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LIST OF ABBREVIATIONS

ADP	: Adenosine di-phosphate
ALI	: Acute lung injury
ARDS	: Acute respiratory distress syndrome
ATP	: Adenosine tri-phosphate
BMI	: Body mass index
CABG	: Coronary Artery Bypass Graft
CCO₂	: Carbon dioxide content
CK-MB	: Creatin Kinase MB fraction
CO₂	: Carbon dioxide
CPB	: Cardiopulmonary bypass
DO₂	: Delivery of Oxygen
ECG	: Electrocardiogram
HCO₃	: Bicarbonate
HF	: Heart failure
ICU	: Intensive Care Unit
LVEDP	: Left Ventricular End Diastolic Pressure
LVEDV	: Left Ventricular End Diastolic Volume
MI	: Myocardial infarction
mmHg	: Millimeters of Mercury
mmol/l	: Millimole per liter
NO	: Nitric Oxide
O₂	: Oxygen
PAC	: Pulmonary artery catheter
P_ACO₂	: Partial pressure of Carbon dioxide in arterial blood
PCIS	: post cardiac injury syndrome
PCO₂	: Central venous to arterial Carbon dioxide gradient Δ

P_{CVCO_2}	: Central venous Carbon dioxide partial pressure difference
$P_{V-A}CO_2$: Mixed veno-arterial Carbon dioxide partial pressure difference
P_VCO_2	: Partial pressure of Carbon dioxide in venous blood
SAM	: Systolic anterior motion
S_aO_2	: Saturation of Oxygen in arterial blood
$S_{CV}O_2$: Central venous oxygen saturation
SD	: Standard deviation
VCO_2	: Carbon dioxide production
VO_2	: Oxygen production