

**Assessment of Prescription Practices
According to International COPD
Guidelines on Egyptian Patients**

Thesis

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**تقييم مدى تطبيق الإرشادات الدولية لمرضى إنسداد
الشعب الهوائية المزمن على المرضى المصريين**

رسالة

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

لسببائك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدق الله العظيم

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List of Abbreviations

Abbreviation	Detail
AE COPD	: Acute Exacerbation of Chronic Obstructive Pulmonary Disease
BMI	: Body Mass Index
BODE	: Body mass index, Airflow Obstruction, Dyspnea, Exercise capacity
CAT	: COPD Assessment Test
CLD	: Chronic liver disease
CO	: Carbon monoxide
COPD	: Chronic Obstructive Pulmonary Disease
CPAP	: Continuous Positive Airway Pressure
CRF	: Chronic Renal Failure
CT	: Computed tomography
DALYs	: Disability Adjusted Life Years
DM	: Diabetes Mellitus
ECG	: Electrocardiography
ECLIPSE	: Evaluation of COPD Longitudinally to Identify Predictive Surrogate Endpoints
€	: Euro
FDA	: Food and Drug Administration
FEV₁	: Forced expiratory volume in first second
FEV₁/FVC	: Forced expiratory volume in first second/ Forced vital capacity
FVC	: Forced vital capacity
GOLD	: Global Initiative for Chronic Obstructive Lung Disease
GPs	: General practitioners
h	: Hour

HTN	: Hypertension
ICS	: Inhaled corticosteroids
ICU	: Intensive care unit
IgE	: Immunoglobulin E
IgLC	: Immunoglobulin free light chains
ISHD	: Ischemic heart disease
L	: Liter
LABA	: Long acting B2 agonist
LABDs	: Long acting bronchodilators
LAMA	: Long acting muscarinic antagonist
M	: Muscurinic receptor
MBB.CH	: Bachelor of Medicine, Bachelor of Surgery
MD	: Doctor of Medicine
mg	: Milligram
min	: Minute
mL	: Milliliter
mmHg	: Millimeter of mercury
mMRC	: modified British Medical Research Council
n	: Number
NIPPV	: Noninvasive Intermittent Positive Pressure Ventilation
NO2	: Nitrogen dioxide
OPC	: Outpatient clinic
PaCO₂	: Arterial partial pressure of carbon dioxide
PAH	: Pulmonary artery hypertension
PaO₂	: Arterial partial pressure of oxygen
PCPs	: Primary care physicians
PDE	: Phosphodisterase inhibitors enzyme
pH	: hydrogen ion (H ⁺) concentration
SABA	: Short acting B2 agonist

SABDs	: Short acting bronchodilators
SAMA	: Short acting muscarinic antagonist
SaO₂	: Saturation level of oxygen in hemoglobin
SD	: Standard deviation
SO₂	: Sulfur dioxide
SPSS	: Software package for statistical analysis
TLC	: Total lung capacity
UK	: United Kingdom
US	: United state
USA	: United state of America
WHO	: World Health Organization
µg	: Microgram

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