vigo)

Francisco García Río (Madrid)

Rafael Golpe (Lugo)

Luis Jara (Sevilla)

David Jiménez (Madrid)

Carlos A. Jiménez Ruiz (Madrid)

Raúl Méndez (Valencia)

Marc Miravittles (Barcelona)

María Molina (Hospitalet de Llobregat)

Xavier Muñoz (Barcelona)

Nuria Novoa (Majadahonda)

Luis Perez De Llano (Lugo)

Vicente Plaza (Barcelona)

Alberto Ruano (Santiago Compostela)

Manuel Sánchez De La Torre (Lérida)

Oriol Sibila (Barcelona)

Juan José Soler Cataluña (Valencia)

Joan B. Soriano (Palma de Mallorca)

Antoni Torres (Barcelona)

Claudia Valenzuela (Madrid)

Editorial Board

Borja Aguinalde (San Sebastián)

Bernardino Alcázar Navarrete (Granada)

Carlos Almonacid (Majadahonda)

Carlos José Álvarez (Madrid)

Francisco Javier Álvarez Gutiérrez

(Sevilla)

Ebymar Arismendi (Barcelona)

Miriam Barrecheguren (Barcelona)

Bryan Benn (Cleveland, Ohio)

Benoit Jacques Bibas (Sao Paulo)

Uxio Calvo (Santiago de Compostela)

José Martín Carreira (Santiago Compostela)

Eusebio Chiner (Alicante)

David De La Rosa (Barcelona)

Roberto Del Pozo (Huelva)

Carmen Diego (Ferrol)

Javier Flandes (Madrid)

Mirella Gaboli (Sevilla)

Eva María García Fontán (Vigo)

Ricardo García Luján (Madrid)

José María García-García (Asturias)

Raul Godoy (Albacete)

Luis Gorospe (Madrid)

Lucía Hernández (Baracaldo)

Luis Manuel Hernández Blasco (Alicante)

José Luis Izquierdo (Guadalajara)

José Javier Jareño (Madrid)

Sara Lojo (Vigo)

Manuel Luján (Sabadell)

Carmen Marrón (Madrid)

Cristina Martínez González (Oviedo)

Miguel Ángel Martínez-García (Valencia)

José María Matilla (Valladolid)

Antonio Moreno Galdó (Barcelona)

Juan José Nieto (Santiago de Compostela)

Íñigo Ojaguren (Barcelona)

Carlos Rábada (Santiago de Compostela)

Juan Antonio Riesco (Cáceres)

José Eduardo Rivo (Santiago de

Compostela)

Julio Sánchez De Cos (Cáceres)

Juan Carlos Trujillo (Barcelona)

Gonzalo Varela (Salamanca)

Ainhoa Viteri (Vitoria)

Ivan Vollmer (Barcelona)

ASOCIACIÓN LATINOAMERICANA DE TÓRAX



Executive Committee

Chair

Andrés Palomar (Mexico)

Chair Elect (Deputy Chair)

Gustavo Zabert (Argentina)

Executive Secretary

Juan Carlos Vázquez (Mexico)

Treasurer

Jorge Salas (Mexico)

Past Chair

Alejandro Casas (Colombia)

ASOCIACIÓN IBEROAMERICANA DE CIRUGÍA TORÁCICA



Governing Board

Chair

J.J. Rivas de Andrés (Spain)

Deputy Chair

R. Aparicio (Chile)

Secretary

R. Andrade (Panama)

Treasurer

R. Jiménez (Spain)



Editing and administration: Elsevier Spain,
S.L.U.
C/ Tarragona, 161 – Planta 15 / 08014 Barcelona.
P.º de la Castellana, 163 / 28046 Madrid.
© Copyright 2024 Sociedad Española
de Neumología y Cirugía Torácica

All rights reserved, including those for text and data mining,
AI training, and similar technologies.

ELSEVIER SPAIN, for the purposes provided for in article
32.1 paragraph two of the current consolidated text of the
law on intellectual property (TRLPI), expressly opposes the
partial or full use of any publication appearing in Archivos de
Bronconeumología for the purpose of preparing press summaries
for commercial purposes.

Any form of reproduction, distribution, public communication or

transformation of this work may only be done with the express
authorization of its owners, except where otherwise provided by
law. Please contact CEDRO (Spanish Center for Reprographic
Rights, www.cedro.org) if you need to photocopy or scan any
part of this work.

No responsibility is assumed by Elsevier or Sociedad Española
de Neumología y Cirugía Torácica for any injury and/or damage
to persons or property as a matter of products liability, negligence
or otherwise, or from any use or operation of any methods,
products, instructions, or ideas contained in the material herein.
Because of rapid advances in the medical sciences, in particular,
independent verification of diagnoses and drug dosages should
be made.

Although all advertising material is expected to conform to
ethical (medical) standards, inclusion in this publication does not
constitute a guarantee or endorsement of the quality.

Annual subscription fee (VAT included)

Professionals: 238.19 €

Institutions: 603.02 €

Prices valid for Spain only

Subscriptions and customer support:

Elsevier España, S.L.U.

C/ Tarragona, 161 – Planta 15. 08014 Barcelona.

Telephone: 93 241 59 60

Email: suscripciones@elsevier.com

Data protection: Elsevier España, S.L.U. declares
that it complies with the provisions of Spanish
Organic Law 3/2018, of 5 December on Personal
Data Protection and Guarantee of Digital Rights
(LOPD-GDD)

Printed in Spain

Legal deposit: B. 4959-1974

ISSN: 0300-2896

Chlorine-free ecological paper

This publication is printed on acid-free paper