

# **CONTENTS**

---

<b>1. From Here and There</b>	<b>1-9</b>
• Standard Hospital	2
• Measurements, Temperatures,	3
• Fever	4
• Pulse Types, Variations	5
• Respiration Types and Variations.	7
• Blood Pressure	8
• Neurological Examination	9
<b>2. Clinical Studies</b>	<b>10-18</b>
• Urine	10
• Motion	12
• Conditions in the Mouth	12
• Types of Diets	13
• Tube Feedings.	14
• Calculation of Milk Formula	14
• Exercises and Types.	15
• Enema or Clysis and Types	16
<b>3. Physiological or Primary Effect of heat and Cold</b>	<b>19-21</b>
<b>4. Comparative Studies</b>	<b>22-29</b>
<b>5. Neurological Assessment</b>	<b>30-39</b>
<b>6. Reasoning</b>	<b>40-53</b>
<b>7. Special Procedures</b>	<b>54-75</b>
• Central Venous Pressure	54
• Right Arterial Pressure	55
• Pulmonary Artery Pressure	56
• Pulmonary Capillary Wedge Pressure	57

x Nursing at a Glance

---

- Measurement of Cardiac Output by Thermodilution Method 57
- Cardiac Index 59
- Respiratory Tidal Volume 59
- Compressed Spectral Array 59
- Neurometric Monitors 59
- Intraoperative Monitoring Somatosensory 59
- Ultrasound 60
- CT Scan 63
- MRI 64
- Brain Scan 64
- Cerebral Angiography 65
- Electroencephalography 65
- Positron Emission Tomography 66
- Single Photon Emission Computed Tomography 66
- Evoked Potential Studies 66
- Cerebral Angiography 66
- Inventional Angiography 66
- Lumbar puncture 66
- Cisternal puncture 68
- Myelography and Electromyelography 68
- Bone Scan, Arthroscopy and Arthrocentesis 68
- ECG or EKG 69
- Cardiac Catheterization 73
- Coronary Arteriography and Cardiac Monitoring 74

8. Blood Values 76-89

9. Special Values and Procedures 90-103

- Serum Acid Base Status 90
- Combs' Test 91
- Pace Makers 91
- Erythema neonatorum Toxicum 93
- Diastasis Recti 93
- Postpartum blue 93
- Acrocyanosis 94
- Silver Man's Score 94

---

• Ortolani's Sign _____	94
• Tocolysis _____	94
• "5 Ps" of Neurovascular Assessment _____	94
• Croup _____	94
• Common Knee Injuries _____	94
• Infrared Thermometer _____	94
• Beating Heart Coronary Bypass Surgery _____	95
• Ruptured Heart _____	96
• Painless Surgery For DUB _____	96
• Endometrial Laser Intrauterine Thermotherapy _____	96
• Brain Stroke _____	96
• Contiform _____	97
• Ultrasound and Doppler Methods _____	97
• 87 Access Immuno Assay System _____	98
• Lasik Eye Surgery _____	98
• Guthrie Test _____	100
• GIFT or Gamete Intrafallopian Transfer _____	100
• Mayer-Robitansky-Kyster-Hauser Syndrome _____	100
• Galactorrhea, Galactogogue, Galactacrasia, _____ Galactobolic, Galactocele, Gynandromism, Gilliam's Operation, Haematocolpos, Hidradenoma, Hydropic Abortion	100
• Osteoporosis _____	101
• Deep Brain Stimulation _____	103
<b>10. Differences and Definitions _____</b>	<b>104-114</b>
<b>11. Medical News or Updates _____</b>	<b>115-130</b>
• New Treatment for Cardiac Arrhythmias _____	115
• New Drug Eluting Stent _____	116
• Surgical Weight Loss _____	116
• Cytotron _____	117
• Rotational Field Quantum Magnetic Resonance _____	117
• Surgical Treatment for Menorrhagia. _____	117
• Cochlear Implant _____	118
• Three-dimensional Cardiovascular Carotography _____	118
• A Camera in a Capsule to Find Abnormalities _____ in the Intestines.	119

**xii** Nursing at a Glance

---

• Medical Terms _____	119
• Telemedical Monitor _____	120
• SMS Enabled Pacemaker _____	121
• Pill Dispenser _____	121
• Endoscopic Venous Laser Therapy for Varicose Veins.	121
• Keyhole Surgery for Shoulder Problems. _____	122
• Cord Blood Cell Transplantation _____	122
• Radio Frequency Ablation Therapy for Cancer _____	124
• Corneal Transplantation in Keratoconus. _____	124
• Charles-Bonnet Syndrome _____	125
• Medical Imager for Sub-surface Temperature _____	125
Mapping	
• Enhanced External Counter Pulsation _____	126
• Awake Heart Surgery _____	128
• Restoring Lost Vision Through the Teeth _____	129

<i>Appendix</i> _____	131-133
-----------------------	---------

<i>Index</i> _____	135-140
--------------------	---------