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LIST OF ABBREVIATION

BMI	: Body Mass Index
CDC	: Centers for disease control and prevention
CD4 ⁺	: Lymphocyte
COPD	: Chronic Obstructive Pulmonary Disease
CO ²	: Carbon Dioxide
DAPT	: Long term post stenting dual antiplatelet therapy
ETS	: Environmental tobacco smoke
FVC ¹	: Maximal amount of air you can forcefully exhale in 1 second
FVC ¹ /FVC	: Calculated ratio used in the diagnosis of obstructive and restrictive lung disease
FVC	: Forced volume vital capacity
IgE	: Imunoglobulin E
IB	: Index Brinkman
MMP-9	: Matrix metallopeptidase 9
NCFA	: Neutrophil Chemotactic Factor of Anaphylaxis
NO ²	: Nitrogen dioxide
O ²	: Oxygen
PaCO ²	: Partial pressure of carbon dioxide
PFTs	: Pulmonary function test
pH	: Hydrogen potensial (acidity)
SO ²	: Sulfur dioxide
US\$: United state dollar
USA	: United stated of America
VOCs	: Volatile organic compounds
WHO	: World Health Organization
y.o	: Years old

**THE CHARACTERISTIC OF CHRONIC OBSTRUCTIVE PULMONARY
DISEASE PATIENTS IN DR.SOETOMO HOSPITAL SURABAYA YEAR**

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