



## TABLE OF CONTENTS

### FUNDAMENTALS IV THERAPY

Section	Heading	
Section 1	Rationale for Parenteral (Intravenous and Intramuscular) Vitamin and Mineral Therapy	
	Laboratory Test Considerations for I.V. Therapy	
	Intravenous Solutions, Osmolarity, Types of Solutions, Osmolarity & Drip Rate Calculations, IV Definitions	
	Osmolarity table	
Section 2	Quick Assessment Guide for Fluid Balance	
	Fluid Balance – Principles of Fluid Balance	
	Factors Affecting Stability of IV Drugs and Solutions	
	Incident & Emergency Protocol	
	Procedure for use of oxygen	
	Incident & Accident Report	
	Emergency Medical Equipment List	
	Vasovagal vs. Anaphylactic Reactions	
	Treatment of Anaphylactic Reactions	
	Emergency Protocols for IV Therapy	
	Emergency Drugs	
	Homeopathic Chart for IV Therapy	
Section 3	Complications of IV Therapy	
	Aseptic Technique & IV Therapy Infection Control in IV Therapy	
	Blood Borne Pathogens – Exposure Control Plan	
Section 4	Parenteral Vitamins and Minerals	
	Documentation and practice guidelines of IV Therapy	
	Consent & Authorization for Intravenous Therapy Procedures	
	IV Therapy Intake Form	
	IV Treatment Record Example – Blank	
	IV Policies and Procedures	
	Introduction to Parenteral Injections: Administering Intramuscular Z-Track Injections	

### CLINICAL APPLICATIONS OF IV THERAPY

Section	Heading	
Section 1	Parenteral Amino Acids	
	Therapeutic application of Amino Acid Therapy	
	Intravenous Phosphatidylcholine	
	Alpha lipoic Acid	
	Intravenous Hydrogen Peroxide	
	Parenteral Botanical Extracts	
	Dimethyl Sulfoxide -DMSO	
	Methylsulfonylmethane MSM	
	Intravenous Therapy Protocols	
Appendix	Parenteral Products Suppliers	
	Reference Books & Journals	
	Journal Articles	
	Common Medical Abbreviations	



## Practical Applications Of IV Therapy

	Schedule	
Section 1	Asceptic, clean and sterile technique	
	Infection Control	
	IV Equipment	
	IV Placement/Site selection	
	Central lines	
	IV Set up Procedure and Label reading	
	IV Start Procedure	
	Anesthesia	
	Safe and Effective Withdrawal from Vials	

## Protocols

Chloride

Sulfate