

**IMPACT OF NUTRITIONAL STATUS
ON SEVERITY OF
ACUTE RESPIRATORY INFECTIONS**

Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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TO MY FAMILY

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LIST OF ABBREVIATIONS

ABG	Arterial blood gas .
ABGs	Arterial blood gases .
ADH	Antidiuretic hormone .
AMs	Alveolar macrophages .
ARI	Acute respiratory infection .
BE	Base excess .
BMI	Body mass index .
BPD	Bronchopulmonary dysplasia .
C	Complement .
CD3	Antigenic marker on T cell associated with T cell receptor .
CD4	An antigenic marker of suppressor/inducer T cells.
CD8	An antigenic marker of suppressor/cytotoxic T cells.
CIE	Counter - immunoelectrophoresis .
CMI	Cell-mediated immunity .
CPAP	Continuous positive airway pressure .
CRP	C-reactive protein .
DTH	Delayed-type hypersensitivity .
ESR	Erythrocyte sedimentation rate .
FiO₂	Functional concentration of inspired oxygen .
GM-CSF	Granulocyte - macrophage colony stimulating factor .
HCO₃	Bicarbonate .
HDL-C	High density lipoprotein cholesterol .

ICU	Intensive care unit .
IV	Intravenous .
LARI	Lower acute respiratory infection .
LBW	Low birth weight .
LDL-C	Low density lipoprotein cholesterol .
LPA	Latex particle agglutination .
MHC	Major histocompatibility complex .
NK	Natural Killer (cells) .
PaCO₂	Arterial partial pressure of carbon dioxide .
PaO₂	Arterial partial pressure of oxygen .
PCM	Protein - calorie malnutrition .
PDGF	Platlet derived growth factor .
pH	Hydrogen ion concentration .
PHA	Phytohemagglutinin .
PMN	Polymorphonuclear neutrophil .
PO	Per os (by mouth) .
RSV	Respiratory syncytial virus .
SaO₂	Arterial oxygen saturation .
SGA	Small for gestational age .
sIgA	Secretory IgA .
TdT	Terminal deoxynucleotidyl transferase .
TGF	Transforming growth factor .
URI	Upper respiratory infection .
WBC	White blood count .
WHO	World Health Organization .

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