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**COMPARATIVE EFFICACY OF DEFEROXAMINE
AND SALICYL HYDROXAMIC ACID IN THE
TREATMENT OF IRON INTOXICATION**

Thesis

Submitted in the Partial Fulfillment of M.D. Degree
in Clinical Toxicology

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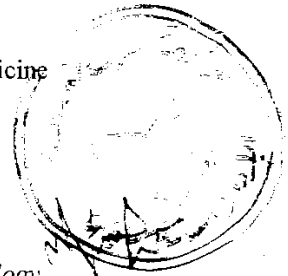
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LIST OF ABBREVIATIONS

| | |
|-----------------|--|
| A ^o | Angesteron |
| ACTH | Adrenocorticotrophic hormone |
| ALA | δ -amino levulinic acid |
| ALP | Alkaline Phosphatase |
| ALT | Alanine Transaminase |
| AST | Asparate Transaminase |
| ATP | Adenosine Triphosphate |
| BP | British Pharmacopoeia |
| BUN | Blood Urea Nitrogen |
| CAVH | Continuous Arterio Venous Hemofiltration |
| CBC | Complete Blood Picture |
| CNS | Central Nervous System |
| CVS | Cardiovascular System |
| DFO | Deferoxamine |
| DPG | Diphosphoglycerate |
| EDTA | Ethylene Diamine Tetra-acetic Acid |
| Fe ² | Ferrous Ion |
| Fe ³ | Ferric Ion |
| FO | Ferrioxamine |
| g | Gram |
| GIT | Gastrointestinal Tract |
| Hb | Hemoglobin |
| Hrs | Hours |

| | |
|----------|---|
| IMI | Intramuscular Injection |
| IPI | Intraperitoneal Injection |
| IRE.BP | Iron Responsive Element Binding Protein |
| K_a | Affinity Constant |
| Kg | Kilogram |
| LDL | Low Density Lipoprotein |
| LIP | Labile Iron Pool |
| Mr | Relative Molecular Mass |
| mg | Milligram |
| MRI | Magnetic Resonance Imaging |
| MPS | Mucopolysaccharides |
| OH | Hydroxyl Radical |
| RBCs | Red Blood Cells |
| RES | Reticulo Endothelial System |
| SC | Subcutaneous |
| SHAM | Salicyl Hydroxamic Acid |
| SI | Serum Iron |
| TF. sat. | Transferrin Saturation |
| TIBC | Total Iron Binding Capacity |
| TLC | Total Leucocytic Count |
| USP | United States Pharmacopoeia |
| WBCs | White Blood Cells |