

# List of abbreviations

ACE	Angiotensin-converting enzyme
ACOS	Asthma-COPD overlap syndrome
ACQ	Asthma control questionnaire
ACT	Asthma control test
AERD	Aspirin-exacerbated respiratory disease
ANCA	Antineutrophil cytoplasmic antibodies
API	Asthma predictive index
AR	Allergic rhinitis
ATS	American Thoracic Society
ARIA	Allergic rhinitis and its impact on asthma
BC	Bronchoconstriction
BD	Bronchodilatation
BDT	Bronchodilator test
BHR	Bronchial hyperresponsiveness (hyperreactivity)
BMI	Body mass index
C-ACT	Childhood Asthma Control Test
CAN	Asthma Control Questionnaire in Children
CT	Computerized tomography
CO	Carbon monoxide
COPD	Chronic obstructive pulmonary disease
COX	Cyclooxygenase
CPAP	Continuous positive airway pressure
CPG	Clinical Practice Guideline
CRS	Chronic rhinosinusitis
GRAP	Grupo Respiratorio de Atención Primaria (Primary Care Respiratory Working Group)
DPI	Dry powder inhaler
DTCA	Difficult-to-control asthma
EAACI	European Academy of Allergy and Clinical Immunology
ECRHS	European Community Respiratory Health Survey
ELISA	Enzyme linked immunosorbent assay
ERS	European Respiratory Society
ESS	Endoscopic sinonasal surgery

FDA	Food and Drug Administration
FEF <sub>25-75%</sub>	Forced expiratory flow <sub>25-75%</sub>
FENAER	Federación Nacional de Asociaciones de Enfermedades Respiratorias (National Federation of Respiratory Disease Associations)
FEV <sub>1</sub>	Forced expiratory volume in one second
FE <sub>NO</sub>	Fractional exhaled nitric oxide
FIO	Forced impulse oscillometry
FVC	Forced vital capacity
GC	Glucocorticoid
GEMA	Guía Española para el Manejo del Asma (Spanish Guideline on the Management of Asthma)
GINA	Global Initiative for Asthma
GM-GSF	Granulocyte-macrophage colony-stimulating factor
GRAP	Sociedad de Respiratorio de Atención Primaria (Primary Care Respiratory Working Group)
h	hour
HDI	Hexamethylene diisocyanate
HMW	High molecular weight
ICU	Intensive care unit
Ig	Immunoglobulin
IGC	Inhaled glucocorticoid
IgE	Immunoglobulin E
IL	Interleukin
INPECS	Instituto para la Excelencia Clínica y Sanitaria (Institute for Clinical and Healthcare Excellence) (former Iberoamerican Cochrane Center)
ISAAC	International Study of Asthma and Allergy in Childhood
IT	Immunotherapy
i.v	Intravenous
kg	kilogram
LABA	Long-acting $\beta_2$ -adrenergic agonist
L/min	Liter per minute
LAS	Lysine acetylsalicylate
LMW	Low molecular weight
LTP	Lipid transfer protein
LTRA	Leukotriene receptor antagonist
MA	Meta-analysis
MARS-A	Medication Adherence Report Scale for Asthma
MART	Maintenance and reliever therapy
MDI	Methylene diisocyanate
MT/MCT	Methacholine test/methacholine challenge test
mg	milligram
$\mu$ g	microgram
MMAD	Mass median aerodynamic diameter
mmHg	Millimeters of mercury

MMP	Matrix metalloproteinase
NARES	Non-allergic rhinitis with eosinophilia syndrome
NEB	Nebulized
NIMV	Non-invasive mechanical ventilation
NKTL	Natural killer T lymphocyte
NNT	Number needed to treat
NP	Nasal polyposis
NSAID	Non-steroidal anti-inflammatory drug
NSBHR	Non-specific bronchial hyperresponsiveness
O <sub>2</sub>	Oxygen
OA	Occupational asthma
OGC	Oral glucocorticosteroid
OR	Odds ratio
ORL	Otorhinolaryngology
PaO <sub>2</sub>	Partial pressure of oxygen in arterial blood
PaCO <sub>2</sub>	Partial pressure of carbon dioxide in arterial blood
pMDI	Pressurized metered-dose inhaler
PEF	Peak expiratory flow
RADS	Reactive airways dysfunction syndrome
RAST	Radioallergoabsorbent test
RCT	Randomized controlled trial
RF	Rheumatoid factor
Rint	Measurement of airways resistance by occlusion
RR	Relative risk
RS	Rhinosinusitis
SABA	Short-acting $\beta_2$ - agonist
SAHS	Sleep apnea-hypopnea syndrome
SAE	Severe asthma exacerbation
SaO <sub>2</sub>	Arterial oxygen saturation
SBPT	Specific bronprovocation test
SEAIC	Sociedad Española de Alergología e Inmunología Clínica (Spanish Society of Allergology and Clinical Immunology)
SEFAC	Spanish Society of Family and Community Pharmacy
SEFC	Sociedad Española de Farmacología Clínica (Spanish Society of Clinical Pharmacology)
SEICAP	Spanish Society of Clinical Immunology and Pediatric Allergy (Sociedad Española de Inmunología Clínica y Alergia Pediátrica)
SEMERGEN	Society of Primary Care Physicians (Sociedad Española de Médicos de Atención Primaria)
SEMES	Spanish Society of Emergency Medicine and Emergency Care (Sociedad Española de Medicina de Urgencias y Emergencias)
semFYC	Spanish Society of Family and Community Medicine (Sociedad Española de Medicina Familiar y Comunitaria)
SEMG	Spanish Society of General and Family Physicians (Sociedad Española de Médicos Generales y de Familia)

SENP	Spanish Society of Pediatric Pneumology (Sociedad Española de Neumología Pediátrica)
SEORL	Spanish Society of Otorhinolaryngology (Sociedad Española de Otorrinolaringología)
SP	Sinonasal polyposis
SEPAR	Spanish Society of Pneumology and Thoracic Surgery (Sociedad Española de Neumología y Cirugía Torácica)
SEPEAP	Spanish Society of Outpatient and Primary Care (Sociedad Española de Pediatría Extrahospitalaria y Atención Primaria)
SMI	Soft mist inhaler
SUA	Severe uncontrolled asthma
TAI	Test of Adherence to Inhalers
TDI	Toluene diisocyanate
THL	T-helper lymphocyte
TL	T lymphocyte
TLC	Total lung capacity
TNF- $\alpha$	Tumor necrosis factor- $\alpha$
VAS	Visual analogue scale
VCD	Vocal cord dysfunction
WAO	World Allergy Organization
WEA	Work-exacerbated asthma
WRA	Work-related asthma