

CHAPTER ONE: EXECUTIVE SUMMARY

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- Blood Typing and Testing for Diseases
 - Blood Typing
 - Blood Testing
- Blood Storage And Processing
- Blood Transfusions
- Blood Management And Safety Issues
- Synthetic Blood Products
- Blood Products Market
- Blood Testing And Typing Products Market
- Plasma and Blood Collection Equipment Market
- Synthetic Blood Products Market

CHAPTER TWO: OVERVIEW

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- Current Blood Industry Issues
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- Changes from Health Care Reform
- Demographic Shifts
- Blood and its Components
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- Immunoglobulin Products
- Blood Transfusions
- Diseases Contracted from Blood Transfusions and Related Identification Testing
- Transfusion-Associated Risks
- Efforts to Create a Virus-Free Blood Supply
 - Plasma Treatment
 - Platelet Treatment
 - Viral Inactivation Methods for Viruses Found in Platelets
 - Red Blood Cell Treatments
- Synthetic Blood Products
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- Hemoglobin Based Oxygen Carriers
- Perflurocarbon (PFC) Based Blood Products
- Factor Products for Hemophilia A
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CHAPTER THREE: THE BLOOD MANAGEMENT SYSTEM: BLOOD COLLECTION, PROCESSING AND USE

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- Organizations Collecting Blood
- Not For-Profit Blood Collection
- Red Cross
- Community Blood Banks
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- Other Blood Collection Sites
- For-Profit Blood Collection
- National Donor Deferral Registry
- Donor Donation Demographics
- Donor Recruitment
- Blood Screening and Evaluation
- Methods for Collecting Blood from Donors
- Manual Blood Collection
- Automated Blood Collection
- Worldwide Annual Blood Collection by Component
- Plasmapheresis
- Red Blood Cell Apheresis
- Cord Blood Collection
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- Plasma Fractionators
- Distributors/Brokers
- Blood Typing and Testing for Diseases
- Blood Testing
- Comparison of Direct and Indirect ELISA Tests
- Costs and Other Barriers
- Blood Storage
- Blood Processing
- Cohn Fractionation
- Results of Cohn Fractionation Method
- Newer Fractionation Methods
- Plasma Proteins of Therapeutic Interest
- Advanced Fractionation Methods
- Cascade Plasma Fractionation
- Automated Fractionation
- Blood Transfusions
- Types of Transfusions
- Packed Red Blood Cells

- Platelets
- Leukocytes
- Fresh Frozen Plasma (FFP)
- Cryoprecipiti
- Immune Serum Globulin/IMIG/IGIV
- FactorVIII
- Factor IX and Factor IX Complex
- Factor VIIa
- C1 Inhibitor
- Fibrin/Thrombin
- Therapeutic Apheresis
- Blood Management Issues
- Availability
- Safety Issues
- Reducing Blood Typing Errors
- Improving Donor Screening
- Improving Viral Screening
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- Increasing Voluntary Donation
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- Driving Forces of the Human Blood Industry
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- Market Size
- Changing Patterns of Transfusion Procedures
- Leukocyte Reduction
- Types of Autologous Donations
- Pricing of Blood
- National Blood Exchange
- RBCs and Leukoreduced RBCs
- Washed Red Blood Cells
- Deglycerolized Red Blood Cells
- Single-Donor Platelets and Random-Donor Platelets
- Fresh Frozen Plasma and Pooled Frozen Plasma
- Cryoprecipitate
- Granulocytes
- Gamma-Irradiated Blood
- Average Cost of Transfusion
- Plasma and Plasma Derived Products
- Immunoglobulins
- Alpha-1 Proteinase Inhibitors

- Fibrin Sealants
- Clotting Factors and Factor VIIa

CHAPTER FIVE: THE BLOOD TESTING AND TYPING MARKETS

- Blood Testing Products for Donor Screening
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vMarket Participants

- Blood Typing Products
- Market Size
- Market Participants
- Plasma and Blood Collection Equipment
- Market Size
- Market Participants

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- Oxygen Carrier Market
- Synthetic Blood Products in Clinical Development
- Hemopure (OPK Biopure)
- Oxygent (Alliance Pharmaceutical)
- Oxycyte (Oxygen Biotherapeutics)
- PHER-O2 (Sanguine)
- Hemospan (Sangart)
- Advate (Baxter)
- Recombinant Factors
- Stem Cell Approaches
- Other Research Initiatives
 - Jerome H. Holland Laboratory
 - Immune Disease Institute
 - National Blood Foundation

CHAPTER SEVEN: TOTAL BLOOD PRODUCTS MARKET

- The Blood Products Industry
- Market Size

CHAPTER EIGHT: COMPANY PROFILES

- AABB
- Abbott Laboratories
- Alliance Pharmaceutical Corp

- America's Blood Centers
- American Red Cross
- Baxter International
- Bio-Rad Laboratories
- BioTime Inc.
- CSL BEHRING
- Gen-Probe Inc.
- Fenwal
- Grifols Biologicals, Inc.
- JP Laboratories Inc.
- Novartis Diagnostics
- Novo Nordisk A/S
- OPK Biopure
- Perftoran
- Sanguine Corp.
- Oxygen Biotherapeutics
- Talecris Biotherapeutics