

Evolution of Nutrition in Critical Care: How Much, How Soon?

Essay

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

لَسْبَّانَكَ لَا عِلْمَ لَنَا
إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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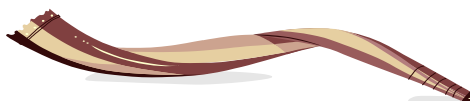
*In the name of **Allah**, most gracious and most merciful.*

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List of Abbreviations

Abb.	Full Term
AA	Amino acid
BMI	Body Mass Index
CCF	Chronic cardiac failure
CCK	Cholecystokinin
CHI	Creatinine-Height Index
COPD	Chronic obstructive pulmonary disease
EN	Enteral nutrition
ICU	Intensive care unit
IGF-1	Insulin-like Growth Factor-1
IVFE	Intravenous fat emulsions
LOS	Length of stay
MAMC	Mid-Arm Muscle Circumference
PCM	Protein-Calorie Malnutrition
PEM	Protein-energy malnutrition
PN	Parenteral nutrition
PPN	Peripheral Parenteral Nutrition
PUFAs	Polyunsaturated fatty acids
RBP	Retinol-Binding Protein
ROS	Reactive oxygen species
TPN	Total <u>parenteral</u> nutrition
TSF	Triceps Skinfold
UUN	Urine Urea Nitrogen

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Introduction





Chapter (1)

Nutritional Status in Critically ill Patients





Chapter (2)

Enteral Nutrition





Chapter (3)

Parenteral Nutrition





Chapter (4)

Selection of Macronutrients and Micronutrients





Summary





References





Arabic Summary

