

TABLE OF CONTENTS

Preface.....	III
Chapter 1 Only Relevant Surgical & Medical Conditions (Relevant to Physiotherapy but other than Orthopedics and Neurological Conditions.....	1
Understand About History Taking	1
General Examination of the Patient	4
How to File Case Sheet.....	4
Common Clinical Words.....	5
What is Hypertension.....	5
What is Hypotension.....	7
Diseases of Blood.....	9
What is Anemia.....	9
What is Coagulation.....	27
What is Bleeding disorders	31
What is Hemophilia	33
Respiratory Tract.....	35
What is Pneumonia	35
What is Tuberculosis.....	40
What is Bronchial Asthma?.....	47
What is Chronic Obstructive Pulmonary Disease (COPD).....	50
What is Bronchiectasis.....	51
What is Collapse of Lung (Atelectasis)	53
What is Pneumonitis	56
What is Pleural Effusion	58
What is Pneumothorax.....	61
What is Empyema Thoracis	63
What is Lung Cancer	66
Diseases of GIT, Liver & GB.....	72
What is Reflux	74
What is Esophagitis.....	75
What is Peptic Ulcers.....	76
What is Gastritis.....	78
What is Intestinal Obstruction.....	79

What is Hepatitis.....	81
What is Cirrhosis of liver.....	84
What is Cholecystitis	85
Disease of Heart	87
What is Congestive Heart Failure (CHF).....	87
What is Cardiac Arrest.....	90
What is Ischaemic heart disease (IHD).....	92
What is Rheumatic Heart Disease (RHD).....	94
Congestive Heart Failure (CHF).....	96
Diseases of Urinary tract.....	97
What is Urolithiasis.....	97
What is Benign Prostatic Hyperplasia	99
Endocrine system	101
What is Diabetes mellitus.....	101
What is Hypothyroidism.....	106
What is Hyperthyroidism.....	108
Miscellaneous	111
Hypo Natremia.....	111
Hyper Natremia.....	113
Hypo Kalemia	115
Hyper Kalemia.....	116
Hypo Calcemia.....	117
Hyper Calcemia	119
Infectious diseases	123
What is Tuberculosis (TB).....	123
What is Typhoid.....	126
What is Malaria.....	127
What is Dengue fever.....	129
What is Leprosy	131
What is AIDS	133
What is Amoebiasis.....	135
Burn & Physiotherapy Management of Burn.....	139
What is Rule of Nine.....	145
What is Cerebral Palsy.....	148

Chapter 2 Physiotherapy in Orthopedics, Neurological, Medical, Surgical & Sports Related Conditions	157
Details of Examination of Nervous System	157
What is Stroke.....	177
What is Meningo-encephalitis	181
What is Intracranial Bleed.....	184
What is Head Injury	186
What is Traumatic Paraplegia	190
What is Traumatic Quadriplegia	197
What is Epilepsy	199
What is Facial Nerve Palsy.....	202
What is Parkinsonism	206
What is Myasthenia Gravis	210
What is Motor Neuron Disease (MNDs)	212
What is Guillain-Barré Syndrome?.....	218
What is Ataxia.....	222
Details of Types of Fracture and Basic Principle of Management.....	225
Details of Important Fractures.....	234
Upper Limb Fractures	234
Pelvic Girdle Fractures.....	235
Lower Limb Fractures.....	236
What is Osteoarthritis (OA)	237
What is Rheumatoid arthritis(RA)	242
What is Gouty Arthritis.....	244
What is Ankylosing spondylitis (Bechterew's Disease).....	247
What is Tennis Elbow	251
What is Tenosynovitis	258
What is Plantar fasciitis.....	262
What is Subluxation & Dislocations of Joints	267
Commonly Dislocated Joints	272
What is Osteoporosis	282
What is Osteomalacia?.....	284
What is PIVD.....	287
What is Spondylolisthesis	290
What is Sprains & Strains & their basic principle of management.....	294

What is CTEV.....	299
What is Scoliosis, lordosis, Kyphosis	304
Basic idea of Genu varum, Genu valgum and Genu recurvatum and Cubitus Varus and Valgus and Flexion deformity?.....	313
What is TB of Bone.....	321
What is Osteomyelitis	325
Splints, Orthosis & Prosthesis used in Orthopedics.....	328
Chapter 3 Use of Drugs	340
Use of NSAIDs, Opioid and Analgesics	340
Use of Skeletal Muscle Relaxants	343
Use of Topical Analgesics and Muscle Relaxants	344
Use of Emergency Drugs	347
Chapter 4 Basic Biomedical Engineering and Physics of Machines used in Physiotherapy	350
USG Machine.....	356
TENS (Transcutaneous Electrical Nerve Stimulation)	358
IFT (Interferential Therapy).....	361
Diathermy Machine	364
Tread Mill	365
Infrared (IR) Machine	367
Chapter 5 Nursing Procedures	371
Understanding Vital Sign Recording	371
Understanding Injection Routes.....	373
What is Oxygen Therapy	375
What is Nebulization.....	377
What is IV Infusion.....	377
Care of Unconscious Patient.....	378
Chapter 6 Physiotherapy at a Glance	380
What is Physiotherapy?.....	380
Physiotherapy in Various Fields.....	381
Common Physiotherapy Techniques.....	386
Physiotherapy Exercises	388
Basics of Imaging Techniques	396
References	400