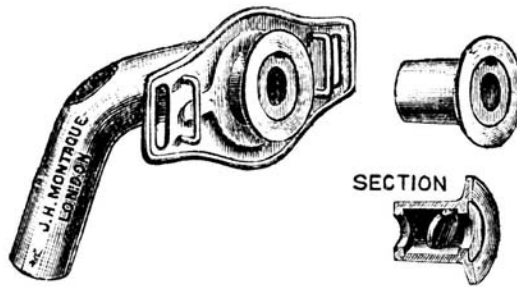


NEW INSTRUMENTS. PREPARATIONS, ETC.

A NEW FORM OF TRACHEAL VALVE. Philip de Santi. ("Lancet," July 25, 1896.)

This instrument is designed for those patients who have to wear a tracheotomy tube for several months, or even permanently. The objections to the usual form are, that when the patient attempts to talk he has to place his finger on the mouth of the tube, and on coughing the expectoration is voided in an uncleanly and unpleasant manner through the tube. There are several objections to the "pea valve," which was designed to overcome these objections. The movements of



the "pea" are noisy, the ball readily gets clogged, and it often gets out of order. These objections have not been overcome by the adoption of an india-rubber valve arrangement. In the author's invention a silver valve working on a hinge permits the free entrance of air on inspiration; on expiration, vocalization, or coughing, the valve is driven forwards and comes up tightly against a small silver inner rim, thus preventing any exit of air, mucus, etc. The advantages of this are:—(1) Its simplicity; (2) the facility with which it can be kept clean and sterilized; (3) the working of the valve is unaccompanied with any rattling noises; (4) the valve is airtight, and cannot be coughed out; and (5) the supply of air is but little diminished, considerably less so than in Luer's or Smith's valves. Two illustrations make the above description easily understood. *St. Clair Thomson.*

QUER'S AURAL CURETTE. (Messrs. Down Bros., 21, St. Thomas' Street, Borough.)

A specimen of this elegant little instrument has been submitted to us for inspection, which looks as if it would prove of great service in those troublesome



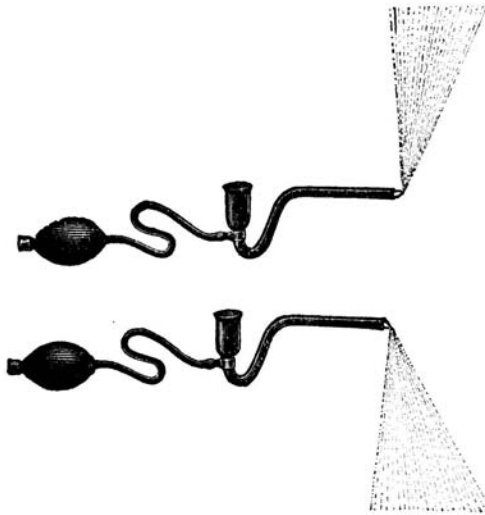
cases in which foreign bodies are found in the external auditory canal. When the foreign body is near the membrane, however, this instrument should not be used, as the lower or curette blade projects $\frac{1}{2}$ inch beyond the upper. The instrument in the cut is shown with the curette in the straight position for introduction and the erect for retraction.

NEW LARYNGEAL, NOSE, and PHARYNGEAL SPRAYS. (Chas. Midgley, Limited, 23, St. Anne's Square, Manchester. 3s. 6d. each net. Agent: Rogers, Oxford Street, London.)

These are most ingenious sprays, and are made in the three forms as shown in the woodcuts, and are the invention of Dr. A. Hodgkinson, of Manchester. They were originally made of glass, but this proved too brittle, and so they are



now made of vulcanite. The fluid to be used is dropped into the cup, and by this means an absolutely accurate and known amount of the solution (even as small a dose as two minims) is used. This is, of course, a great advantage when cocaine is used by the patient, or where, in kakosmia and allied conditions, other toxic remedies, as strychnia, are employed.



The small cost of these instruments will commend them especially to hospital surgeons, who often desire to order them for hospital patients.

Witherby & Co., Printers, 326, High Holborn, W.C.

INDEX TO VOL. XI., 1896.

A.

Abscess of Brain, otitic (*see* Brain Abscess Otitic)
 Abscess of neck, otitic 217
 " retro-pharyngeal 47, 296
 " peri-pharyngeal 48
 " peri-sinusal 34
 " following intubation 352
 Abductor paralysis 91
 Abnormalities of mastoid 29
 " " nose 29, 292, 297
 " " ostium tubæ 34
 " " pharynx 34
 Acetanilid in otitis 55
 Acoustic nerve, destruction of, in cats 36
 " relief 147
 Actinomycosis 165
 Acute labyrinthitis 118
 " laryngeal stenosis 15
 " laryngitis and bronchitis 79
 " œdema of larynx 143, 144
 " otitis media 177
 " strumitis 241
 Address, Presidential, Daly 6
 " " Milligan 315
 Adenoids 26, 146, 218, 299
 " anæsthesia in 298
 " simulation of, by hereditary syphilis 27
 " " nasal stenosis 29
 " and torticollis 298
 Adenoma of tongue 48
 Aerial goitre 158
 Air passages, foreign bodies in 161, 162, 167, 168, 194, 217, 224, 239, 354
 Albumen, destruction of, by thyroid tablets 53
 Amygdalitis, unresolved 345
 Amyl nitrite test 29
 Anæsthetics 128, 298
 Anastomosis of tongue 48
 Anatomy of temporal bone 61, 245
 Aneurism of aorta 278
 Angina, bacteriology of 222
 " Ludwigii 48
 " pyæmia and 293
 " variolus 295
 Angioma of auricle 203

Anterior pillar of fauces 215
 Antitoxin, diphtheria and 45, 46, 47, 112, 113, 152, 153, 155, 226, 227, 230, 231, 309, 335, 338, 339, 340, 341, 342
 " fatalities 46, 153
 " immunization and 294, 154
 " in Berlin Children's Hospital 338
 " in Glasgow Fever Hospital 155
 " in Begdam Hospital 295
 " relative strengths 294
 " poisoning by 154
 Antrectomy 211
 Antrum of Highmore (*see* Maxillary Sinus)
 Aorta, aneurism of 278
 Aphonia, hysterical 50
 " olfactory 149
 Apoplectiform labyrinthitis 264
 Ary-epiglottic tumour 283
 Atresia of choana, congenital 292
 " external meatus 192
 Atrophic rhinitis 162
 Attic—defect of wall 35
 Aura of auricular vertigo 303
 Aural catarrh, chronic 303
 Auricle, angioma of 203
 " malformation of 206
 " rudimentary 172
 " vertigo 303
 Auscultation of naso-pharynx 138
 Autoscope 219
 Autopsy 147, 223, 284, 289, 300
 " frozen section in position for 292
 " tumour removed by 291

B.

Bacteriology of angina lacunaris 222
 " otitis media 177, 358, 359
 " mumps 344
 " nose 286, 299
 " ozæna 207
 Bezold's mastoiditis 148
 Bilateral atresia of external meatus 192

Binaural hearing 147
 Blister produced by cocaine 335
 Brain abscess, otitic 119, 175, 302, 360
 „ disease „ 107
 Branchial tumour of throat 78
 Bromide of ethyl 166
 Bronchus, foreign body in 168, 350

C.

Caisson deafness 264
 Carcinoma of ear 174, 210
 „ inferior turbinate 138
 „ larynx 13, 51, 70, 84, 90,
 92, 115, 137, 172, 184, 288
 „ pharynx 223
 „ thyroid 354
 „ tonsil 163
 „ œsophagus 301
 „ palate 79
 Caseous rhinitis 299
 Caustic potash injections 79
 Central osteitis of mastoid 249
 Cerebral abscess (*see* Brain Abscess)
 „ „ hemianopsia in 29
 Chancre of tongue 164
 „ tonsil 164
 Choana, congenital atresia of 292
 Cholesteatoma 118, 176, 215, 219
 Chorditis 289
 Clergyman's throat 350
 Closure of tympanic perforations 268
 Cocaine, blister produced by 335
 „ for nausea 345
 Compressed air apparatus 13
 „ „ in mastoiditis 173
 Congenital abnormality of mastoid 29
 „ „ ostium tubæ 34
 „ atresia of nose 29, 292, 297
 „ diverticulum of pharynx 34
 Coryza and diphtheria 113
 „ sicca 157
 Corti, organ of 173
 Cough, tonsillar 148
 Cretinism 240
 Crico-arytenoid joint, perichondritis of
 73
 Curettage of trachea 292
 Cysts, dermoid 49
 „ of middle turbinate 193
 „ of nose, suppurating 145

D.

Deafness, caisson 264
 „ genital reflex 30
 „ simulated 360
 „ psychological 194, 200
 Dermatitis of face 326
 Dermoid cysts 49

Deviation of septum (*see* Septum, deviation of)
 Diabetes and ear disease 304
 Digestion and nose and throat disease
 65, 123
 Diphtheria—
 antitoxin (*see* Antitoxin and Diphtheria)
 „ and milk 343
 bacillus, glycerine in cultures of 293
 „ metachromatism of 293
 „ examination for, in suspected
 cases 339
 „ practical value of 340
 „ calomel in 45, 46, 340
 coryza in 113
 curettage in 293
 drops 290
 idiosyncrasy 343
 of larynx 113, 153
 in Canton St. Gallen 47
 nasal 213
 cavities in 343
 scarlatina and 153
 school boards and 1
 statistics of 230, 229
 Diplococcus Fränkel-Wechselbaum 241
 Diseases of nose and throat, chronic
 64
 Diverticulum of pharynx 34
 Dysphonia spastica, intermittent 69

E.

Ear—
 equilibrium function of 117
 gangrene of 116
 middle (*see* Otitis Media)
 „ operative exposure of 259
 primary tuberculosis of 302
 neoplasms of 174
 epithelioma of 174, 210
 sarcoma of 360
 Elbow metastasis of 204
 Electrolysis in œzœna 296
 Emphysema after intubation 349
 Empyema (*see* Sinusitis)
 Endoscopic dilatation of œsophagus
 283
 Epilepsy and hypertrophy of tonsils 28
 Epithelioma (*see* Carcinoma)
 Equilibrium function of ear 117
 Erysipelas of larynx 116
 Erythema nodosum of trachea 350
 Ethmoid, pathology of 66, 278
 „ sinusitis (*see* Sinusitis of)
 „ syphilitic necrosis of 291
 Eunuchoid voice 147
 Ewald's method 36
 Exploration of accessory sinuses 285
 External meatus, atresia of 192
 „ „ hæmorrhage from
 99, 304

- F.**
- Fads and fashions of surgery 166
 Fibro-chondroma of throat 78
 " septum 337
 Fibroma of larynx 81, 82, 270
 " naso-pharynx 19
 Fistula, salivary 48
 Foreign body in air passages 167, 354
 " " bronchus 167, 168, 350
 " " larynx 194
 " " nose 161, 162, 217,
 224
 " " œsophagus 239, 344
 " " trachea 167, 239
 " " tympanum 144
 Fracture of larynx 73, 220
 Frontal sinusitis (*see* Sinusitis, Frontal)
 " sinus, investigation of 348
- G.**
- Galton's whistle 52
 Gangrene of ear 116
 Garcia, dinner to Prof. 305
 Gargling 101
 Genital reflex deafness 30
 Goitre aerial 158
 " iodoforn injections in 290
 Graves' disease 241
 " " thymus feeding in 355
 Gunshot wound of pharynx 66
- H.**
- Hæmatoma of pharynx 290
 " ear 357
 " septum 149
 Hæmorrhage after tonsillotomy 233
 " from external meatus 99,
 304
 " from labyrinth 109
 " nasal 140
 " in nasal operations 69
 " in throat " 69
 Hæmorrhagic laryngitis 350
 Hearing in bilateral atresia 172
 " disease 177
 Hemianopsia in brain abscess 29
 Hippocrates, rhinology of 48
 Hydrogen peroxide in oto-rhinology
 145, 347
 Hydrorrhœa nasi 114, 291
 Hypertrophy of posterior extremity of
 inferior turbinate 28
 Hygiene of ear 358
 Hysterical aphonia 58
 " mastoiditis 100
- I.**
- Immunization and antitoxin 294, 154
 Influenzal hæmorrhagic laryngitis 350
 Injections, iodoforn in, goitre 290
 " K.O.H. in epithelioma 79
 " intratracheal 349
 Insanity and hæmatoma auris 357
 Intermittent dyspnœa spastica 69
 Intracranial affections, otitic 253
 Intratracheal injections 349
 Intubation 15, 145, 340, 349, 351, 352, 353
- J.**
- Jackstone in œsophagus 344
- K.**
- Keratosis pharyngis 365
- L.**
- Labyrinth—
 amyl nitrite in disease of 29
 apoplexy of 264
 chronic œmœmia of 109
 necrosis of 120
 vertigo of 142
 Labyrinthitis, acute infantile 118
 " and patellar reflex 172
 Langerhaus case, the 294
 Laryngeal cry 85
 " photography 11
 " vertigo 96
 Laryngitis—
 acute 79
 " œdematous 143, 144
 catarrhalis 71
 chronic 170, 234, 236
 nodular, in children 238
 hæmorrhagic 350
 Laryngectomy 117, 283
 Laryngotomy 222, 288, 353
 Larynx—
 carcinoma of 13, 51, 70, 84, 90, 92,
 137, 115, 172, 184, 288
 cicatrix of 41
 erysipelas of 116
 fibroma of 81, 82, 270
 fluctuating tumour of 151
 foreign body in 191
 fracture of 73, 220
 intubation of 15, 145
 lupus of 220
 leucœmic infiltration 233, 237, 270
 malignant disease (*see* Carcinoma)
 papilloma of 25, 219, 237, 352, 353
 paralysis of 39, 91, 278, 301, 353

Larynx (*continued*)—
 polypus of 291
 rose influenza 113
 sarcoma of 51
 stenosis of 115, 116, 272, 15
 syphilis of 75, 238, 301
 tuberculosis of 41, 64, 86, 87, 90,
 131, 220, 235, 239, 286
 tumor of 131
 ulceration of 132
 web of 50, 83, 162
 wound of 150
 Lateral sinus thrombosis 34, 119, 204,
 208, 302, 304
 " " " and diabetes 304
 Leptothrix 47, 325, 365
 Leucæmia and Ménière's disease 36
 Leucæmic infiltration of larynx, 233,
 237, 270
 Lingual tonsil, inflammation of 47, 48, 78
 Ludwig's angina 48
 Lupus of pharynx 88
 " larynx 220
 Lymphomyelia 232
 Lymphomyxoma 232

M.

Macroglossia 295
 Malformation of auricle 206
 Mastoid—
 abnormalities 29
 antrum, part of middle ear 356
 central osteitis 249
 disease 28, 42, 96, 100, 107, 111, 144,
 146, 148, 173, 175, 176, 202, 206,
 215, 216, 219, 249, 257, 258, 304
 and diabetes 304
 Bezold's 148, 326
 hysterical affection of 100
 operation 28, 146, 202, 206, 215, 216,
 219, 257, 258, 304, 325, 355, 357,
 358
 pathology of 258
 percussion of 215
 Maxillary superior, adenoids and 218
 " " resection of 211, 289
 " " tumor of 137, 222
 Maxillary sinus, latent empyema 157
 " " pathology 269, 271
 " " plumbism and 67
 " " sarcoma of 222
 Maxillary sinusitis 67, 88, 157, 221,
 224, 269, 271, 273, 284
 Melæna, etiology of 348
 Membranous rhinitis 213
 Membrana tympani—
 artificial perforations of 146
 closure of old " 269
 movements of 357
 Eustachian obstruction of 267

Ménière's disease, 36, 175, 251, 336,
 358
 Meningo-cephalocele 345
 Metachromatism and diphtheria bacillus
 293
 Middle ear, operative exposure of 259
 Milk toxins in 343
 Mumps, bacteriology of 344
 Mutism without deafness 148
 Mycosis pharyngis 90, 323, 365
 Myxœdema 240

N.

Nasal affections and their consequences
 151
 " bacteriology 286, 299
 " cavities, exploration of accessory
 285
 " diphtheria 213
 " hæmorrhage, 69, 140
 " hydrorrhœa 114, 291
 " injections, specific gravity of 163
 " inflammations and sinusitis 278
 " insufflations and pertussis 299
 " obstruction 138, 296
 " papilloma 298
 " plastic surgery 298
 " polypus 207, 217
 " reflex 49, 158, 331
 " sarcoma 17, 80, 86, 296
 " septum (*see* Septum Nasi)
 " stenosis 29, 162, 181, 292, 297
 " syphilis 75, 137
 " tuberculosis 83
 Naso-pharynx—
 auscultation of 138
 fibroma of 18
 malignant tumour of 287
 stenosis of 297
 tumour of 211
 Nausea, cocaine in 345
 Necrosis of ethmoid 278, 291
 " labyrinth 120
 Neoplasms of ear 174
 Nose—
 congenital occlusion of 29, 162, 297
 cyst of 145, 193
 depressed, plate for 347
 disease of, and dermatitis of face 326
 foreign bodies in 161, 162, 217, 224
 ulceration of tip 159

O.

Obituary—Dr. Samuel Sexton 242
 Œdema of larynx, 143, 144
 " subglottic 149
 Œsophagoscopy 223, 283
 Œsophagus, dilatation of 283

(Esophagus, foreign body in 239, 344
 " stricture of 283
 Olfactory aphonia 149
 Otitis media—
 acute and typhoid 105
 catarrhalis 31, 173
 hemorrhagica 191
 massage in 359
 serosa 218
 suppuration 55, 96, 144, 177, 205,
 218, 220, 359
 tubercular 302
 Ophthalmoscope in otitic brain disease
 93, 361
 Organ of Corti 173
 Osseous defect of attic wall 35
 Ostium tube, abnormality of 34
 Otitic abscess of neck 217
 " brain abscess 119, 175, 302, 356
 " " disease 107
 Ozæna, electrolysis in 296
 " microbe of 207
 " treatment of 326, 347
 Oxygen and sinusitis 187

P.

Pachydermia 234
 Palate, epithelioma of 79
 Papilloma of larynx 25, 219, 237, 352,
 353
 " nose 298
 Paracoccus Willisii 220
 Paralysis of larynx 39, 91, 278, 301
 Paramonochlorphenol in tuberculosis of
 larynx 286
 Parotitis 31
 Patellar reflex and labyrinthitis 172
 Percussion of mastoid 215
 Perichondritis of crico-arytenoid joint 73
 Peripetrous suppuration 303
 Peripharyngeal abscess 48
 Pharyngeal diverticulum 34
 " polypus, hairy 233
 " " fibro-chondrial 78
 Pharyngitis, chronic 170, 236
 Pharyngo-laryngitis 48, 301, 352
 Pharyngo-mycosis 47, 90
 Pharyngo-therapy 164
 Pharynx—
 adhesions of 344
 carcinoma of 223
 gunshot wound of 66
 hematoma of 290
 lupus of 88
 and mouth, excoriation of 290
 pneumococcal affections of 295
 ulceration of 190
 sarcoma of 223
 syphilis of 237
 tuberculosis of 64, 101, 134

Phono- and pneumo-massage of ear 359
 Photography, laryngeal and post-nasal 11
 Pilocarpin 55
 Plate for depressed nose 347
 Plumbism and sinusitis 67
 Pneumococcal affections of pharynx 295
 Polypus—
 pharyngeal 78, 233
 laryngeal 291
 enormous nasal 207
 nasal 131
 septal 131
 tonsillar 211
 tracheal 286
 Post-diphtheritic paralysis 231
 " pseudo-tonsillar hyper-
 trophy 39, 344
 Post-scarlatinal diphtheria 342
 Posterior turbinal hypertrophy and reflex
 disturbances 28
 Presidential address 6, 315
 Pseudo-membranous rhino-laryngitis
 352
 Psychological deafness 198, 200
 Pulmonary artery, perforation of 350
 Pyæmic conditions and anginas 293
 Pyæmia, otitic 34

R.

Rachitic deformities and nasal obstruc-
 tion 296
 Reflex disturbances, nasal 28, 49, 331
 " " ocular 49
 " " laryngeal 149
 " patellar, 172
 Relative strength of antitoxins 294
 Removal of malleus 205
 Resection of superior maxillar 211, 289
 " trachea 289
 Resorcin in scarlatinal angina 48
 Retro-auricular opening 202
 Retropharyngeal abscess, classification
 47
 " " 92, 296
 Rhagades and coryza sicca 157
 Rhinitis atrophica 162
 " caseosa 299
 " membranosa 213
 Rhinolith 147, 224
 Rhinology of Hippocrates 48
 Röntgen rays 20, 344
 Rose influenza 138
 Rudimentary auricle 172

S.

St. Gallen, diphtheria in 47
 Salivary fistula 48
 Salicylic acid, injurious e

Sarcoma of ear 356
 Sarcoma of larynx 51
 ,, maxillary sinus 222
 ,, nose 17, 80, 86, 296
 ,, pharynx 223
 ,, tonsil 223
 ,, vestibule, 185
 Scarlatina angina 148, 153
 ,, and diphtheria 342
 School boards and diphtheria 1
 Septum—
 deviation of 7, 8, 49, 98
 hæmatoma of 149
 ridges of 7
 serous perichondritis of 266
 polypus of 131, 337
 spurs of 7, 105, 207
 tumour of 337
 Sexual organs, female, and thyroid gland 52
 Sinus, lateral, thrombosis 54, 119, 304, 357
 Sinusitis—
 49, 88, 158, 159, 102, 271, 269, 337
 ethmoidal 291
 frontal 88, 134, 136, 149, 186, 187, 345, 348
 maxillary 221, 284
 sphenoidal 134, 158
 and general health 337
 Speech, unusual defect of 95
 Stammering cured by operation 161
 Stenosis, acute laryngeal 15
 ,, laryngeal 115, 116, 351
 ,, nasal 29, 181
 ,, tracheal 181
 Strumitis, acute 241
 Stuttering 239
 Styron 220
 Subglottic œdema 149
 Sulpho-ricinate of phenol 168, 235
 Superior maxillar and adenoids 218
 ,, ,, resection of 211, 289
 ,, ,, tumour of 137
 Syphilis—
 hereditary, simulating adenoids 27
 of ethmoid 291
 of larynx 75, 151, 225, 238
 malignant 151
 of nose 49, 74, 137, 151
 of pharynx 137, 151
 of trachea 33
 of tongue 164
 of tonsil 164

T.

Telangiectatic tumour of septum 337
 Telephone and deafness 304
 Temporal, anatomy of 245
 Tension of membrana tympani 267

Tensor tympani, absence of 193
 Thrombosis of lateral sinus 54, 204, 208, 302, 304
 Thymus, absence of 355
 Thymus-feeding in Graves' disease 355
 Thyroid gland 241
 ,, ,, epithelioma of 354
 ,, ,, and female sexual organs 52
 ,, ,, functions of 52
 ,, ,, removal of, in dogs 62
 ,, therapy 32
 ,, treatment and cretinism 240
 ,, ,, and destruction of albumen 53
 ,, ,, and Graves' disease 241
 ,, tumour 225
 Thyro-iodine 52, 53
 Thyrotomy 84, 86
 ,, tracheotomy in, 194
 Tone limit, upper, 53
 Tongue, adenoma 48
 ,, anastomosis of 48
 ,, chancre of 164
 ,, tumours of 225, 289, 290
 Tonsil, carcinoma of 163
 ,, chancre of 164
 ,, furrow in 222
 ,, hæmorrhage after removal 233
 ,, inflammation of lingual 78, 233
 ,, pharyngeal 288
 ,, polypus of, 211
 ,, post-diphtheritic hypertrophy 30, 344
 ,, sarcoma of 223
 Tonsillar cough 148
 ,, hypertrophy and epilepsy 28
 ,, ,, lingual 47
 Tonsillitis, acute 334
 Tooth in nose 68
 Torticollis and adenoids 298
 Trachea, erythema nodosum of 350
 ,, foreign body in 239
 ,, resection of 168
 ,, tumefaction of 151
 ,, tumour of 236
 ,, in thyrotomy 194
 ,, rotation of 225
 Trachea, curettage of 293
 ,, polypus of 286
 ,, stenosis of 33
 Tracheotomy *v.* intubation 341
 Transfixion of turbinate 333
 Trigeminal neuralgia in mastoiditis 249
 Tuberculosis of larynx 41, 64, 86, 87, 90, 131, 168, 220, 235, 239
 ,, middle ear 302
 ,, nose 82, 168
 ,, pharynx 64, 101, 134, 168

Turbinate, inferior—
 carcinoma of 138
 decortication of 210
 hypertrophy posterior 28
 transfixion of 333
 Turbinotomy 40, 181
 Tympanum, opening of, for foreign body
 144
 Typhoid and otitis 105

U.

Ulceration of larynx 132
 „ pharynx 190
 „ nasal septum 105
 „ tip of nose 159
 Unresolved amygdalitis 345

V.

Valve-like action of obstructed Eusta-
 chian tube 267
 Variolus angina 295
 Velo-palatine insufficiency 343
 Vertigo, auricular 303
 „ labyrinthine 142
 „ laryngeal 96
 „ tympanic 172
 Vestibule, sarcoma of 185
 Vocal cords, movements of 301
 Voice eunuchoid 147

W.

Web of larynx 50, 83, 163
 Whooping cough and gangrene 116
 „ „ nasal treatment of 299
 Willisii paracrosis 220
 Wound of larynx 150

ORIGINAL ARTICLES.

Anæsthetics as Employed for Operations
 on the Nose and Throat 128
 Anatomical Sections of the Temporal
 Bone, A Method of Making 245
 Antitoxin Treatment of Diphtheria 309
 Notes on the Anatomy and Periosteum
 of the Ear 61
 School Boards and Diphtheria 1
 The Relation of Acute Diseases of the
 Nose and Throat to Disorders of
 Digestion 123

SOCIETIES' MEETINGS.

American Laryngological Association
 6, 64
 American Laryngological, Rhinological,
 and Otological Society 93
 Austrian Otological Society 194, 249
 Belgian Society of Otolaryngology
 207
 Berlin Laryngological Society 222
 British Laryngological, Rhinological,
 and Otological Association 20, 184,
 315
 Harveian Society 31
 London Laryngological Society 81
 New York Academy of Medicine 131
 Royal Academy of Medicine, Ireland
 33
 Société de Laryngologie, d'Otologie, et
 de Rhinologie de Paris, 325
 Société Française d'Otologie et de
 Laryngologie 25, 142
 Vienna Society of Laryngology 150
 Western Ophthalmological, Otological,
 Laryngological, and Rhinological
 Association, 45
 Congress—Für innere Medicin, Wies-
 baden 32
 „ Second Pan-American 43

REVIEWS.

A Text Book of Histology, Descriptive
 and Practical, for the Use of Students
 242
 Archives of Clinical Skiagraphy 58, 178
 Der Gesangsarzt 58
 Diseases of Ear 121
 Gardiner: The History of Surgical
 Anæsthesia 57
 Gleason: Diseases of the Nose and
 Throat 57
 Handbuch der Laryngologie, etc.,
 178, 305
 Mycosis Pharyngis Leptothricia and
 Keratosis Pharyngis 365
 Neue Transplantations-Methode für die
 Radikaloperation bei Chronischen
 Eiterungen des Mittelohres 56
 Our Growing Children 58
 Surgery of Chest 242
 Vorlesungen über die Krankheiten der
 Lufttröhre 362
 Ueber die Bedeutung der Durchleuch-
 tung für die Diagnose der Kiefer-
 höhlenerkrankungen 365

NEW PREPARATIONS.

Anabrose Pulmonaire 367
 Antisyphilitic Serum 122
 Antityphoid Serum 122
 Apenta Water 122
 Base for Medications for Nose and Throat 136
 Chinsol 367
 Chloralamide and Pot. Brom. Tabloids 122
 Colchicine Salicylate Capsules 244
 Euthymol 368
 Ethyl Chloride 244
 Extract of Golden Seal 368
 Fet. Bovine Purif. 122
 Improved Gregory Powder 243
 Nasal Tablets 368
 Soloids—Zinc Chloride; Corrosive Sublimate; Pot. Permang.; Silver Nitrate 243
 Taka Diastase 368

NEW REMEDIES.

Acetanilid 133
 Argentamide 133
 Creosote Carbonate 133
 Formalin 133
 Lysol 133
 Ortho-mono-chlorphenol
 Pyrozone 133
 Tannigen 133
 Thiol 133

NEW INSTRUMENTS.

Adenoid Forceps 136
 Antiseptic Injector 367
 Continuous Syringe 367
 Cotton Holder 291
 Electro-motor Acoumeter 119
 Forehead Mirror 289
 Galvano-cautery, Rheostat for 288
 Improved Mouth Gag 179
 Naso-Manometer 138
 New Tracheotomy Tube 91
 Orthoscope 291
 Pharyngeal Tonsil, Instrument for Removal of 288, 289
 Polypus Snare 206
 Post-nasal Forceps 59
 Quer's Curette 307
 Rheostat 288
 „ for Pharyngeal Tonsil Removal 288, 289
 Ring Knife for Adenoids 223
 Snare for Anterior Ends of Turbinates 151
 Speculum to Assist Post-nasal Examination 184,
 Sprays 308
 "Sun" Pocket Stove 366
 Tonsillotome 180
 Tracheal Valve 307
 Water Pressure Accumulators 59

NAMES OF AUTHORS.

- Abercrombie, P. 181
 Ackland, W. R. 179
 Adams, C. 31
 Adams, J. L. 302
 Alderton, H. A. 53, 355
 Alexander 222
 Alt, F. 37, 264
 Armstrong, G. E. 152
 Armstrong 163
 Asch, M. J. 9, 14
 Atwood, C. A. 152
 Avellis, 58 284

 Baber, C. 84, 157
 Bacon, G. 302, 356
 Bayer 207, 208, 214, 296,
 330, 334
 Baginski, A. 338
 Baldwin, R. 48
 Bar, L. 143
 Bark, J. 293
 Baron, B. J. 83, 186, 189
 Barton, J. L. 349
 Bauer 349
 Baumann 52
 Bazin, A. T. 112
 Beauchant 153
 Beco 208, 213, 214
 Beuermann, J. A. 232
 Bennett 87, 89, 90
 Berens, T. P. 137
 Bergengrun 50
 Bernstein, E. J. 302
 Bernsheim, P. 153
 Bezold, F. 172
 Bienenstock 152
 Billet, 167
 Bing 205
 Birkett 73
 Black, A. M. 296
 Blackstein 33
 Bianchi 50
 Bliss, A. A. 80
 Blondian, 331, 333
 Blumenfeld 45
 Boke 39, 40, 42
 Boland 215, 331
 Bolt, M. 215, 216, 220
 Bolton, B. M. 339
 Bonain 145
 Bond 81, 84, 85, 86, 87, 88
 Bonnier, P. 30, 172
 Borwick, T. 340
 Bosworth 197

 Boulay, M. 28
 Boylan, J. E. 17
 Braat 216
 Brady 90
 Branca 354
 Brannan, J. W. 227
 Brindel 146
 Broeckhaert, 334, 335
 Brondgeest 220
 Brown, J. P. 350
 Browne L. 187, 190, 196,
 309
 Brown, M. R. 65, 123
 Bruns 32
 Bubere 350
 Buys 215
 Burger 218, 219
 Burnett, C. A. 172

 Campbell, J. T. 47
 Capart 326, 330, 331, 334
 Casselberry, W. E. 10, 15,
 19, 66, 67
 Castex 146
 Chapard 296
 Chapman, S. H. 80
 Chappell, W. F. 134, 136,
 137
 Chassey 295
 Cheatle, A. H. 356
 Chiari 151, 275, 276, 282,
 283
 Chincini 245
 Christy, T. C. 105, 107
 Clark, A. 355
 Clark, B. F. R. 47
 Clark, G. P. 117
 Clark, L. P. 357
 Clarkson, A. 243
 Clayton 303
 Coakley, C. C. 229
 Coffin, 141
 Coleridge, A. 69
 Colin 325
 Compaired 118, 350
 Cott, G. F. 350
 Courtade 173
 Coyne, C. 173
 Curtis, H. H. 95, 96, 98,
 138
 Daly, W. H. 6
 Danziger, F. 173
 Day, E. W. 99, 104, 105

 Dench, E. B. 96, 99,
 101, 107, 109, 174
 Delavan, D. B. 10, 13
 Delie 207
 Delsaux 208, 331
 Delstanche 208, 214
 Demme 222, 290
 Denker, A. 357
 De Roaldes, A. W. 11,
 17, 19, 73, 78
 De Santi 91, 307
 Deuker, A. 174
 Donaldson, E. 357
 Douglas, D. 139
 Draer 45
 Dreyfuss 288
 Dubost 293

 Elstein 151, 233, 272,
 283
 Eeman 213, 215, 330, 337
 Egger, L. 144, 343
 Egidi 115
 Ernest, F. H. 227
 Erselberg 168
 Escat 29, 233, 297
 Evans, T. C. 164
 Ewald 32

 Faksch, 33
 Falt 35
 Farlow, J. W. 80
 Fischer 52
 Flack, L. F. 45
 Flatau, Th. 223, 224,
 289, 290, 291
 Flick, L. F. 346
 Formanek 52
 Franc-Hochwart 250
 Frank 158
 Fränkel, B. 222, 223, 225,
 289, 291, 292
 Franklin, M. 351
 French, T. R. 11, 65
 Fridenbergh, P. A. 358
 Frothingham, R. 109
 Furet, F. 148
 Furst, L. 157

 Galatti 351
 Gardiner, H. B. 57
 Gaudner, B. 298
 Garei 27
 Gaultier, L. 205

- Gellé 142, 145, 303, 325, 326
 Getchell, A. C. 96
 Gevaert, 215, 335, 336
 Gib, J. 352
 Gillette, A. J. 298
 Glaser 230
 Gleason, E. B. 57
 Gleitsmann, J. W. 70, 71, 134, 135, 136, 139, 141, 158
 Glover 352
 Gluck 222, 288
 Gompertz 34, 206, 262, 267, 268
 Goris 331, 334, 335
 Gossage A. M. 293
 Gottlieb 33, 52
 Gouguenheim 210, 331, 338
 Grabower 291, 292
 Gradenigo 54
 Grant, D. 31, 32, 89, 185, 188, 189
 Gruber, J. 37, 202, 203, 251, 253, 264, 268
 Grumach 233
 Guement 51
 Guye 110, 215, 216, 217, 219
- Habermann, J. 234
 Hajek 221, 275, 278, 282
 Haldermann, S. S. 230
 Hall, De H. 84, 86, 90
 Hamilton, T. H. 168
 Hammerschlag 268
 Hance 135
 Hansell, H. F. 158
 Harris, T. J. 131, 132, 136
 Hausmann 33
 Heddaeus 241
 Hedderich 286
 Helbnig 295
 Heller, S. 198
 Helme 26, 326
 Hengst, D. A. 105
 Hennebert 210, 211
 Hennig 53, 340
 Heryng, T. 168, 235
 Herzfeld 289, 290
 Heubner 33
 Heymann, P. 178, 222, 223, 289, 291, 305
 Hill, W. 31, 82, 89, 189, 190, 197
 Hitchcock 81
 Hodge, G. 240
 Hodgkinson 308
 Holloway, W. G. 128
 Holt, E. E. 96, 104, 107
 Holz 291
- Hoskovec 52
 Hubbard, T. 11, 13, 17, 77, 78, 98
 Hubbell, A. A. 174
 Huysman 215, 218
- Ingals, E. F. 9, 11, 13, 18, 77
 Ingram, C. W. 345
 Irwin, H. O. 340
- Jaboulay 29
 Jaquet 331
 Joal 113, 149
 Johnson, R. 31
 Johnson, S. 80
 Johnson, W. B. 107, 109
 Jouchery 145
 Jurasz 286
- Kanthack, A. A. 293
 Kassowitz 45, 294
 Kast 33
 Katzenstein 292, 293
 Kaufmann, 34, 263
 Kayser, R. 164
 Kellock, T. H. 341
 Kelly, A. B. 365
 Kelson, W. H. 180
 Keen, W. W. 298
 Kemenyffy 352
 Kenefick, T. A. 358
 Kenny, A. L. 158
 Kent-Hughes 20, 160
 Killian, G. 285, 288, 289
 Kirstein, A. 224, 284, 288, 292, 300
 Klemperer 286
 Knight, F. L. 69, 74, 139
 Knox, D. N. 165
 Koch, P. 210
 Koeppe 355
 Kolpik 47
 Kortright, J. L. 230
 Koschier 150, 236, 275, 352
 Krebs, G. 170, 236
 Kreidl, A. 36
 Krepuska 39, 43
 Krückmann 154
 Kuttner 224, 290
- Labit 147
 Lack, L. 87, 88, 89, 115
 Lacroix, P. 326
 Lacoarret 30, 344
 Lahs 46
 Lake, R. 61, 190, 193, 358
 Lament 211
 Landgraf 225
 Langfeldt 241
 Lannois 29, 358, 359
 Lape, E. 48
 Laurens, G. 49
- Lautenbach, L. J. 359
 Lavrand 148
 Leland, G. A. 10, 11
 Lemoyez 29
 Levy, R. 101, 106, 107
 Lewin G. 225
 Lichtwitz 160, 326
 Lohrstorfer, F. 353
 Loos 341
 Lubet-Barbon 28
 Lubinski 287
 Luc 149, 326
- MacCoy, A. W. 68
 Macintyre 20
 Mackenzie, H. 298
 Mackenzie, J. N. 10
 Mager 237
 Magnus-Levy 33
 Makuen, G. H. 95, 104, 107, 161
 Mandelstamm 175
 Manley, T. H. 172
 Marsh, E. L. 155
 Marsh, F. 116, 118
 Martin, A. 28
 Martin, S. 46, 341
 Martin, W. 303
 Massei, F. 50, 237, 239, 299
 Max 206
 Mayer 132, 135, 141
 McWeeney 34
 Meeray, P. M. 344
 Mendel 148
 Menier 354
 Mermod 345
 Meyer, E. 222, 223, 224, 225, 289, 292
 Miakowski 33
 Milligan, W. 161, 192, 197, 315, 360
 Miot 146
 Moizard 299
 Moll 216, 217, 218
 Monti 342
 Moreau 48
 Motz 337
 Mounier 149
 Moure, E. J. 29, 119, 238
 Muller 33
 Mundort, G. T. 231
 Munger, C. E. 132, 134
 Myles, R. C. 49, 98, 99, 100, 104, 108, 151, 132, 136, 137, 138
- Nemai 39, 40, 41
 Newcomb, J. E. 132, 134, 136, 137, 138, 140
 Neurath 301
 Nichols, J. E. H. 10, 11, 19, 71, 101, 137

- Nixon, F. A. 33
 Noorden 33
 Noquet 215, 337, 338
 Nyulasy, F. A. 112

 Ostmann, D. 360, 364
 Otto, C. 116

 Paget, S. 242
 Paiget 299
 Paltauf 40
 Panzer 270, 273, 281
 Passow 56
 Pearce, E. A. 347
 Peck, G. A. 116
 Pegler, H. 88, 191, 193
 Pel 218
 Pflanz 342
 Phillips, W. C. 97, 98,
 99, 100, 103, 132, 141
 Piergilli, B. 233
 Planat 175
 Pocher, W. P. 11, 13, 77,
 347
 Poliak 41
 Politzer, A. 35, 204, 250,
 251, 256, 258, 263
 Pollak, J. 266
 Pöls 147
 Pooley, T. R. 93, 99, 361
 Porter, W. 80
 Potter, F. 90
 Poulson, K. 119
 Poulsson, E. 114
 Poyet 25
 Price, W. H. 344
 Pritchard, U. 121
 Proebsting 287

 Quer 307
 Quinlan 59, 136, 138, 141

 Rankin, D. N. 66
 Raoult 144
 Raugé, P. 111, 147, 176,
 353
 Rehn 33
 Reinbach 355
 Reinhard 217, 219
 Rethi 151, 273
 Rice, C. C. 11, 77, 139,
 140, 141
 Richards, M. 342
 Richardson, C. W. 98, 99,
 100, 304
 Richey, S. O. 166
 Richter 53
 Roe, J. O. 7, 11, 13, 77
 Roos 33
 Root, A. G. 106, 109

 Rosenberg, A. 290
 Rosenfeld 33, 288
 Roth 273, 281
 Rousseaux 211
 Rowland, S. 58, 178
 Rubens 46
 Rueda 120
 Rupp, A. 140, 141
 Russell 155
 Rutten 213

 Sattler, E. E. 162
 Savery, F. 301
 Scatliffe 185, 197
 Schadewaldt 289
 Scheff 220, 274
 Scheibe, A. 176
 Scheppegrell, W. 347
 Schiffers, 208, 331
 Schmidt, J. 33
 Schmidt 342, 344
 Schötz 222, 292
 Schrötter 362
 Schultze 33
 Schuster 33
 Seiler, C. 10, 11, 13, 14,
 80, 163
 Semon, F. 51, 85, 88, 89,
 92, 93, 301
 Senator 33
 Sheppard, J. E. 100
 Shields, C. M. 10, 18
 Siefert 287
 Siethoff, T. 217
 Sikkell, A. 218
 Simonin 149
 Simpson, W. K. 10, 17,
 73, 75, 136, 137, 138
 Skier 49
 Smith, G. 58
 Smith 134
 Snow, S. F. 97, 106
 Solis-Cohen, S. 70
 Somers, L. S. 55
 Sorensen 113, 295
 Spencer, W. G. 85, 89, 91
 Spicer, S. 85, 88, 89, 90,
 91
 Spira, R. 249, 251
 Steinberger 342
 Stern, L. 177
 Stewart, W. R. II. 85, 89,
 92
 Stipantis 40, 41
 Stoerk 151, 221, 283
 Stoker, G. 187, 189, 194,
 198, 301
 Stowell, W. L. 227
 Straight, H. S. 345
 Struck, C. 231
 Swan, H. L. 14, 78

 Swoboda 348
 Szenes 40, 42

 Taylor, S. 48
 Terrier, F. 353
 Thoyer-Kozat 296
 Thomas, 33
 Thomson, S. A. 51
 Thomson, StC. 82
 Thomson, W. H. 227
 Thornton, B. 304
 Tilley, H. 88, 89, 348
 Tissier 49
 Treitel 223
 Tsergin 48
 Turner, A. J. 254.

 Urbantschitsch 200, 202,
 250, 259, 263

 Vacher 144
 Van Anrooy, H. 219
 Van der Heide, W. 217,
 219
 Van der Poel, S. O. 9, 81
 Vissman, W. 231

 Wagner, H. L. 67
 Wagner 146, 214, 331,
 338
 Waldvogel 48
 Wall, G. A. 304
 Walsh, J. J. 344
 Ward, E. 117
 Wartmann 47
 Wassermann 343
 Waterhouse, H. F. 299
 Watson, A. W. 8
 Weil 151, 221, 269, 271,
 276, 281
 Weissmann 326
 Werhovsky, B. 177
 Whistler, McN. 238
 Wilbur, C. L. 343
 Wilkens, 365
 Wilkin, G. C. 185
 Williams, W. 92
 Winkler, 239
 Winter, H. L. 241
 Winters, J. E. 227
 Wolf, M. 343
 Wolfenden, R. N. 1
 Woods, R. II. 34, 114,
 184, 185
 Wright, G. A. 49
 Wright, J. 14, 64, 66,
 132, 135, 136, 137, 138
 139, 141

 Zwaardemaker 218, 220
 Zwilling, 38 40, 41

