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List of Abbreviations

ABC study	Anemia and Blood Transfusion in Critical Care
ACD	.....	Anemia of Chronic Disease
ADL	.....	Activities of Daily Living
APACHE	.....	Acute Physiological and Chronic Health Evaluation
ATICS study	.....	Audit of Transfusion in Intensive Care in Scotland Study Group
CAP	.....	Community Acquired Pneumonia
CBC	.....	Complete Blood Count
CKD	.....	Chronic Kidney Disease
CLD	.....	Chronic Liver Disease
COPD	.....	Chronic Obstructive Pulmonary Disease
CRIT study	.....	Anemia and Blood Transfusion in the Critically Ill
CVS	.....	Cerebrovascular Stroke
DCL	.....	Disturbed Conscious Level
EPO	.....	Erythropoietin
GDS	.....	Geriatric Depression Scale
Hb	.....	Hemoglobin
HCT	.....	Hematocrit
IADL	.....	Instrumental Activities of Daily Living
IFN-γ	.....	Interferon- γ
IL-1	.....	Interleukin-1
IL-6	.....	Interleukin-6
LODS	.....	Logistic Organ Dysfunction Score
LOS	.....	length Of ICU Stay

 *List of Abbreviations*

MCV	.....	Mean Corpuscular Volume
MI	.....	Myocardial Infarction
MMSE	.....	Mini Mental Status Examination
MODS	.....	Multiple Organ Dysfunction Score
MPM	.....	Mortality Probability Model
NEMS	.....	Nine Equivalents of Nursing Manpower use Score
NHANES	.....	National Health And Nutrition Examination Survey
NICE	.....	National Information for Conservation Education
NSTEMI	.....	Non-ST-Segment Elevation MI
PRBC	.....	Packed Red Blood Cell
QOL	.....	Quality Of Life
RBC	.....	Red Blood Cell
SAPS	.....	Simplified Acute Physiology Score
SD	.....	Standard Deviation
SOFA	.....	Sequential Organ Failure Assessment
STEMI	.....	ST-Segment Elevation MI
TISS	.....	Therapeutic Intervention Scoring System
TNF-α	.....	Tumor Necrosis Factor- α
TRALI	Transfusion-Related Lung Injury
TRICC	Transfusion Requirements in Critical Care Investigators

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Introduction





Aim of the Work





Review of Literature





Chapter 1

Critically Ill Elderly





Chapter 2

Risk Prediction in Elderly Patients





Chapter 3

Anemia in Critically Ill Patients





Subjects and Methods





Results





Discussion

