

**Prediction of Early Tolerance to Enteral
Feeding In Preterm Infants by Duplex
Study of Superior Mesenteric Artery**

Thesis

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٢٠١٣



قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم

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Arabic Summary	--
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List of Abbreviations

ANC	: Absolute neutrophil count
ARED	: Absolute or reversed flow
BFV	: Blood flow velocity
BUN	: Blood urea nitrogen
Ca	: Calcium
CBC	: Complete blood picture
CCD	: Coded Duplex sonographer
CDS	: Color Duplex sonographer
CFM	: Color flow mapping
CVP	: Central venous pressure
CW	: Continuous Wave
D	: Day
dl	: deciliter
EBM	: Expressed breast milk
EDFV	: End Diastolic flow velocity
EDV	: End diastolic velocity
ELBW	: Extremely low birth weight
g	: Gram
Grp.	: Group
GRV	: Gastric residual volume
HS	: highly significant
I/O	: Input and Output
IgA	: Immunoglobulin A
IgG	: Immunoglobulin G
IUGR	: Intra uterine growth retardation
IV	: Intravenous
Kcal	: kilocalorie
kg	: kilogram
KHZ	: kilohertz

L : liter

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List of Abbreviations (Cont.)

MEN	: minimal enteral nutrition
Mg	: Magnesium
mg	: milligram
MHZ	: Megahertz
ml	: milliliter
mmol	: millimole
MV	: Mean velocity
Mw/cm	: Milli watt/centimeter
NEC	: Necrotizing enterocolitis
NICU	: Neonatal intensive care unit
NO	: Nitric oxide
NO.	: Number
NPO	: Nothing per os
NS	: Non significant
Oz	: ounce
P	: Phosphorus
PAF	: Platelet aggregating factor
PAF-AH	: Platelet aggregating factor -acetyl hydrolase
PDA	: Patent ductus arteriosus
PDV	: Peak diastolic velocity
PEEP	: Positive end expiratory pressure
PI	: Pulsitivity Index
PSV	: Peak systolic velocity
PW	: Pulsed Wave
RBCs	: Red blood cells
RDS	: Respiratory distress syndrome
RI	: Resistive Index
RVR	: Relative vascular resistance
SGA	: Small for gestational age
Sig	: Significance

SMA : Superior mesenteric artery
St.dv. : Standard deviation

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List of Abbreviations (Cont.)

TAMV : Time average mean velocity
TAV : Time average velocity
TPN : Total parenteral nutrition
UAC : Umbilical artery catheter
US : Ultra sound
VLBW : Very low birth weight

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