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List of Abbreviations

ACE	: Angiotensin-converting enzyme
ACS	: Acute coronary syndrome
AHF	: Acute heart failure
ANP	: Atrial Natriuretic peptides
AT1	: Angiotensin type 1
AT2	: Angiotensin type 2
BNP	: Brain Natriuretic peptides
CABG	: Coronary artery bypass grafts
CAD	: Coronary artery disease
cAMP	: Cyclic adenosine monophosphate
CD-NP	: Chimeric Natriuretic Peptide
cGMP	: Cyclic guanosine monophosphate
CHF	: Chronic heart failure
CSA	: Central sleep apnea
ECMO	: Extra corporeal membrane oxygenation
ETA	: Endothelin A receptor
ETB	: Endothelin B receptor
HF	: Heart failure
HfpEF	: Heart failure with preserved ejection fraction

List of Abbreviations

h-UCN2	: Human urocortin 2
IABC	: Intra-aortic balloon counterpulsation
LMWH	: Low molecular weight heparin
LV	: Left ventricle
LVAD	: Left ventricle assist devices
MI	: Myocardial infarction
MIBG	: Metaiodobenzylguanidine
MR	: Mitral regurgitation
NE	: Norepinephrine
PCI	: Percutaneous coronary intervention
PCWP	: Pulmonary capillary wedge pressure
PDE	: Phosphodiesterase enzyme
PEEP	: Positive end-expiratory pressure
PI	: Persistent ischaemia
RAS	: Renin angiotensin system
SERCA-2	: Stimulating sarcoplasmic reticulum calcium ATPase isoform-2
UFH	: Unfractionated heparin
VSD	: Ventricular septal defect
β-AR	: β-adrenergic receptors

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Introduction





Aim of the Essay





Chapter (1)

Pathophysiology of Acute Left Ventricular Failure





Chapter (2)

Causes and Risk Factors of Acute Left Ventricular Failure





Chapter (3)

Pharmacological Treatment of Acute Left Ventricular Failure





Chapter (4)

Non Pharmacological Treatment of Acute Left Ventricular Failure





Summary





References





Arabic Summary





Updates in pharmacological and non-pharmacological treatment of acute left ventricular failure

Essay

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