

PRACTICAL SCHEME FOR MALNUTRITION DEFINITION (Mehta NM et al 2013)

Chronicity	Degree	Etiology	Inflammatory State	Mechanism	Outcome
Acute Chronic	Mild/at Risk Moderate Severe	Illness related Non-illness related	Absent Mild Moderate Severe	Starvation Hypermetabolism Losses Altered assimilation	Lean body mass loss & weakness Cognitive Immune Infections Wound healing Ventilator dependence Hospital/ICU LOS

DEFINITION FOR MALNUTRITION: ONE DATA POINT (AAP, Academy Dietetics and Nutrition)

Primary Indicator	Moderate Malnutrition	Severe Malnutrition
Weight for length (<2 yrs) BMI (>2 yrs)	-2 to -2.9	≤ -3
Height for age		≤ -3
MUAC	-2 to -2.9	≤ -3

DEFINITION FOR MALNUTRITION: ONE DATA POINT

Primary Indicator	Moderate Malnutrition	Severe Malnutrition
Weight gain velocity (<2 yrs)	<50% of the norm	<25% of the norm
Weight loss (>2 yrs)	7.5% BW	>10% BW
Decline in weight for length/BMI	↓ 2 z score	↓ 3 z scores

Age	grams/day (F/M)
0-3 months	28/33
3-6 months	16/17
6-9 months	10/11
9-12 months	8
1-3 years	6-7

WHO median expected weight gain

