

L- Selectin in Early Neonatal Sepsis

Thesis

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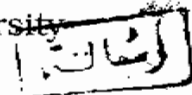
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List of Abbreviations

- AFIS : Amniotic fluid infection syndrome.
- BPI : Bactericidal or permeability - increasing protein.
- CAMs : Cell adhesion molecules.
- CBC : Complete blood cell count.
- CD : Cluster of differentiation.
- CNS : Central nervous system.
- CRP : C- reactive protein.
- C. S. : Cesarean section.
- CSF : Cerebrospinal fluid.
- CT : Computerized tomography.
- C₃d : d fragment of the 3 rd. component of complement.
- CTL : Cytotoxic T-lymphocyte.
- C° : Degree centigrade (or degree celcius).
- DIC : Disseminated intravascular coagulation.
- DREG : Down - regulating antigen.
- E α_1 PI : Elastase - alpha -1 proteinase inhibitor.
- ECMR : Extracellular matrix receptor.
- E. Coli : Escherichia coli.
- EGF : Epidermal growth factor.
- ELAM : Endothelial leucocyte adhesion molecule.
- ELISA : Enzyme.linked immunosorbent assay.
- Eosino. : Eosinophils.
- ESR : Erythrocyte sedimentation rate.
- Fem. : Female.
- Fig. : Figure.
- FNR : Fibronectin receptor.
- g. : Gram.
- G.A. = gest.age : Gestational age.

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- GBS : Group B streptococcus(streptococci).
 - G-CSF : Granulocyte - colony stimulating factor.
 - g/dl : Gram per decilitre.
 - GIT : Gastrointestinal tract.
 - GMP : Granular membrane protein.
 - gp : Glycoprotein.
 - GPI : Glycosyl phosphatidyl inositol.
 - gran. : Granule (s).
 - Hb : Hemoglobin, Hemoglobin concentration.
 - Hct. : Hematocrite.
 - HIV : Human immune-deficiency virus.
 - hr. : Hour.
 - H.S. : Highly significant
 - H.S.S. : Hematological scoring system.
 - H₂O₂ : Hydrogen Peroxide.
 - ICAM : Intracellular adhesion molecule.
 - iC₃b : Inactivated fragment of the 3rd. component of complement.
 - IFN : Interferon.
 - Ig : Immunoglobulin.
 - IGSF : Immunoglobulin superfamily.
 - IL : Interleukin.
 - IL-1Ra : Interleukin-1 receptor antagonist .
 - IM : Intramuscular.
 - I/M : The ratio of immature to mature neutrophils.
 - Imm. : Immature.
 - I/T : The ratio of immature to total neutrophils.
 - IUGR : Intrauterine growth retardation.
 - IV : Intravenous.
 - IVIG : Intravenous Immunoglobulins.
 - KDa : Kilodalton.

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- LAM : Leucocyte adhesion molecule.
 - LECAM : Lectin adhesion molecule.
 - LFA : Lymphocyte function antigen.
 - LPEM : Lymphocyte Peyer's patch high endothelial
venules adhesion molecule.
 - LRI : Leucocyte response integrin.
 - LT : Leukotriene.
 - Lymph. : Lymphocytes.
 - MadCAM : Mucosal addressin cell adhesion molecule.
 - MAS : Meconium aspiration syndrome.
 - mg / kg : Milligram per kilogram.
 - min. : Minute.
 - mm³ : Cubic millimeter.
 - mmol/L. : Millimol per litre.
 - mono. : Monocytes.
 - µL : Microlitre.
 - NCAM : Neural cell adhesion molecule.
 - NEC : Necrotizing enterocolitis.
 - Neutroph. : Neutrophils.
 - ng/ml. : Nanogram per millilitre.
 - NICU : Neonatal intensive care unit.
 - NO : Nitric oxide.
 - N. S. : Non-significant.
 - O₂ : Oxygen molecule.
 - PADGEM : Platelet activation dependent granule external
membrane protein.
 - PECAM : Platelet endothelial cell adhesion molecule.
 - % : Percent.
 - Perc. : Percentile.
 - Plat. : Platelet (s).
 - PNL : Polymorphonuclear leucocytes.

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- PO : Per os.
 - PROM : Premature rupture of membranes.
 - RBCs : Red blood cells.
 - RDS : Respiratory distress syndrome.
 - Retic. : Reticulocyte (s).
 - S. : Significant.
 - sCD : Soluble cluster of differentiation.
 - S.D. : Standard Deviation.
 - sec. : Second.
 - sLe^x : Sialylated form of the blood group determinant
Lewis X.
 - sL - selectin : Soluble L-selectin.
 - S.S. : Sepsis score.
 - Th : Helper T lymphocytes.
 - TLC : Total Leucocytic count.
 - TNF : Tumour necrosis factor.
 - TORCH : Toxoplasma, Others, Rubella, Cytomegalovirus,
and Herpes simplex virus.
 - UTI : Urinary tract infection.
 - VCAM : Vascular cell adhesion molecule.
 - V. D. : Vaginal delivery.
 - VLA : Very late antigen.
 - VNR : Vitronectin receptor.
 - Wt. : Weight.

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