

**POLYMORPHONUCLEAR ELASTASE
IN NEONATAL SEPSIS IN EGYPTIAN NEONATES**

M.S. Thesis

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List of abbreviations

- α -1-AT: Alpha -1- antitrypsin.
- α -2-MG: Alpha -2- macroglobulin.
- α -1-PI: Alpha -1- proteinase inhibitor.
- Ante-part. hge: Ante- partum hemorrhage.
- APC: Antigen producing cells.
- ASD: Atrial septal defect.
- ATIII: Antithrombin III.
- B-N-Menigitidis: Group B- Neisseria meningitidis.
- C3: Complement 3 .
- CIE: Countercurrent immunoelectrophoresis.
- CNS: Central nervous system.
- CRP: C - reactive protein.
- CSF: Cerebro-spinal fluid.
- 1D: One day.
- DIC: Disseminated intravascular coagulation .
- DM : Diabetes mellitus .
- E.Coli.: Escherichia Coli.
- EDTA: Ethylene diamine tetra-acetic acid.
- ELP: Elastase like proteinase.
- ESR: Erythrocyte sedimentation rate.
- ETI: Endo-tracheal intubation.
- ETT: Endo-tracheal tube.
- F: Female.
- Fc: Crystallized fragment.
- FSPs: Fibrin split products.
- GBS: Group B-streptococci.
- Hb %: Haemoglobin percent.
- HDN: Haemolytic diseases of the newborn.
- H-influenza: Hemophilus influenza.
- HIE: Hypoxic ischemic encephalopathy.

- **HNE:** Human neutrophil elastase.
- **HSM:** Hepato-splenomegaly.
- **I.D.:** In diameter.
- **IDM:** Infant of diabetic mother.
- **IG:** Immunoglobulin.
- **IMAC:** Immunoactivation.
- **IMV:** Intermittent mandantory ventilation.
- **I/T:** Immature / total.
- **IUGR:** Intra-uterine growth retardation.
- **KD:** Kilo Dalton.
- **ITI:** Inter- α -trypsin inhibitor.
- **I.V.:** Intravenous.
- **IVI:** Intravenous immunoglobulin.
- **LTB₄:** Leukotreine B₄.
- **M:** Male.
- **MAS:** Meconium aspiration syndrome.
- **MPI:** Mucus proteinase inhibitor.
- **MPO:** Myelo-peroxidase.
- **MW:** Molecular weight.
- **NADPH oxidase:** Nicotinamide adenosine dinucleotide phosphate oxidase.
- **NEC:** Necrotizing enterocolitis.
- **NICU:** Neonatal intensive care unit.
- **NK:** Natural killer.
- **NPV:** Negative predictive value.
- **NSP:** Neutrophil storage pool.
- **PA:** Perinatal asphyxia.
- **PAF:** Platelet activation factor.
- **PC:** Personal computer.
- **PDA:** Patent ductus arteriosus.
- **PEEP:** Positive end expiratory pressure.
- **PMNs:** Polymorphonuclear leukocytes.

- **PPV:** Positive predictive value.
- **PROM:** Premature rupture of membranes.
- **PT:** Preterm.
- **PT:** Prothrombin time.
- **PTT:** Partial thromboplastin time.
- **RBCs:** Red blood cells.
- **RD:** Respiratory distress.
- **SD:** Standard deviation.
- **TGVs:** Transposition of great vessels.
- **TLC:** Total leukocytic count.
- **TPN:** Total parenteral nutrition.
- **UTI:** Urinary tract infection.
- **VLBW:** Very low birth weight.
- **WBCs:** White blood cells.
- **ZSR:** Zeta sedimentation rate.

List of Tables

* Review of literature:

1	Defense mechanisms against infectious pathogens	4
2	Characteristics of neutrophil in newborn compared with adult.	14
3	Oxidative metabolic response of PMNs.	15
4	The microbiology of neonatal sepsis between 1979 and 1988 at Yale New Haven Hospital.	18
5	The predominant causative organisms of neonatal sepsis.	19
6	Distribution by age of 270 positive cultures at Yale New Haven Hospital (1979 to 1988)	20
7	Clinical signs and symptoms of sepsis in neonate	26
8	The positive and negative predictive value of commonly 39 ordered laboratory tests.	36
9	The reference value for neutrophilic cells in healthy neonates.	40
10	Deviation of hematologic scores according to hematologic scoring system.	40
11	Sepsis score.	47
12	The doses and frequency of administration of the various chemotherapeutic agents used in treatment of neonatal sepsis.....	51
13	The commonly used inotropes, vasoconstrictors, and vasodilators used in neonatal shock.....	52
14	Natural elastase inhibitors of human origin.	70

*** RESULTS:**

15	Comparison between the cases and control groups considering the gestational age.	78
16	The sex distribution among our population	78
17	The birth weight of the cases and control groups.	79
18	The level of elastase measured in cases and control groups.	80
19	The level of elastase in cases (survivors and non-survivors).	81
20	Comparison between cases with RD and cases without RD as regards the level of elastase.....	82
21	Comparison between cases with perinatal asphyxia as regards the level of elastase.	82
22	Comparison between cases with M.A.S. and those without M.A.S. as regards the level of elastase.	83

