

**MARKERS FOR RENAL TUBULAR
AFFECTION IN HEALTHY AND SICK PRETERM**

For partial fulfillment
of M.D degree in Pediatrics

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LIST OF ABBREVIATIONS

α_1 M	Alpha-1-microglobulin
AAP	Alanine aminopeptidase
ACOG	American College of Obstetricians and Gynecologists
ANP	Atrial natriuretic peptide
ATP	Adenine triphosphate
AVP	Arginine vasopressin
β_2 M	Beta-2-microglobulin
BBA	Brush border antigen
BPD	Bronchopulmonary dysplasia
BW	Birth weight
CPAP	Continuous positive air way pressure
CO	Cardiac output
CNS	Central nervous system
Cr.	Creatinine
DIC	Disseminated intravascular coagulopathy
FeNa	Fractional excretion of sodium
FHR	Fetal heart rate
GA	Gestational age
GABA	Gamma aminobutyric acid
GBM	Glomerular basement membrane
GFR	Glomerular filtration rate
GSC	Glomerular sieving coefficient
GST	Glutathione-S-transferase
HIE	Hypoxic ischemic encephalopathy
IgA	Immunoglobulin A
IgG	Immunoglobulin G
IPP	Intermittent positive pressure
LMW	Low molecular weight
LAP	Leucine aminopeptidase

LBW	Low birth weight
MSOF	multisystem organ failure
NAG	N-acetyl-B-glucosaminidase
NAG-A	NAG- isoenzyme A
NEC	Necrotizing enterocolitis
NMDA	N-methyl-Di-aspartate
N.S	Non significant
PAP	Positive airway pressure
PCT	Proximal convoluted tubule
PDA	Patent ductus arteriosus
RBP	Retinol binding protein
RDS	Respiratory distress syndrome
ROM	Reactive oxygen metabolites
RPF	Renal plasma flow
SIADH	Syndrome inappropriate antidiuretic hormone secretion
Sig.	Significant
T-NAG	Total NAG
T.P/cr	Total protein / creatinine
TTR	Transthyretin
U.microalb.	Urinary microalbumin / creatinine
/cr.	
VLBW	Very low birth weight
XO	Xanthine oxidase
XOR	Xanthine oxidase reductase

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