CONTENTS.

DIVISION FIRST.

FIRST PRINCIPLES.

CHAPTER I.—GENERAL CONSIDERATIONS ON OPERATIONS.
Nature of Knowledge Required—Conditions Influencing Success of Operations
—Causes of Danger and Death—Preparations for Operation.—Anæsthetics
—Chloroform—Its Administration—Death from Chloroform—Ether—Local Anaesthesia.—Operation—Incisions—Sutures—After-Treatment.

1—18

CHAPTER II.— AMPUTATIONS AND DISARTICULATIONS.
Amputations—Application of Tourniquet—Four Modes of Amputating—Flap Amputation—Amputation by Rectangular Flaps—Instruments—How to make the Flaps—Sawing the Bone—Ligatures—Simultaneous Amputations
—Structure of a Stump—Artificial Limbs—Morbid Conditions of Stumps—Necrosis—Conical Stumps—Painful and Spasmodic Stumps—Strumous, Malignant, or Fatty Degeneration of Stumps.—Circumstances Influencing Mortality after Amputation—Age—General Health—Hygienic Conditions—Seat of Amputation—Part of Bone—Injury or Disease—Nature of Disease—Time of Performance—Primary and Secondary Amputations—Statistics

18—33

CHAPTER III.—SPECIAL AMPUTATIONS.
Amputations of the Upper Limb—Fingers—Metacarpo-Phalangeal Joints—Thumb—Metacarpal Bones—Wrist—Forearm—Arm—At Shoulder-Joint—
General Results of Amputations of the Upper Limb.—Amputations of the Lower Limb—Foot—Toes—Metatarsal Bones—Chopart’s Operation—Syme’s Disarticulation of the Ankle-Joint—Pirogoff’s Operation—Subastragaloid Amputation—Results of Amputations of Foot—Amputations of the Leg—Flap Amputation—Amputation through the Knee-Joint—Vermale’s Operation—Amputation of Upper and Middle Third of the Thigh—Through the Trochanters—Results of Amputations of Thigh—Amputation at Hip-Joint—Results

33—55

CHAPTER IV.—LOCAL HYPERÉMIA.

55—81
CHAPTER V.—SECONDARY FORMS OF INFLAMMATION.


DIVISION SECOND.

SURGICAL INJURIES.

CHAPTER VI.—EFFECTS OF INJURY.

CONSTITUTIONAL EFFECTS—Shock—Remote Effects—Treatment—Traumatic Delirium.—LOCAL EFFECTS . . . . . . 101—104

CHAPTER VII.—INJURIES OF SOFT PARTS.

CONTUSIONS—Causes—Degrees—Diagnosis—Treatment—Strangulation of Parts.—WOUNDS—How classified.—INCISED WOUNDS—Symptoms—Modes of Union—Treatment.—CONFUSED AND LACERATED WOUNDS—Sloughing—Traumatic Gangrene—Treatment—Indications for Amputation.—BRUSH-BURN—Treatment . . . . . . . . . . . . . . . 105—121

CHAPTER VIII.—GUNSHOT-WOUNDS.

GUNSHOT-WOUNDS IN GENERAL—Circumstances Affecting Character—Nature and Force of Projectile—Direction—Apertures of Entry and Exit—Symptoms—Treatment—Hemorrhage—Extraction of Foreign Bodies—Treatment of Wound—Cases Requiring Amputation.—GUNSHOT-WOUNDS OF SPECIAL BONES AND JOINTS . . . . . . . . . . . . . . . 122—136

CHAPTER IX.—PUNCTURED AND POISONED WOUNDS.

PUNCTURED WOUNDS—Treatment—POISONED WOUNDS—Varieties of—STINGS.—SNARK-BITES—Effects of Snake-Poison—Treatment.—BITES OF RABID ANIMALS—Hydrophobia—Symptoms—Prognosis—Pathology—Treatment.—WOUNDS WITH INOCULATION OF DECOMPOSING ANIMAL MATTER—Causes—Symptoms—Treatment . . . . . . . . . . 136—145

CHAPTER X.—EFFECTS OF HEAT AND COLD.

BURNS AND SCALDS—Local and Constitutional Effects—Prognosis—Mode of Death from Burns—Treatment—Prevention and Removal of Contraction—Warty Cicatrices—Amputation.—Frost-Bite—Local Influence of Cold—Constitutional Effects—Treatment . . . . . . . . . . . . . . . . . . . . . 145—153

CHAPTER XI.—INJURIES OF BLOOD-VESSELS.

INJURIES OF VEINS—Venous Hemorrhage—Diffuse Phlebitis.—INJURIES OF ARTERIES—Contusion—Rupture and Laceration—Wounds, Non-penetrating and Penetrating.—HEMORRHAGE FROM WOUNDED VESSELS—Local Signs—Distinctive Characters of Arterial and Venous—Extravasation—Constitutional Effects—General Treatment—Transfusion of Blood . . . . . . . . . . . . . . . . . . . . . 154—158
CONTENTS.

Chapter XII.—Arrest of Arterial Hemorrhage.


Chapter XIII.—Traumatic Aneurism and Arterio-Venous Wounds.

Traumatic Aneurism—Diffused—Circumscribed.—Arterio-Venous Wounds—Aneurismal Varix—Varicose Aneurism . . . . 186—191

Chapter XIV.—Wounds of Special Arteries.


Chapter XV.—Entrance of Air into Veins.

Air in Veins—Results of Experiments on Animals—Spontaneous Entry in Man—Local Phenomena—Constitutional Effects—Cause—Preventive Treatment—Curative Treatment—Indications to be followed . . . 201—206

Chapter XVI.—Injuries of Nerves, Muscles, and Tendons.

Injuries of Nerves—Contusion—Puncture—Division.—Injuries of Muscles and Tendons—Sprains or Strains—Rupture—Union—Treatment . 207—209

Chapter XVII.—Injuries of Bones and Joints.


Chapter XVIII.—Fracture.

CONTENTS.

CHAPTER XIX.—SPECIAL FRACTURES.

CHAPTER XX.—DISLOCATIONS.

CHAPTER XXI.—SPECIAL DISLOCATIONS.

CHAPTER XXII.—INJURIES OF THE HEAD.

CHAPTER XXIII.—INJURIES OF THE SPINE.

248—284
285—295
295—330
330—362
362—370
CONTENTS.

CHAPTER XXIV.—INJURIES OF THE FACE AND ADJACENT PARTS.


370—374

CHAPTER XXV.—INJURIES OF THE THROAT.


375—390

CHAPTER XXVI.—INJURIES OF THE CHEST.


390—398

CHAPTER XXVII.—INJURIES OF THE ABDOMEN AND PELVIS.


399—413

DIVISION THIRD.

SURGICAL DISEASES.

CHAPTER XXVIII.—ABSCESS.

Abscess Defined—Varieties—Acute or Phlegmonous—Chronic—Cold—Diffuse—Typhomitic or Empysematous—Situation and Size—Effects—Diagnosis—Prognosis—Treatment—Preventive—Of Acute Abscess—Of Chronic Abscess—Incisions—Tapping—Potassa Fusa—Drainage-tubes—Sinus and Fistula—Causes and Structure—Treatment

414—423

CHAPTER XXIX.—ULCERS.

Forms of Ulcer—Healthy or Purulent—Weak—Indolent—Irritable—Inflamed—Sloughing—Varicose—Hemorrhagic—On Mucous Membranes

423—426
CONTENTS.

CHAPTER XXX.—MORTIFICATION OR GANGRENE.


CHAPTER XXXI.—GANGRENOUS DISEASES.

Bed-sores—Treatment.—SLOUGHING PHAGEDENA, OR HOSPITAL GANCRENE—Local Signs—Constitutional Symptoms—Causes—Treatment.—GANGRENOUS STOMATITIS, OR CANCER ORIS—Signs—Treatment.—Boils—Causes—Treatment.—Carbuncle—Signs—Diagnosis—Prognosis—Treatment 436—444

CHAPTER XXXII.—ERYSIPELAS.


CHAPTER XXXIII.—PURULENT INFECTION OR PYÈMA.

Pyèmia defined—Causes—Symptoms—Formation of Purulent Deposits—Diagnosis—Pathology—Treatment . . . . . 461—467

CHAPTER XXXIV.—TUMOURS.


CHAPTER XXXV.—SCROFULA OR STRUMA.

Scrofula defined—Scrofulous Diathesis and Temperament—Strumous Inflammation—Of Skin—Mucous Membranes—Bones and Joints—Glands—Tubercle—Causes of Scrofula—Treatment—Operations in Scrofulous Disease . . . . . . . . . . 505—512

CHAPTER XXXVI.—SYNHILIS.

Syphilis defined.—PRIMARY SYNHILIS.—CHANCRE—Specific Nature—Origin and Progress—Varieties—Simple or Soft—Indurated or True Hunterian—Phagedenic Chancre—Sloughing Chancre or Gangrenous Phage
CONTENTS.

579–615

Chapter XLII.—Aneurisms of the Thorax, Head and Neck, and Upper Extremity.


616–662

Chapter XLIII.—Aneurisms of the Lower Extremity.


663–680

Chapter XLIV.—Aneurism by Anastomosis; and Nevus.


680–692
CHAPTER XLV.—DISEASES OF THE NERVOUS SYSTEM.


CHAPTER XLVI.—DISEASES OF BONE.


CHAPTER XLVII.—STRUCTURAL CHANGES IN BONE.


CHAPTER XLVIII.—DISEASES OF JOINTS.


CHAPTER XLIX.—EXCISION OF JOINTS AND BONES.

Chapter L.—Diseases of the Spine.


Chapter LI.—Disease of the Sacro-Iliac Joint.

Sacro-Iliac Disease—Nature—Pathology—Symptoms—Prognosis—Diagnosis—Treatment.

Chapter LII.—Disease of the Hip-Joint.


Chapter LIII.—Diseases of Synovial Membranes and of Muscles.


Chapter LIV.—Deformities.


Chapter LV.—Diseases of the Head and Neck.

Scalp and Skull—Fungus of the Dura Mater—Nature—Symptoms—Treatment—Fungus of the Skull—Hernia Cerebri—Encephalocele.—Eye and its
CONTENTS.


CHAPTER LVI.—DISEASES OF THE JAWS AND THEIR APPENDAGES.


CHAPTER LVII.—DISEASES OF THE TONGUE AND THROAT.


CHAPTER LVIII.—PLASTIC SURGERY OF THE FACE AND MOUTH.

CONTENTS.


CHAPTER LIX.—OPERATIONS ON THE AIR-PASSAGES AND CHEST.

—TAPPING THE CHEST—In Empyema and Hydrothorax—In Hydrops Pericardii—Drainage-Tubes .......................... 923—935

CHAPTER LX.—DISEASES OF THE BREAST.


CHAPTER LXI.—HERNIA.

Contents.


Chapter LXII.—Special Hernie.


Chapter LXIII.—Intestinal Obstruction.


Chapter LXIV.—Tapping the Abdomen. Tumours of the Groin.

Tapping the Abdomen.—Tumours in the Groin—Varieties—Diagnosis—Pulsating—Non-Pulsating—Reducible—Irreducible—Fluid Tumours—Solid Tumour—Treatment 1032—1033

Chapter LXV.—Diseases of the Large Intestine and Anus.

Chapter LXVI.—Urinary Calculus.

Calculus Deposits and Diatheses.—Lithic Acid Diathesis.—Sediments—Calcii.—Treatment.—Oxalic—Calcii.—Treatment.—Phosphatic.—Varieties of Phosphates.—Calcii.—Treatment.—Xanthine.—Carbonate of Lime.—Cystine.—Stone in the Bladder.—Structure of Calci.—Origin.—Renal Calculi.—Descent.—Treatment.—Vesical Calculi.—Number.—Spontaneous Fracture.—Physical Characters.—Causes.—Symptoms.—Physical Diagnosis of Stone.—Sounding Bladder.—Changes induced by Calculus.—Lithotomy.—Instruments.—Preparation of Patient.—Lateral Operation.—Stages.—Position of Knife.—Incision of Prostate.—Extraction of Stone.—After-Treatment.—Lateral Lithotomy in Children.—Difficulties during Lithotomy.—In entering Bladder.—In Seizing and Extracting the Stone.—From Position of Stone.—From Fixture of Stone.—From Rickets.—From Shape and Size of Stone.—Removal of Large Stone.—Difficulty from Fracture of Stone.—Accidents.—Hemorrhage.—Wound of Bulb.—Missing the Urethra.—Wound of Rectum.—Wound of Posterior Part of Bladder.—Difficulties in Children.—Sources of Danger and Causes of Death.—Statistics of Mortality.—Influence of Age.—Of Shock.—Hemorrhage.—Cystitis.—Diffuse Pelvic Cellulitis.—Peritonitis.—Sloughing.—Median Lithotomy.—History.—Operation.—Comparison between Median and Lateral Lithotomy.—General Ease and Simplicity.—Hemorrhage.—Wound of Bulb.—Wound of Rectum.—Treatment of Prostate.—Seizure and Removal of Stone.—Indications for Median Lithotomy.—Bilateral Operation.—Combined Median and Bilateral Operation.—High or Suprapubic Operation.—Lithotomy.—History.—Instruments.—Preparation of Patient.—Anæsthetics.—Operation.—Introduction of Lithotrite.—Seizure of Stone.—Breaking Stone.—Accidents in Lithotomy.—Impact of Fragments in Urethra.—Chronic Enlargement of Prostate.—Dangers in Lithotomy.—Cystitis.—Atony of Bladder.—Irritation of Kidneys.—Constitutional Disturbance.—Comparison between Lithotomy and Lithotritus.—Statistics.—Circumstances determining Selection.—Age.—Size and Character of Stone.—Condition of Urinary Organs.—Choice of Operation of Lithotomy.—Recurrence of Calculus after Operation.—Treatment.—Urethral Calculus.—Symptoms.—Treatment.—Prostatic Calculus.—Characters.—Symptoms.—Treatment.—Calcus in the Female.—Statistics.—Symptoms.—Removal.—Lithotasis.—Simple Dilatation.—Dilatation with Incision.—Lithotomy.—Suprapubic.—Vaginal.—Lithotritus. . . . . . . . . . . . . . . . . 1064—1131

Chapter LXVII.—Diseases of the Bladder.

Congenital Malformation.—Extroversion.—Cystitis.—Acute.—Termination.—Treatment.—Chronic Cystitis.—Irritable Bladder.—Vesical Cataract.—Anatomical Changes.—Causes of Irritability.—Diagnosis.—Treatment.—Irritable Bladder in Children.—In Women.—Tumours of the Bladder.—Polypli—Cancer.—Hematuria.—Soroses.—Kidneys.—Bladder.—Prostate.—Urethra.—Treatment.—Atony of the Bladder.—Retention of Urine.—Symptoms.—Results.—Treatment.—Incontinence of Urine.—Causes.—Treatment.—Hysterical Retention and Incontinence.—Painful Conditions of the Bladder . . 1132—1142

Chapter LXVIII.—Diseases of the Prostate.

Prostatitis.—Symptoms.—Treatment.—Prostatic Abscess.—Retention of Urine.—Chronic Enlargement of the Prostate.—Characters.—Mechanical Effects.—Symptoms.—Retention of Urine.—Treatment.—Prostatic Catheter.—Puncture of Bladder above Pubes.—Puncture above Rectum.—Tunneling the Prostate.—Malignant Disease of the Prostate.—Prostatorexia . . 1142—1151
CONTENTS.

CHAPTER LXIX.—DISEASES OF THE URETHRA.


CHAPTER LXX.—DISEASES OF THE PENIS AND SCROTUM.


CHAPTER LXXI.—DISEASES OF THE TESTIS AND CORD.


CHAPTER LXXII.—DISEASES OF THE FEMALE GENITAL ORGANS.

INTRODUCTION OF INSTRUMENT.—Speculum Vaginæ—Female Catheter.—DISEASES OF THE EXTERNAL ORGANS AND VAGINA.—Hypertrophy of Labia

INDEX 1239