

CONTENTS.

CHAPTER I.

SURGICAL ANATOMY OF THE HEAD.

Introductory—The Skull—Superior Maxilla—Inferior Maxilla—Palate Bone—Vomer—Ethmoid Bone—Sphenoid Bone—Nasal Bone—Malar Bone—Lachrymal Bone—Hyoid Bone—Section of Skull—Base of Skull	PAGE 25
--	------------

CHAPTER II.

THE MOUTH.

The Mouth—Muscles of Face—Arteries of Face—Carotid Arteries—Deep Arteries of Facial Region—Veins of Face—Nerves of Face—Sectional Expression of Mouth—Muscles of Tongue—Surface Anatomy of Tongue—Papillæ of Tongue—Mucous Membrane—Anatomy of Salivary Glands—Temporo-Maxillary Articulation	50
---	----

CHAPTER III.

FIFTH PAIR OF NERVES.

Common View of Distribution—Trifacial Division and Ganglia—Ganglion of Casserio—Ophthalmic Nerve—Superior Maxillary Nerve—Inferior Maxillary Nerve—Physiological Function of Nerve	69
--	----

CHAPTER IV.

ANATOMY OF THE TEETH.

A Tooth a Body <i>sui generis</i> —Resemblance to Ivory—Dental Pulp—Dentine—Enamel—Cementum—Microscopic Anatomy of Fang of Tooth, exhibiting Dentine and Cement—Enamel Columns—Interglobular Spaces—Relation of the Teeth with Jaw—Peculiarities of Individual Teeth—Names and Surfaces of Teeth	83
--	----

CHAPTER V.

DENTITION.

Development of Teeth—Dental Germs—Primitive Dental Groove—Dental Papilla—Hyaloid Structure—Developing Germs—Tunica Propria—Halitus of Tooth-Sac—Calcification—Formation of Enamel—Illustration in Dental Germ Development—Relations of First and Second Dentitions—Positions of Tooth-Germs—Articulation	93
--	----

CHAPTER VI.

ASSOCIATIVE LESIONS OF FIRST DENTITION.

Dental Irritation—Localized Stomatitis—Lancing Children's Teeth—Hemorrhage—Angina Simplex—Chronic Angina—Irritative Fever—Diarrhœa of Dentition—Spasms—Eruptions—Cutaneous Hyperæmia—Papulæ—Exanthematæ—Bullæ—Pustulæ—Vesiculæ—Tubercula—Maculæ . . . 100

CHAPTER VII.

ANOMALIES OF SECOND DENTITION AND THEIR SURGICAL RELATIONS.

Teeth Erupting External or Internal to the Arch—Teeth denied Space in the Arch—Encysted Germs—Supernumerary Teeth—Third Dentitions—Periodontal and Periosteal Associations—Germs with Heterogeneous Development—Illustrations 124

CHAPTER VIII.

THE TEETH AND THEIR DISEASES.

Caries—Health in the Dental Organism—Causes Provocative of Caries—Scrofulosis—Rickets—Shapes of the Teeth—Nutritional Circumstances—Relation of Organs with each other—Self-Cleansing Features—Constitutional Relations—Character of Agents in Contact with the Teeth—Mucous Deposits—Acid Secretions—Parasites—Electro-Chemical Relations—Medicines and Articles of Food—Accidental Influences 135

CHAPTER IX.

SURGICAL CONSIDERATION OF DENTAL CARIES.

Phenomenal Expressions of Caries—Principles of Treatment—Neutralization of Adverse Oral Fluids and the Induction of a state of General Health in the Mouth—Medical Treatment of the Teeth—Characteristics of Saliva—Teeth of Sanguine and Allied Temperaments—Teeth having a Blue Shade—Chalky Teeth—Pearly Teeth—Soft Dentine—Zinc Chloride—Filing as a Prophylactic and Curative Agent—Vitrification—Inclined Surfaces—Illustrations in Filing 177

CHAPTER X.

DENTAL THERAPEUSIS.

Inertness of Gold as a Filling Material—Therapeutical Plugs—Recalcification of Teeth—Oxychloride of Zinc—Gutta-Percha—Copper Dust—Oxide of Tin—Electrical Disturbances—Parasiticide 187

CHAPTER XI.

THE ORAL FLUIDS.

Saliva—Composition of; Characteristics of—Mucous Oral Detritus—Analyses of Oral Fluids—Saliva unduly Alkaline—Healthy Saliva—Parotid Secretion—Submaxillary Secretion—Accessory Parotid Secretion—Saliva

and Food Bolus—Saliva unduly Acid—To make Analyses of Saliva—PAGE
Abnormal Saliva—Accidental Substances found in Saliva—Carbolic Acid and Saliva—Magitot's Experiments with Acids and Teeth—Sordes—Excess of Ptyaline—The Acids of Fruits in Relation with Soft Teeth 190

CHAPTER XII.

ODONTALGIA.

Causes of Toothache—Sensitive Dentine—Exposure of Pulp—Disease of Periodontium—Pus and Gas in the Pulp-Cavity—Granules of Osteo-Dentine in a Pulp—Sympathetic Toothache—Recession and Absorption of Gum and Alveolus 198

CHAPTER XIII.

PERIODONTITIS.

Synonymes—Acute Periodontitis—Chronic Periodontitis—Case of Ringed Root—Treatment of Periodontitis 219

CHAPTER XIV.

ALVEOLO-DENTAL ABSCESS.

History and Meaning of—Local Features of—Prophylaxis of—Association with Antrum—Illustration of—Anomalous Cases of—Rheumatism and Gout, Associates of 225

CHAPTER XV.

THE PULP-CHAMBER AND CANALS.

Death of Pulp—Removal of, from Cavity—Nerve Extractors—Preparing Cavity for Filling—Test Plugs—Filling over Exposed Pulp—Devitalized Dentine—Pulp Cappings—Materials used for 239

CHAPTER XVI.

DISCOLORED TEETH.

Causes of—Treatment of Pulp-Chamber—Bleaching—Whitening—Blood Coloring 248

CHAPTER XVII.

REPLANTATION AND TRANSPLANTATION OF TEETH.

Hunter's Experiments—Replantation—Mistakes in Extraction—Treatment in Replantation—Transplantation: Danger of Disease from; Lack of Correspondence between Tooth and Socket; Brutes' Teeth and Human Jaws; Illustrations from Practice; Danger from Tetanus—Illustration in Fixation 251

CHAPTER XVIII.

SALIVARY CALCULUS.

	PAGE
Analysis of Saliva—Analysis of Calculus—Common Positions of Tartar—Anomalies—Illustration—Treatment of Calculus	258

CHAPTER XIX.

DENUATION OF DENTINE.

Obscurity of Cause—Prophylaxis—Treatment of the Condition—Abrasion of Cutting Faces of Teeth—Treatment of	266
---	-----

CHAPTER XX.

OPERATIVE DENTISTRY.

INSTRUMENTS USED IN PREPARATION OF CAVITIES.

Typical Dentures—Expression of Cavities—Excavators—Drills—Dental Engines—Chisels—Files—Corundum Disks—Drop Tubes—Chip-Blower—Water-Syringes—Exposing Existence of Cavities	268
--	-----

CHAPTER XXI.

OPERATIVE DENTISTRY.

EXCAVATION AND PREPARATION OF CAVITIES FOR FILLING.

Cavities—Simple Crown—On Posterior Face of Incisors—On Anterior Face of Incisors—In the midst of Imperfect Enamel—On Approximal Surfaces—Complications in Cavity Relations	282
--	-----

CHAPTER XXII.

OPERATIVE DENTISTRY.

RELATIONS OF MOISTURE.

Relation of Moisture to Filling—Napkins—Compressors—Saliva-Pump—Rubber Dam—Hot Air—Clamps—Medicinal Means	293
---	-----

CHAPTER XXIII.

OPERATIVE DENTISTRY.

MATERIALS USED IN FILLING TEETH.

Amalgam: Submarine; Usual; Contour; Front Tooth; Instruments for Working; Illustrations in Practice; Chemistry of—Gutta-Percha: Various Preparations of; Compatibility with Tooth Bone; Brittleness and Porosity in Specimens; Stickiness as a Characteristic; Combinations with—Hill's Stopping—Instruments for Working Gutta-Percha—Manner of Use—The Oxychlorides: Recipe for; Characteristics of; Different Uses of—Zinc Phosphates: Various Preparations of—Tin—Plastic Tin—Tin Foil—Gold: Soft; Cohesive; Varieties as to Preparation; Sheets; Mats; Pellets; Cylinders; Blocks; Ribbons; Twists	303
--	-----

CHAPTER XXIV.

OPERATIVE DENTISTRY.

FILLING TEETH.

	PAGE
Filling with Non-Cohesive Gold: Use of Cylinders; Employment of Mats; Ribbons and Twists in Filling; Foil Carrier; Pluggers used with Non-Cohesive Gold; Studies in use of Non-Cohesive Gold; Matrices; The Loop; Jack's—Cohesive Gold: Requirements for Working; Light and Heavy Foils; Annealing—Pluggers: Atkinson's; Butler's; Smith's; Abbot's—Practitioners' Requirements in way of Instruments—Students' Instrument Case—Plugging Mallets—Illustrations in Practice—Contour Operations—Electric Mallets—Automatic Mallets—Finishing Plugs—Files—Burs—Burnishers—Porte Polishers—Wood and Corundum Points—Operating—Chairs—Office Conveniences	320

CHAPTER XXV.

OPERATIVE DENTISTRY.

ARTIFICIAL CROWNS.

Repair of Teeth by Substitution—Cap Crowns—Talbot's Operation—Bing's Partial Crown—Simple Pivoting—Instruments used for—Dennet's Plan of Pivoting—Bonwill's—Marshall Webb's—M. H. Cryer's—Flagg's—Crown Grafting—Ferruling—Porcelain Facing—Rambo's Operation—Plastic Facing—Dental Catalogues	350
--	-----

CHAPTER XXVI.

OPERATIVE DENTISTRY.

IRREGULARITIES OF THE TEETH—ORTHODONTIA.

Irregular Relation of Teeth to Arch—Temperament and Dyscrasia in Patient—Age as related with Correction—Character of Alveolar Process—Complexity signifying lack of Skill—Illustrative Cases in Orthodontia—White's Correcting Apparatus—Coffin's System—Transverse Bars—Rubber Loop—Traction by Ligatures—Capping Teeth—Jaw Ramus at varying Ages—Occipito-Mental Sling—Catalan's Inclined Plane—Use of Wedges—Redman's Rubber Cap—Double Jack-Screws—Slit Plates—Farar's Positive System	366
--	-----

CHAPTER XXVII.

OPERATIVE DENTISTRY.

EXTRACTION OF TEETH.

Indications for Extraction—Illustration of Classes of Teeth—Extraction of Teeth of the First Class—Of Second Class—Of Third Class—Of Fourth Class—Of Fifth Class—Of Sixth Class—Instruments used for Extraction: Forceps; Elevators; Scissors; Screws—Deformed or Anomalous Teeth. 384	384
--	-----

CHAPTER XXVIII.

OPERATIVE DENTISTRY.

GENERAL REMARKS ON EXTRACTION.

	PAGE
Relation of Teeth with Jaws—Alveolus and Alveoli—Three-Rooted Teeth—Two-Rooted Teeth—Single-Rooted Teeth—Alveolo-Dental Membrane—Fractures of Alveolar Process—Laceration of Gum—Hemorrhage—Luxation of Jaw—Use of Local Anæsthetics	407

CHAPTER XXIX.

PROSTHETIC DENTISTRY.

Mechanical Dentistry—Preparation of Mouth—Taking Impressions—Materials used for: Wax; Plaster of Paris; Gutta-Percha; Modelling Compound—Trays used—The Model—The Denture—Partial Denture—Articulation—Arrangement of Teeth to Plate—Articulating Instruments—Studies in Grinding and Setting of Teeth—Oral Æsthetics	415
---	-----

CHAPTER XXX.

PROSTHETIC DENTISTRY.

THE MATERIALS VULCANITE AND CELLULOID.

Vulcanite: Composition of; Definition of Vulcanizing; Dental Plates as an Example; Apparatus used in Vulcanizing; Kinds of Vulcanite; Effects upon Mucous Face of Mouth—Celluloid: Composition of; Characteristics of; Use of in Dentistry; Instruments and Apparatus used in Celluloid Work—Continuous Gum—Repairing Breaks—Illustrations in Practice	431
--	-----

CHAPTER XXXI.

PROSTHETIC DENTISTRY.

OBTURATORS.

Definition of Term—Palatine Defects—Impressions of Breaks—Making Casts—Defects in Hard Palate—Defects in Velum—Artificial Nose—Stearn's, Kingsley's, Suersen's, Booth's, and Baker's Vela—Masks	442
---	-----

CHAPTER XXXII.

THE GUMS AND THEIR DISEASES.

Anatomy of—Ulitis—Accumulations of Tartar—Parulus—The Mercurial Impression—Scurvy—Syphilis—Dead or Loose Teeth—Crowded Dental Arch—Use of Improper Dentifrices and Brushes—Improperly inserted Artificial Teeth—Malignant Impressions—Anomalous Conditions—The Lead Line—Proliferating Gingivitis of Pregnant Women—Gum inflamed by Vulcanite—Congenital Union of Gums—Stomatitis and Pharyngitis Leucæmica—Osteo-Gingivitis Gangrænosa Neonatorum—Accidental Gingivitis—Gangrene of Gums—Oidium Albicans—Calcified Dental Tubules	475
--	-----

CHAPTER XXXIII.

THE APHTHÆ.

Definition of Term—Variety in Character of Patches—Typical Case—Canker—Thrush—Follicular Inflammation—Cancrum Oris—Gangræna Oris—Oidium Albicans—Parasitic Fungi—Views of Different Writers	PAGE 495
---	-------------

CHAPTER XXXIV.

WOUNDS OF THE MOUTH AND ASSOCIATE PARTS.

Distinctions in Wounds—Complications—Indications—Foreign Particles—Hemorrhage—Torsion—Acupressure—Knotted Bandage—Astringents—Shock—Idiosyncrasies—Anodynes—Virus—Healing Wounds—Complicated Wounds—Burns and Scalds—Skin-Grafting—Illustrations from Practice	512
--	-----

CHAPTER XXXV.

THE TONSIL GLANDS.

Anatomy of Glands—Illustrative Section—Angina Tonsillaris—Treatment of Herpes of Gland—Hypertrophy—Illustration—Treatment of Hypertrophy by London Paste—Tonsillotomes—Specific Disease of Tonsils—Medicinal Agents—Cystic Disease—Strumous Abscess—The Trachea—Tracheotomy—Laryngotomy	534
---	-----

CHAPTER XXXVI.

THE TONGUE AND ITS DISEASES.

The Tongue as an Index to Disease—Meanings associated with Changes in Form, Color, and Appearance—Localization of Diseased Action—Injuries—Specific Conditions—Scirrhomia—Epithelioma—Tobacco Tongue—White Tongue—Tubercle—Cystoma—Acute Glossitis—Illustrations—Lingual Neuralgia—Effusions—Erysipelas—Bites of Insects—Erectile and Fatty Tumors—Metastatic Disease—Hypertrophy—Atrophy—Papilloma—Venous and Cartilaginous Tumors—Immobile Tongue—Operations practised upon the Tongue—Strangulation—Écraseur—Operations: Regnoli's, Syme's, Nunneley's, Paget's—Tongue-Tie—Swallowing the Tongue—Operations for Tongue-Tie—Speech after removal of Tongue	549
--	-----

CHAPTER XXXVII.

THE UVULA AND ITS DISEASES.

Surgical Anatomy of Uvula—Enlargement of Organ—Neoplasms—Fatty Growths of—Operation for Excision of—Serous Effusions in—Fibromata and Cysts of—Restrictions as to Ablation of—Hemorrhage after Ablation of	587
--	-----

CHAPTER XXXVIII.

DISEASES OF THE FLOOR OF THE MOUTH.

	PAGE
Anatomy of Part—Ranula: Varieties of; Treatment of—Lipoma—Enlargement of Sublingual Gland—Encysted Calculi—Cystomata—Epitheliomata—Venous Aneurism	590

CHAPTER XXXIX.

HYGROMATA OF THE NECK.

Bursæ of Front of Neck—Ranula—Illustration in Complicated Ranula—Fistula in Association with Hygromata—Illustration of Deep-Seated Ranula	597
---	-----

CHAPTER XL.

DISEASES OF THE PHARYNX.

Anatomy of Pharynx—Illustrations of Acute Pharyngitis—Pharyngitis Sicca—Effusions—Post-Pharyngeal Abscess—Specific Conditions—Tubercles—Wounds—Stricture—Imperforate Pharynx—Neoplasms—Polypi—Uvula—Œsophagus Forceps—Bristle Probangs—Foreign Bodies in Pharynx and Œsophagus—Œsophageal Bougies—Naso-Pharyngoscopy—Electric Illuminator—Trouvè's Polyscope—Margetson's Lamp—Study of Posterior Nares	602
--	-----

CHAPTER XLI.

PALATINE DEFECTS, AND THEIR TREATMENT BY OPERATION.

Cleft Palate—Fissure of Hard Parts—Pressure in the Treatment of Cleft Palate—Uranoplasty—Staphyloraphy—Preparation of Patients for Operation—Surgical Anatomy of Soft Palate—Muscles of Soft Palate—Stages of Staphyloraphy—Roux's Operation—Warren's Operation—Fergusson's Operation—Author's Operation—Illustration of Operation—Curved Needles—Holes in the Palate—Screw Levers	613
--	-----

CHAPTER XLII.

THE NOSE AND ITS DISEASES.

Anatomy of Internal Nose—Anatomical Illustrations—Simple Nasal Catarrh—Hemorrhage—Ulcers—Polypi—Strumous Abscess—Ozæna—Neoplasm—Belloc's Canula—Kolbe's Powder Insufflator—Areling-Hodge Polyp-trite—Gooch's Canula—Torsion Forceps—Polypus Forceps—Frog-Face—Nasal Speculum—Anterior Rhinoscopy—Hypertrophy of Nasal Mucous Membrane—Deviation of Septum—Syphilitic Coryza—Gonorrhœa of Nares—Tobold's Illuminating Apparatus—Chancre of Nose—Imperforate Nostril—Foreign Bodies in Associate Sinuses—Tumors of External Nose—Fractures—Fracture Splints—Loss of Substance—Studies in Rhinoplasty—Illustrations in Nose Surgery—Adams's Septum Forceps—Screw Plates for holding Forceps straight—Nasal Douche—Naso-Pharyngeal Syringe	631
--	-----

CHAPTER XLIII.

DISEASES OF THE FACE.

	PAGE
Immediate Diseases—Mediate Diseases—Callositas—Cornu Cutaneum—Lichen Pilaris—Vitiligo—Nævus Pigmentosus—Lentigo—Chloasma—Nævus Pilosus—Scleroderma—Dermatolysis—Unilateral Atrophy—Elephantiasis—Morphea—Frambœsia—Verruca—Ichthyosis—Seborrhœa—Miliun—Molluscum Sebaceum—Sebaceous Tumors—Hyperidrosis—Chromidrosis—Anidrosis—Sudamina—Keloid—Molluscum Fibrosum—Xanthoma—Rhino-Scleroma—Nævus Vasculosus—Arterial Tumor—Venous Tumor—Illustrations of Nævi—Capillary Nævi—Maculæ—Port-Wine Stain—Strangulations of Nævi—Compression of Nævi—Injections in Nævi—Seton in Nævi—Electrolysis in Nævi—Scrofuloderma—Syphiloderma—Parasites—Tinea Sycosis—Tinea Circinata—Horn growing from Nose and Face—Laminae of Horn	667

CHAPTER XLIV.

LUPUS.

Lupus Erythematosus—Lupus Vulgaris—Illustrations	693
--	-----

CHAPTER XLV.

EPITHELIOMA.

Definition of Term—Benign Epithelioma—Cancerous Epithelioma—Illustrations of Disease—Treatment of by Medicinal Means—Treatment of by Plastic Operations—Illustrations in Plastic Surgery—Illustration in Microscopy	697
---	-----

CHAPTER XLVI.

OPERATIONS UPON THE LIPS AND CHEEK.

Hare-Lip—Definition of—Time of Life suited to Operation for—Condition of Patient—Mode of Operating—V-paring—Atlee's Suture—McLeon Button—Malgaigne's Operation—Levis's—Studies in Simple Hare-Lip—Studies in Complicated Hare-Lip—Illustrations—Figure-of-8 Suture	711
--	-----

CHAPTER XLVII.

OPERATIONS UPON THE LIPS AND CHEEK.

Study of Plate VI.—Dieffenbach's Operation—Mouth-Stretching—Cheiloplasty—Study of Plate VII.—Restoration of Lip: Chopart's Operation, Horn's, Dupuytren's, Serres's, Roux's, Morgan's, Blasius's, Dieffenbach's, Liston's, Mütter's, Author's, Leidillot's—Treatment of Burns	726
---	-----

CHAPTER XLVIII.

VASCULAR SYSTEM OF EXTERNAL AND DEEP FACIAL REGIONS.

Arteries of the Face—Arrestation of Hemorrhage—Ligation of Facial Artery—Surgical Anatomy of Face—Ligation of Temporal Artery; of	
---	--

Occipital Artery; of Lingual Artery: Lines of Incision for—Surgical
Anatomy of Lingual Artery—Ligation of External Carotid Artery;
of Primitive Carotid Artery—Surgical Triangles of the Neck 741

CHAPTER XLIX.

THE ANTRUM OF HIGHMORE AND ITS DISEASES.

Character of Troubles associated with—Indolent Tumor of—Distention
with Softening of Walls—Periodontal Abscess of—Dropsy of—Furuncular
Epidemics affecting—Scorbutus in Association with—The Mercurial
Diathesis—Syphilis in Association with 747

CHAPTER L.

SALIVARY FISTULÆ.

Definition of—Causes of—Illustration of—Common Manner of Treating—
Horner's Operation for—Agnew's Operation for—The Author's Operation
for—Fistule of the Parotid Gland Proper—Foreign Bodies in Salivary
Ducts—Dribbling 760

CHAPTER LI.

CARIES OF THE MAXILLÆ.

Expressions of the Condition—Virchow's Views concerning—Treatment of
Acute Stage—The Use of the Surgical Engine in—The Employment of
Sulphuric Acid—Miller's Views of Treatment—Pollock's Experiments
with Sulphuric Acid—Illustrative Cases 764

CHAPTER LII.

NECROSIS.

Definition of Term—History of Disease—Dental Necrosis—Alveolar Necrosis
—From lack of Room for Eruption of Wisdom-Tooth—Syphilitic Necrosis
—Mercurial Necrosis—Necrosis from Injuries—Exanthematous Necrosis
—Phosphorus-Necrosis—Illustrations of Sequestra 774

CHAPTER LIII.

DISLOCATION OF THE INFERIOR MAXILLA.

Forms of Displacement—Diagnosis of—Exciting Causes of—Predisposing
Causes of—Conditions of—Parts in Luxation—Subluxations—Associa-
tions with Fracture—Congenital Luxation—Treatment of Luxation—
Use of Anæsthetics in 797

CHAPTER LIV.

FRACTURES OF THE MAXILLARY BONES.

Division into Classes—Weak Points of Jaw—Causes of Fracture—Sym-
ptoms of—Illustrative Cases—Treatment of—Barton's Bandage—Paste-
board Splint—Gibson's Bandage—Author's Bandage—Bean's Interdental
Splint—Sudduth's Mento-Dental Splint—Non-Union in Fractures—Gun-
shot Injuries—Interdental Splints 802

CHAPTER LV.

EXSECTIONS OF THE MAXILLARY BONES.

History of Operation—Ligation of Carotid Artery—Manner of Exposure—
Instruments used in Excision of—Illustrative Cases—Surgical Engine
and Appliances 816

CHAPTER LVI.

ANCHYLOSIS OF THE JAW.

Definition of Term—Arthritic Inflammation—Complicated Arthritis—Acute
Synovitis—Rheumatoid Arthritis—Treatment of Arthritic Trismus—Tet-
anus: Symptoms of; Treatment of—Trismus Nascentium—Trismus Den-
tium—Excision of Operculum—Instrument used for—Illustrative Cases—
Trismus Traumaticus 830

CHAPTER LVII.

NEURALGIA.

Definition of Term—Not a Disease—Temperament a Predisposition—Ob-
scurity of Causes—Predisposing Causes—Local Causes—Reactions of Vas-
cular Perversion on Nervous System—Derangements in Respiration—
Depressants in the Vital Economy—Sedative Poisons—Irrespirable Gases
—Anstie's View of Nerve Pain—Illustrations in Neuralgia—Uterus and
Teeth—Treatment of—Recipes used in 855

CHAPTER LVIII.

NERVE LESIONS PROPER AND THEIR TREATMENT BY OPERATION.

Inferior Maxillary Nerve exposed; Garretson's Operation for Exsection of
—Surgical Engine—Exsection of Nasal Branch of Superior Maxillary
Nerve—Carnochan's Operation for Exposure of Second Branch of Fifth
Nerve—Langenbeck's Operation for Exsection of Maxillary Nerve—Pan-
coast's Operation for Exposure of Second and Third Branches of Trifacial
—Garretson's Operation for Exposure of Second and Third Branches of
Trifacial—Garretson's Operation for Exposure of Foramen Rotundum . 871

CHAPTER LIX.

NERVE LESIONS PROPER AND THEIR TREATMENT BY STRETCHING.

Meaning of Operation—Exposure of Special Nerves—Of Infraorbital—Of
Inferior Maxillary—Of Auricularis Magnus—Of Occipital—Of Lingual—
Of Supra-orbital 880

CHAPTER LX.

CLASSIFICATION OF TUMORS.

Definition of Term—Division of Tumors into Two Classes—Local and Sys-
temic Tumors—Homologous and Neoplastic Growths—Clinical Illustra-
tion in Diagnosis—Examples of Cases—Relationship of Tumors—Simple
Inflammatory Tumors—Hypertrophic Tumors—Tumors resulting from
Interference with Function—Histological Distinctions—Examples of
Forms—Synonymes 884