



Goal Directed Fluid Therapy in Patient Undergoing Major Abdominal Surgery

Essay

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدق الله العظيم

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*Before all, Thanks to **Allah**, The Most Kind
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List of Abbreviations

Abb.	Full Term
ABP	Arterial blood pressure
ACS	Acute compartmental syndrome
ACTH	Adrenocorticotrophic hormone
ADH	Antidiuretic hormone
ANP	Anti-natrurtic peptide
AVP	Arginine vasopressor
CO	Cardiac output
CVP	Central venous pressure
ECG	Electrocardiography
ECV	Extracellular fluid
ERAS	Enhanced recovery after surgery
EVLW	Extravascular lung water
FFA	Free fatty acids
FSH	Follicle stimulating hormone
FTc	Corrected Flow Time
GDT	Goal directed therapy
GEDV	Global End-Diastolic Volume
GH	Growth hormone
HES	Hydroxyethyl starch
IGF	Insulin-like growth factors

Abb.	Full Term
ITBV	Intrathoracic blood volume
ITTV	Intrathoracic thermal volume
IV	Intravenous
IVC	Inferior vena cava
LA	Left atrium
LV	Left venticle
LVEDA	Left Ventricular End-diastolic Area
NS	Normal saline
PAOP	Pulmonary Artery Occlusion Pressure
PPV	Pulse pressure variation
PTV	Pulmonary thermal volume
PVPI	Pulmonary vascular permeability index
RA	Right atrium
RV	Right ventricle
RVEDV	Right ventricular end-diastolic volume
SVV	Stroke volume variation
TSH	Thyroid stimulating hormone

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Introduction





Aim of the Work





Chapter (1)

Benefit of optimization of fluid therapy in major abdominal surgery





Chapter (2)

Goal directed therapy and functional hemodynamic monitoring





Chapter (3)

Evidence based Goal directed therapy





Summary





References

