

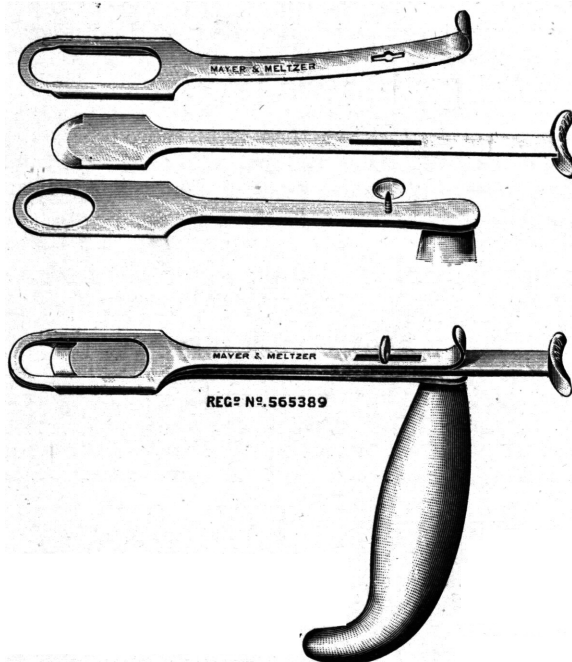
hence the author has been unusually successful with his originals, presuming the plates represent in any way his average results; and we may congratulate him on the production of a radiographic atlas which records excellent work and will be of very considerable service to practitioners in interpreting radiograms of their patients who are suffering from purulent sinusitis or mastoiditis.

P. Watson-Williams.

NEW INSTRUMENTS.

A SIMPLIFIED ASEPTIC MACKENZIE GUILLOTINE DEvised BY MR. HUGH E. JONES, F.R.C.S.

In spite of the many modifications and improvements which have been



made from time to time in Mackenzie's guillotine, some of its defects have been retained in one or other pattern and some are common to all:

(1) The difficulty of cleaning the groove and slot along which the blade passes.

(2) The large number of parts, some of which were small, easily detached and easily lost.

(3) The dependence of the instrument for its proper working upon two screws, the threads of which rapidly wore out, and the fact that these defects usually became manifest during an operation.

The writer has devised an instrument in which these defects have

been entirely eliminated. He is indebted to Messrs. Mayer and Meltzer for the great interest they have shown in the instrument and the pains they have taken to produce a really workmanlike tool.

The main points of the instrument may be summarised as follows:

(1) It consists of three separate parts instead of, as in most other patterns, six.

(2) There are no screws in it; the handle and turn-button which holds down the spring are permanently attached to the "bed-plate."

(3) The bed-plate has no grooves at the sides, or slot at the end, so that it can be cleaned perfectly in a few seconds.

(4) The spring and retaining sheath for the blade are in one piece, and, as the grooves are open, this part also can be cleaned in a few seconds.

(5) The handle is of an entirely new shape with a slight forward tilt and a forward curve at its extremity, giving great power of lateral pressure against the pillars of the fauces.¹

(6) The instrument can be taken to pieces and put together again in ten seconds by the watch.

(7) A nurse can thoroughly clean and polish the whole instrument, preparatory to sterilising or putting away, in three minutes.

(8) An extended trial shows that it is thoroughly efficient in its work, the blade being in perfect apposition to the "bed-plate," and held down by exactly the right amount of pressure applied in the right place.

BOOKS RECEIVED.

Handbuch der speciellen Chirurgie des Ohres und der Obren Luftwege.

By *Drs. L. Katz, H. Preysing, and F. Blumenfeld.* With coloured plates. 1 Bd. Liefer: 1 and 3. Würzburg: Curt Kabitsch (A. Stuber's Verlag), 1911.

New and Non-Official Remedies, 1911.—Articles accepted by the Council on Pharmacy and Chemistry of the American Medical Association prior to January 1, 1911. Chicago: Press of the American Medical Association, 1911.

Diseases of the Nose, Throat, and Ear, Medical and Surgical. By *William Lincoln Ballenger, M.D.,* Professor of Otology, etc., University of Illinois, etc. Third edition, revised and enlarged. Illustrated with 506 engravings and 22 plates. London: Henry Kimpton. Glasgow: Alexander Stenhouse, 1911.

¹ This handle has not been approved by all the users of the instrument, and trials are being made with other handles in order to discover the perfect universal handle.

*Myxosarcoma
Nasopharynx
Pterocoele
Hygroma*

INDEX TO VOLUME XXVI, 1911.

SUBJECTS.

	PAGE
Abductor paralysis, <i>see</i> Cords, vocal.	
Acoustic nerve, <i>see</i> Auditory nerve.	
Adductor paralysis, <i>see</i> Cords, vocal.	
Adenoids (J. Symington)	51
—— anæsthesia for removal of (F. Guyot, Lautmann, Rupprecht)	614, 382, 544
—— and the hypophysis (Citelli)	544
—— in school children (Macleod Yearsley)	51
—— intra-nasal extension of (A. Meyer)	437
—— operation for complications of (S. M. Bourack, Grossard and Kaufmann)	495-544, 614, 383
—— respiratory re-education of (Labouré)	614
—— with albuminuria, etc. (J. M. O'Meara)	613
Alæ nasi, collapse of, ætiology and operative cure of (M. Halle)	348
Alcohol intoxication, experimental (R. Bárány)	652
American Laryngological, Rhinological, and Otological Society	101, 151, 271, 317, 653
—— ——— President's Address (Logan)	101
—— ——— Rhinological and Otological Society	476, 536
Anæsthesia, nasal reflex during (J. Blumfeld)	493
Antrostomy, nasal, burr for (S. Hastings)	217
Antrum, maxillary, anatomy of (J. P. Schaeffer)	327
—— dentigerous cysts of (N. H. Pierce)	272
—— disease of, unusual (J. P. Clark)	50
—— empyema of, <i>see</i> Suppuration of.	
—— local anæsthesia of (G. Baril)	663
—— operation on, blocking of nasal duct (D. McKenzie)	215
—— osteoma of (Phillip)	483
—— radical operation on (W. L. Ballenger)	153
—— simple growths of (Kahler)	489
—— sarcoma of (H. J. Davis, O. Freer)	34, 440
—— suppuration of, followed by sarcoma (H. J. Davis)	34
—— suppuration of, in childhood (H. J. Davis)	35
—— tooth in (H. Tilley)	213
Aphonia (F. F. Muecke, L. W. Pegler)	217, 308
—— in a boy (W. J. Horne)	217
—— recurrent (G. Cathcart)	142
Arseno-benzol, <i>see</i> Salvarsan.	
Arytænoid abscess, primary (Curtis)	329
Asthma, endoscopic treatment of (W. Freudenthal)	537
—— nasal (Grossmann, Jay)	269, 493
—— (P. Watson Williams)	617
Auditory nerve, action of salvarsan upon (O. Beck, Benario, Desneux and Dujardin, Gander and Guggenheim)	317, 608, 499, 500, 501
—— acute posterior poliomyelitis affecting (J. R. Hunt)	165
—— and multiple sclerosis (O. Beck)	219
—— angio-neuritic paralysis of (M. Farquharson)	47
—— tumour involving (Urbantschitsch)	609

	PAGE
Austrian Otological Society	154, 312, 608, 650
Autokinesis interna and externa (von Stein)	445
Brain, complication of frontal sinusitis (J. S. Fraser, J. D. Lithgow)	45
——— exposure of, through nasal sinuses, etc. (Onódi)	435
——— topography of (Onódi)	435
——— <i>see also</i> Frontal lobe, Temporo-sphenoidal lobe, etc.	
British Medical Association, Birmingham Meeting, July, 1911	561, 599, 626 <i>et seq.</i>
Bronchiectasis due to foreign body, removal (H. Tilley)	211
Bronchoscopy (P. Watson-Williams and A. J. M. Wright)	525
——— for foreign bodies (H. Tilley, D. C. Green, Casselberry)	211, 276, 319, 525
——— treatment of asthma by (W. Freudenthal)	537
Bronchus, foreign body removed from (H. Tilley)	211
Caloric tests of posterior canal (Cheatle and Jenkins)	92
Canals, semicircular, external, fistula of (Bondy, W. Milligan, L. Sewell)	154, 90, 54
——— ——— posterior, exposed (Cheatle and Jenkins)	92
——— ——— superior, fistula of (S. Scott)	201
Cancer, disappearance of, case of (R. H. Woods)	495
Carotid artery, internal, rupture of (F. Nuernberg)	554
Cerebellum, abscess of (Bárány, J. S. Barr, Ruttin, W. Milligan)	313, 375, 314, 87, 88
——— ——— (P. Dortu)	669
——— ——— secondary to labyrinthitis (J. S. Barr, Bárány)	313, 375
——— ——— function of, tests for (Bárány)	444
——— ——— relationship of, with vestibular apparatus (R. Bárány)	393
——— ——— topography of (Bárány)	444
——— ——— trauma of (Bárány)	314
Cerebro-spinal rhinorrhœa (M. Farquharson)	47
Cheek, tumour of, radium (Walters and Finzi)	530
Colon bacillus, infection of throat by (C. B. Faunce)	494
Common colds (Honeij)	492
Cords, vocal, <i>see also</i> Larynx.	
——— ——— abductor paralysis of, bilateral, tracheotomy (W. Downie)	373
——— ——— epithelioma of (C. W. Richardson)	320
——— ——— nodes of (T. S. Flatau)	553
——— ——— treatment by cauterly (E. A. Peters, C. J. Koenig)	41, 330
——— ——— nystagmus of (W. G. Porter)	44
——— ——— paralysis of, recurrent (Broeckhaert, Levinstein)	496, 547
——— ——— ——— in mitral stenosis (Fetterolf and Norris)	552
——— ——— pathological anatomy of (F. Blumenfeld)	442
——— ——— tuberculosis of (L. H. Pegler)	137
——— ——— tumour of (J. Donelan)	140
——— ——— ulceration of (E. C. Cathcart)	85
Deaf, education of the (J. Kerr Love)	432
——— Welfare of the, Bureau for Promoting	448
Deaf Child, The (J. Kerr Love) (review)	503
Deafness after epidemic parotitis (L. Sewell)	557
——— after salvarsan (O. Beck)	650
——— diabetic (W. H. Merrill)	616
——— for conversation, peculiar vestibular reaction (Neumann)	159
——— from cicatricial occlusion of Eustachian tubes (D. R. Paterson)	406
——— from intestinal toxæmia (A. L. Whitehead)	415
——— test for, by noise machine (D. F. Shearer)	553
——— typhoid (P. Manassi)	111
——— unilateral, with vertigo (Dan McKenzie)	95
Dental cysts, pathology of (R. Hoffmann)	550

	PAGE
Diphtheria antitoxin, death following (S. F. McKeen)	665
— carriers (A. G. Macdonald)	384
Diphtheritic paralysis (A. Love)	665
Ear and Throat Department, Royal Infirmary, Edinburgh, Reports for year 1909	57
Ear, comparative anatomy of (W. J. Horne)	409
— (F. H. Westmacott)	416
— external, congenital tumours of (J. H. Evans)	53
— erysipelas and abscess of (A. H. Cheatle)	407
— exostosis of meatus (J. G. Connal)	426
— injuries of (W. Milligan)	258
— leprosy affecting (G. N. Biggs)	414
— internal, <i>see also</i> Labyrinth.	
— injuries of (C. A. Ballance)	260
— suppuration of. <i>See</i> Labyrinthitis, purulent.	
— surgery of, <i>see</i> Labyrinthotomy.	
— middle, acute inflammation of (A. J. Weil)	667
— catarrh of, chronic (M. Yearsley, H. Frey) (discussion)	626, 633, 643
— chronic, adhesive processes of (M. Yearsley, H. Frey) (discussion)	626, 633, 643
— disease of, prevention (A. Bardes)	277
— exostosis of (A. Cheatle)	93
— injuries of (W. Milligan, C. A. Ballance)	258, 260
— neoplasm of (W. H. Kelson)	204
— suppuration of, and nasal sinus suppuration (Coakley)	328
— capsulated bacteria in (H. B. Graham)	498
— from ozæna (Lannois and Jacod)	331
— from <i>Streptococcus mucosus</i> (Ruttin)	156
— meningitis (Ruttin)	156
— Lactic acid for (Stepinski, Haskins)	165, 498
— meningitis: recovery (L. Turner)	49
— ossiculectomy for (H. Tod)	109
— silver nitrate in (G. L. Richards)	53
— vaccine treatment of (Kopetsky)	164
— neurosis of (J. R. Page)	390
— from eye-strain (Theobald)	165
— symptoms in general diseases (J. J. Kyle)	112
Edinburgh Royal Infirmary, Ear and Throat Department, Reports for the year 1909	57
Ehrlich-Hata Remedy, <i>see</i> Salvarsan.	
Emphysema, subcutaneous, of neck, after removal of tonsils (B. D. Parish)	275
Endoscopy, <i>see</i> Bronchoscopy, etc.	
Epiglottis, epithelioma of (N. Patterson)	143
Ethmoid, bony cyst of (J. A. Thompson)	611
— <i>See also</i> Turbinal, middle.	
— carcinoma of (J. S. Barr)	376
— operation on; orbital cellulitis after (A. J. M. Wright)	529
— paralysis of third nerve after (A. J. M. Wright)	530
— sarcoma of, bilateral (W. Downie)	372
Ethmoiditis, non-suppurative (W. B. Chamberlain)	50
— visual fields in (G. F. C. Wallis)	252
Eustachian tube, deafness from cicatricial occlusion of (D. R. Paterson)	53
— development of (J. E. Frazer)	53
Extra-dural abscess from frontal sinusitis (J. S. Fraser)	45
— from primary mastoiditis (Halász)	498
— tracking into neck (H. J. Davis)	199
— with speech disturbances (Rudloff)	164
Fauces, fibroma of (A. Bronner)	36

	PAGE
Fibrolysin in otology (M. Yearsley)	225
Fistula-symptom (R. Bárány)	312
Foreign bodies, <i>see under</i> Regions.	
French Society of Laryngology, Otology and Rhinology	481
Frontal bone, necrosis of (W. Downie)	374
Frontal lobe of brain, otitic abscess of (P. Watson-Williams)	423
Frontal sinus, <i>see</i> Sinus, frontal.	
Glossitis, chronic (P. Watson-Williams)	529
Halle, University Aural Clinic at	204
Hay-Fever and Paroxysmal Sneezing (Vaso-Motor Rhinitis) (Eugene S. Yonge) (review)	223
Hay-fever, prophylactic inoculation for (L. Noon)	611
Hearing after radical mastoid (C. M. Brown)	447
——— effect of tobacco upon (H. O. Reik)	390
——— of railway employees (V. Grazzi)	668
——— physiology of (G. E. Shambaugh)	387
Hexamethylenamine, elimination of (Barton)	278
Hints for the General Practitioner in Rhinology and Laryngology (Johann Fein) (review)	54
Hungarian Society of Physicians, the Royal; Section—Rhino-Laryngology	432
Hypophysis, <i>see</i> Pituitary body.	
Influenza of nose and throat, recurrent (G. L. Goodale)	105
International Congress of Medicine at Budapest, Laryngological Section	145, 268, 378, 488
——— at London, 1913; Laryngological and Otological Sections; Officers	487
——— Laryngo-Rhinological Congress, Third, at Berlin	218, 280
——— Otological Congress, Ninth	519
Ionic medication (R. W. MacKenna)	611
JOURNAL OF LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY, THE	113
Jugular bulb, operations on (G. Tiefenthal)	525
——— vein, internal, ligature; rupture of carotid (F. Nuernberg)	554
Labyrinth, <i>see also</i> Ear, internal.	
——— effect of head-injury on (C. A. Ballance, Stenger)	260, 110
——— fistula of (Barany, Bondy, W. Milligan, S. Scott, L. Sewell)	312, 154, 90, 201, 54
——— necrosis of (F. H. Westmacott)	416
——— semicircular canals of, <i>see</i> Canals, semicircular.	
——— suppuration of (Dortu)	669
——— <i>see</i> Labyrinthitis, purulent.	
——— surgery of (Alexander, S. J. Kopetzky)	556, 498
——— syphilis of, in secondary stage (Hintze)	616
——— salvarsan in (O. Beck)	316, 317
Labyrinthine vertigo, treated by operation (G. J. Jenkins)	411
Labyrinthitis, latent (J. Harper)	553
——— pathology of (Max Görke)	398
——— purulent (P. D. Kerrison)	553
——— and cerebellar abscess (J. S. Barr)	375
——— ———— recovery (Ruttin)	314
——— fatal (J. S. Fraser)	46
——— operation (W. Milligan, L. Bondy)	89, 154
Labyrinthotomy (Bondy, W. Milligan, W. G. Porter)	154, 88, 44
Laryngeal nerve, superior, injection of alcohol into (L. Turner)	48
Laryngitis, chronic (W. Howarth)	304
——— treatment of (T. J. Faulder)	42

	PAGE
Laryngitis, typhoid (M. Paunz)	433
Laryngo-tracheal stenosis, treatment of (discussion) (V. Uchermann, etc.)	145
Laryngology, retrospect of	12
Laryngoscopy, direct (E. F. Ingals)	536
Larynx, <i>see also</i> Cords, vocal.	
abscess of, primary (Curtis)	329
cancer of (N. Patterson, L. H. Pegler, C. W. Richardson, P. Watson-Williams)	143, 139, 320, 208, 526
pathology (F. Blumenfeld, E. Schmiegelow)	442, 52
in early life (Marschick)	489
operative treatment of (Koschier)	546
party-wall of (L. H. Pegler)	214
radium for (Molinié)	486
slow evolution of (Moure)	485
stenosis, complete, from (StClair Thomson)	310
recurrence in glands, disappearance (R. H. Woods)	495
thyrotomy (Fournié)	218
comparative anatomy of (J. G. Wilson)	103, 386
congenital malformation of (M. Farquharson)	48
disease of; for diagnosis (A. J. Wright)	78
epithelioma of, <i>see</i> Larynx, cancer of.	
fibroma of (F. Tratman)	667
foreign body in (H. Dencker)	443
insufflator for (W. J. Horne)	309
intubation of, conditions ten years after (B. R. Shurly)	386
and tracheotomy (Citelli)	441
and fixation of tubes (Bonain)	486
instruments for (H. P. Mosher)	152
lupus of (Kelson, J. Safranek)	37, 434
myasthenia gravis affecting (S. Hastings)	40
necrotic inflammation of (E. Oppikofer)	667
neoplasms of (F. Powell)	144
papilloma of (M. Farquharson, Dan McKenzie)	48, 141
calciné magnesia for (R. Claoué)	386
long-continued (F. R. Packard)	323
subglottic (W. Downie)	373
unusual (Carter)	442
paralysis of recurrent (Broeckhaert, Levinstein)	496, 547
rigid resistances of (Scanes Spicer)	25
stenosis of (Uchermann, Thost)	145
complete, from epithelioma (StClair Thomson)	310
laryngotomy for (Sieur and Rouvillois)	484
syphilis of (H. Smith)	321
salvarsan in (Avellis, Safranek, Gerber)	501, 502
tuberculosis of (Jouty, L. H. Pegler)	490, 137, 215
chronic (C. A. Parker)	83
cure (C. Horsford)	43
direct laryngoscopy for (Claoué)	486
dysphagia, injection of alcohol (Logan Turner)	48
in a boy (W. J. Horne)	309
regional anæsthesia in (Sieur and Rouvillois)	615
simulated by foreign body (H. Dencker)	443
treatment of (Dundas Grant, P. Watson-Williams, G. S. Hett, and discussion)	561, 574, 582, 599
trichloroacetic acid in (K. Sytschow)	615
ventricles of, "stripping," in horses (F. Hobday)	205
Lepperts, Dr., retirement of	126
Lehrbuch der Ohrenheilkunde, by Dr. Victor Urbantschitsch (review)	56
Leprosy affecting external ear, etc. (G. N. Biggs)	414
nose (H. J. Davis)	31

	PAGE
Lingual thyroid, <i>see</i> Thyroid gland, lingual.	
Lip, chancres of, epidemic (J. F. Schamberg)	670
Lucae, the late Professor (Dundas Grant)	281
Lumbar drainage in meningeal infection (Wicart)	277
Mackenzie tonsillotome, improved (H. E. Jones)	335
Mastoid bone, cholesteatomatous cavity in (F. H. Westmacott)	416
— diploëtic infantile; unilateral suppuration (A. H. Cheatle)	408
— operation (C. J. Heath)	517
— comparison of methods of (J. C. Beck)	277
— encouragement of healing after (Reik)	332
— partial (G. Mahu)	1
— radical, improved hearing after (J. Adam)	377
— influence upon hearing (C. M. Brown)	447
— technique of Thiersch graft (Welty)	282
— wire saw in (V. S. Sein)	123
— process, <i>see</i> Mastoid bone.	
— suppuration of, <i>see</i> Mastoiditis.	
Mastoiditis, acute, Bier's method in (G. C. Cathcart)	95
— clinical and bacteriological study of (L. Turner and F. E. Reynolds)	57
— in infancy (G. Mathewson)	54
— intra-cranial complications of (L. Turner and F. E. Reynolds)	57
— primary (Halász)	498
— scarlatinal, extensive bone disease from (H. J. Davis)	198
Maxilla, superior, malformation of, unusual (H. Tilley)	137
Mediastinum, tumour of, death by asphyxia (Coakley)	322
"Medical Annual," The, 1910 (review)	55
— 1911 (review)	332
Membrana tympani, rupture of, in telephone operator (Veis)	163
Ménière's syndrome, treated by operation (G. J. Jenkins)	411
Meningitis from middle-ear suppuration (D. W. Drury)	331
— recovery (E. Ruthin, Logan Turner)	314, 49
— remarkable course (Ruttin)	315
— from mucosus otitis, delayed onset (Ruttin)	156
— lumbar drainage in (Wicart)	277
Mitral stenosis, recurrent paralysis in (Fetterolf and Norris)	552
Motor car, influence of, on upper air-passages (D. B. Delavan)	154
Mouth, lupus erythematosus of mucous membrane of (L. Lack)	217
Multiple sclerosis affecting auditory nerve (O. Beck)	219
Mumps, deafness after (L. Sewell)	557
Myasthenia gravis with laryngeal symptoms (S. Hastings, A. B. Kelly)	40, 425
Nasal duct, <i>see</i> Naso-lacrymal duct.	
— obstruction, <i>see</i> Nose, obstruction of.	
Naso-lacrymal duct, window-resection of (West)	328
Naso-pharyngoscope (Holmes, Emerson)	494
Naso-pharynx, cancer of (C. F. Theisen)	317
— in girl, aged seventeen (T. Guthrie)	449
— catarrh of, chronic, bacteriology of (C. E. West)	98
— high frequency for (David)	546
— epithelioma of (E. Law)	196
— lympho-sarcoma of (C. F. Theisen)	317
— polypus of (H. J. Davis, M. Farquharson)	36, 48
— fibro-mucous (Moure)	482
— fibrous (W. B. Chamberlain, Walker Downie, W. H. Kelson, W. A. Wells)	540, 372, 84, 539
— syphilitic obliteration of (Dan McKenzie)	216
Nerves, cranial, action of salvarsan upon (Benario, etc.)	499 <i>et seq.</i>

Index.

679

	PAGE
Nerves, cranial, in tabes dorsalis (W. Williams)	559
<i>See also</i> Vestibular apparatus.	
Neurasthenia, nasal phenomena of (C. P. Grayson)	101
Neuro-recurrence after salvarsan (Benario, Desneux and Dujardin H. Gander)	499 <i>et seq.</i>
<i>See also</i> Vestibular apparatus.	
Nodes, singers', galvano-cautery for (E. A. Peters, C. J. Koenig)	41, 330
Nose and throat, diseases of the (StClair Thomson) (review)	671
——— cancer of (W. Stuart Low)	50
——— ——— operative treatment of (Moure)	490
——— ——— treatment of (J. Price Brown)	325
——— catarrh of, acute, <i>see</i> Rhinitis.	
——— circulation of, connection with dura and orbit (G. E. Shambaugh)	105
——— deformity of, treated by paraffin (W. Downie)	371
——— ——— by transplanting costal cartilage (W. W. Carter, D. C. Greene)	273, 441
——— diseases of, injuries of the head and (Ziem)	127
——— ——— intra-cranial complications of (Freudenthal, Onodi)	379
——— ——— radium in (T. G. Ouston)	505
——— ——— relation to tuberculosis (Faracci)	491
——— ——— to oculo-orbital diseases (Baumgarten, Coffin, Cunningham, Frankenberger, StClair Thomson, Wallis)	160, 272, 338, 439, 531, 242, 511
——— influence of, on respiration (P. Watson-Williams)	617
——— irrigation for (Guthberlet)	276
——— lateral wall of, development of (J. P. Schaeffer)	662
——— leprosy of (H. J. Davis)	31
——— leukæmia causing abscesses of (Tunis)	385
——— lupus of, ionic medication for (R. W. MacKenna)	611
——— ——— Rouge's operation for (M. Farquharson)	47
——— myxoma of (Hajek and Polyak)	150
——— neoplasm of (W. J. Horne)	309
——— neurasthenic phenomena in (C. P. Grayson)	101
——— obstruction of, effects (R. Palleine)	549
——— physiology of (J. Adam)	288
——— polypus of; choanal (Láng)	492
——— ——— fibrous (Jacques and Bertemès)	483
——— ——— from inferior turbinals (J. Adam)	379
——— ——— malignant transformation of (H. J. Davis)	34
——— recurrent influenza affecting (G. L. Goodale)	105
——— reflex of, during anæsthesia (J. Blumfeld)	493
——— reflex neuroses of (W. S. Bryant)	390
——— sarcoma of, external operation (W. S. Syme)	429
——— septum of, deviations of (D. M. Officer)	610
——— ——— papilloma of (H. Arrowsmith)	440
——— ——— submucous resection of (Metzenbaum)	440
——— ——— ——— chisel for (H. Tilley)	31
——— ——— ——— instrument for (T. H. Pinder)	168
——— ——— window-resection of (Fein)	491
——— speculum for, simple (Jas. Donelan)	504
——— stenosis of, dental treatment of (Brown, Black)	328
——— synechiæ of, iodo-thiosinamine for (E. Fabri)	440
——— ——— treatment (Brindel)	481
——— surgery of (L. Löwe)	662
Nose, syphilis of (Lautmann)	491
——— salvarsan in (G. N. Biggs, Gerber, Safranek)	414, 502
——— syringobulbia affecting (A. B. Kelly)	424
——— Throat and Ear: A Manual of Diseases of (E. B. Gleason) (review)	278
——— ——— The Diseases of the (W. L. Ballenger) (review)	319
——— tuberculosis of (W. Hill)	145
——— ——— chronic (C. A. Parker)	83

	PAGE
Nose, vestibule of, primary chancre of (N. Patterson)	144
— retention cyst of (Logan Turner)	48
Nystagmus, vestibular, compensatory (E. Ruttin)	609
— explanation of (L. K. Guggenheim)	388
Ocular symptoms produced by nasal disease (E. Baumgarten, L. A. Coffin, H. H. B. Cunningham, StClair Thomson, O. Frankenberger, G. F. C. Wallis), (discussion)	160, 612, 272, 388, 439, 531, 242, 511, 531
Œsophago-gastroscope (W. Hill)	82, 134, 525
Œsophagoscope with expanding blades (W. Hill)	82
Œsophagoscopy, experiences (S. H. Large)	330
Œsophagus, cancer of (W. Hill, C. Watson-Williams)	307, 143
— radium in (C. Watson-Williams, C. Hope and N. S. Finzi)	525
— temporary cure (W. Hill)	43
— diverticula of (E. Mayer)	319
— foreign body in (N. Patterson)	79
— spasmodic stricture of (J. G. French)	37
Optic neuritis and ophthalmoplegia externa from sphenoidal disease (H. J. Davis)	33
— benefited by operation (H. Smith)	653
Orbital cellulitis after ethmoidal operation (A. J. M. Wright)	529
Ossiculectomy, value of (Hunter Tod)	109
Otic element of arctic whale (F. H. Westmacott)	416
Oto-laryngology, the teaching of (S. MacCuen Smith and discussion)	658
Otosclerosis (G. Brühl, O. Mayer)	294, 496
— histology of (O. Mayer)	497
— literature of (Froschels)	388
— pathology and situation of (G. Ferreri)	109
— traumatic (E. Ruttin)	316
Otology, retrospect of	20
Otorrhœa, <i>see</i> Ear, middle, suppuration of.	
Ouston (T. G.), obituary notice	560
Ovo-œsophago-gastric tube, permanent styletted (W. Hill)	307
Ozæna, <i>see</i> Rhinitis, atrophic.	
Palate, deficiency of, congenital (W. Downie)	374
— deformity of, with displaced pituitary body (A. Tweedie)	80
— endothelioma of, treated with radium (J. G. French)	209
— epithelial pearls of, and tumours (Di Colo)	491
— epithelioma (?) of (W. Stuart Low)	83
— soft adeno-carcinoma of (Cornet)	384
— paralysis of (W. S. Syme)	431
— perforation of (W. J. Horne)	309
— nystagmus of (W. G. Porter)	44
Paraffin, injection of, for nasal deformity (W. Downie)	371
Parotid, cystic adenoma of (W. Stuart-Low)	82
Pemphigus (W. Watson-Williams)	528
Periotic bones of fossil Cetacea (W. J. Horne)	409
Peritonsillar abscess, death from (S. W. Prowse)	664
— fatal (Thomson)	326
Pharyngitis, lateral (Schubiger)	325
Pharyngoscope, Hay's improved (H. Tilley)	303
Pharynx, cancer of (M. Farquharson, P. R. W. de Santi)	47, 307
— cancer of deep (W. Hill)	44
— removal (A. Evans)	443
— cancer, party-wall (C. Graham)	77
— surgery of (Castex)	490
— treated by radium (M. Farquharson, Scanes Spicer)	47, 86
— disease of, unique (Frese)	665
— neoplasm of (W. H. Kelson)	213

	PAGE
"606," <i>see</i> Salvarsan.	
Salivary glands, diseases of (discussion)	476
Salvarsan (Benario, etc.)	499
——— deafness after (O. Beck)	317, 608, 650
——— syphilitic, improved by (O. Beck)	316
——— effect upon labyrinth (G. Alexander, Benario, etc.)	389, 499 <i>et seq.</i>
——— in congenital syphilis (J. L. Bunch)	503
——— in diseases of larynx (G. Avellis)	501
——— in syphilis of nose (G. N. Biggs, Gerber, Safranek)	414, 502
——— instruments for injection of (Lieven)	86
——— Treatment of Syphilis by (review)	112
Scleroma, clinical aspect (Neumann)	488
——— distribution of (Irsai. Schrötter)	488
Scottish Otological and Laryngological Society	44, 371, 424
Sea-sickness, causation of (Bárány)	157
Semicircular canals, <i>see</i> Canals, semicircular, <i>and also</i> Vestibular apparatus.	
Semon Lectureship in Laryngology	337
——— Sir Felix, memorial to	523
Septum nasi, <i>see</i> Nose, septum of.	
Singer's nodes, <i>see</i> Cords, vocal.	
Sinus frontal, endothelioma of (N. Maclay)	301
——— intra-nasal drainage of (F. Ingals)	379
——— puncture of (Sieur and Rouvillois)	438
——— spongification of (Preysing)	549
——— suppuration of: acute: conjunctival oedema (A. J. M. Wright).	530
——— Killian's operation for (J. S. Fraser, R. Fullerton, W. S. Syme)	47, 428, 430
——— treatment of (J. S. Barr, J. Moore, Stuart-Low, StClair Thomson, Weil, P. Watson-Williams (discussion)	354, 355, 356, 357, 376, 380
——— with cerebral involvement (J. D. Lithgow)	45
——— Watson-Williams operation (Watson-Williams)	526
——— with extra-dural abscess (J. S. Fraser)	45
——— with necrosis of frontal bone (W. Downie)	374
——— surgery of (T. G. Gallaher)	656
——— lateral, thrombosis of (J. G. Connal, J. Kerr Love, W. C. Nourse, J. W. Wood)	427, 426, 94, 253
——— prostatic abscess (J. G. French)	520
——— sigmoid, <i>see</i> Sinus, lateral.	
——— sphenoidal, suppuration of, eye symptoms (H. J. Davis, G. F. C. Wallis)	33, 242
Sinuses, accessory, exostoses of (H. P. Mosher)	152
——— disease of, and ocular symptoms (Baumgarten, L. A. Coffin, Cunningham, Frankenberger, StClair Thomson, G. F. C. Wallis, Watson-Williams)	160, 272, 242, 338, 439, 511
——— suppuration of, and acute otitis media (Coakley)	558, 328
——— in scarlet fever (T. Hubbard)	657
——— brain, complications of (Onodi)	379
——— treatment of (Hajek)	378
——— vaccine treatment (Burkett and Meakins)	163
Sinusitis, anterior nasal visual fields in (G. F. C. Wallis)	511
Sixth cranial nerve, paralysis of, otitic (L. Leto)	616
Specialists, education of (C. M. Cobb)	278
Speziellen Chirurgie des Ohres, etc., Handbuch der (Drs. Katz, Preysing and Blumenfeld) (review)	503
Spheno-palatine ganglion, syndrome of neurosis of (G. Sluder)	151
Submucous resection, <i>see</i> Nose, septum of.	
Surdus in Search of his Hearing: An Exposure of Deafness Quacks (Evan Yellon) (review)	223

	PAGE
Syphilis, Treatment of, by the Ehrlich-Hata Remedy (review)	112
— <i>see also</i> Salvarsan.	
Syringo-bulbia affecting nose, etc. (A. B. Kelly)	424
Syringomyelia (Schrötter)	489
Tabes dorsalis, cranial nerves in (W. Williams)	559
Teeth, the, and diseases of mucous membranes (W. K. Sibley)	437
Telangiectasis of mouth, etc. (J. Safranek)	433
Temporal bone, types of fracture of (A. H. Cheatle, G. J. Jenkins)	267
Temporal lobe, <i>see</i> Temporo-sphenoidal lobe.	
Temporo-sphenoidal lobe, abscess of, (Pommerehne)	669
— — — — — operation, patient twenty-four years after (T. Barr)	371
— — — — — with rare eye symptoms (Barck)	497
— — — — — and frontal lobe abscess (P. Watson-Williams)	423
— — — — — tumour of, misleading symptoms (Ruttin)	609
Thrombo-kinase, hæmostatic (L. W. Strong).	560
Thyro-fissure, <i>see</i> Thyrotomy.	
Thyro-lingual cyst, removal of, acute thyroidism (H. J. Davis)	33
Thyroid cartilage, wounds of, cicatrization of (Strazza)	147
— — — — — gland, diseases of, and the upper respiratory tract (R. S. Burt)	558
— — — — — suppurative (I. Bahri)	558
— — — — — lingual (G. W. Badgerow, Berstein and Gellé)	142, 550
— — — — — (H. F. Smyth)	666
Thyrotomy, cicatrization after (Strazza)	147
— — — — — for papilloma (F. R. Packard, W. Downie)	323, 373
Tobacco deafness (Reik)	390
Tongue, black (C. H. Knight)	324
Tonsil, cancer of, cured by operation (M. H. Richardson)	665
— — — — — sarcoma of, in a child (L. C. Cline)	665
Tonsils, enucleation of (J. S. Fraser)	663
— — — — — faucial, cancer of (P. R. W. de Santi)	307
— — — — — — — — — primary (E. A. Peters)	139
— — — — — — — — — galvano-cautery for (O. Levinstein)	664
— — — — — — — — — cyst of (W. H. Kelson)	309
— — — — — — — — — disease of, doubtful diagnosis (S. Hastings)	137
— — — — — — — — — enucleation of, <i>see</i> Tonsillectomy.	
— — — — — — — — — evisceration of (C. G. L. Wood)	452
— — — — — — — — — improved Mackenzie guillotine for (H. E. Jones)	335
— — — — — — — — — lympho-sarcoma of (C. F. Theisen)	317
— — — — — — — — — operations on, choice of (G. A. Crockett)	326
— — — — — — — — — removal of: emphysema of neck after (B. D. Parish)	275
— — — — — — — — — — — — — followed by Basedow's disease (C. J. König)	275
— — — — — — — — — tuberculosis of (C. Graham, F. Rose)	136, 135
— — — — — — — — — ulceration of (L. H. Pegler)	139
— — — — — — — — — wounds of, bacteriology (A. W. MacCoy)	274
— — — — — pharyngeal, <i>see</i> Adenoids.	
Tonsillectomy (H. Arrowsmith, Blegvad, Freedman, K. Kofler)	390, 326, 495, 325
— — — — — hæmorrhage after (H. A. Barnes)	274
Tonsillitis due to <i>Bacillus coli</i> (C. B. Faunce)	494
Tonsillolith (C. A. Parker)	36
Trachea, fatal pressure on, by tumour (C. G. Coakley)	322
— — — — — foreign body in (Clark and Richardson)	276
— — — — — gumma of, death from (McCardie)	329
— — — — — stenosis of, dilatation (P. Laurens)	485
Tracheo-bronchoscopy (S. H. Large)	330
Tracheo-laryngostomy for stenosis (W. Hill)	304
Trauma in relation to otology (discussion)	258
Treatment of Syphilis by the Ehrlich-Hata Remedy, The (Dr. J. Bressler) (review)	112

	PAGE
Turbinal bone, middle: cyst of (H. Gaudier, P. Watson-Williams)	493, 529
Turbinated bodies and sinuses, function of (J. Adam)	288
— hypertrophy of, treated by electrolysis (M. Bresgen)	268
Tympanum, <i>see</i> Ear, middle.	
Typhoid deafness (P. Manasse)	111
— laryngitis (M. Paunz)	433
Urea-hydrochlorate and quinine as local anæsthetic (E. F. Ingals)	106
Uvula, pedunculated growth on (H. Tilley)	
Vaccine treatment (discussion)	318
— of accessory sinusitis (Burkett and Meakens)	163
— of middle-ear suppuration (Kopetsky)	164
— of pyorrhœa alveolaris (Williams)	552
— of scarlatinal rhinitis (Kolmer and Weston)	662
Vertigo, acute, case of (H. J. Davis)	199
— labyrinthine, non-infective, operation for (G. J. Jenkins)	411
— researches (von Stein)	445
— treated through Eustachian tube (E. M. Holmes)	668
Vestibular apparatus damaged by salvarsan (O. Beck)	316, 317
— effect of salvarsan upon (G. Alexander)	389
<i>See also</i> Neuro-recurrence.	
— hyper-activity of, in tumour (Urbantschitsch)	609
— relationship with cerebellum (R. Bárány)	393
Vestibular reactions, effects of removal of parts of brain upon (Bauer and Leidler)	669
— peculiar (Neumann)	159
— varying (E. Urbantschitsch)	608
<i>See also</i> Nystagmus, vestibular, and Canals, semicircular.	
Vision, impairment of, from intra-nasal disease (E. Baumgarten)	160
Visual fields in anterior nasal sinusitis (G. F. C. Wallis)	511
— in sphenoid and ethmoid sinusitis (G. F. C. Wallis)	242
<i>See also</i> Ocular symptoms, etc.	
Voice, The Abuse of the Singing and Speaking, etc. (E. J. Moure and E. Bouyer, Fils, (review)	279
<i>See also</i> Phonetics.	
Wire saw in radical mastoid (V. S. Stein)	123
X-rays, <i>see</i> Radiography.	

AUTHORS.

ADAM (James), atrophic rhinitis	377
— hearing after mastoid operation	377
— œdema of face	377
— polypi from inferior turbinals	378
— turbinal and sinus function	288
ALEXANDER (G.), labyrinth surgery	556
— salvarsan	389
ARROWSMITH (H.), septal papilloma	440
— tonsil enucleation	390
AVELLIS (Georg), salvarsan	501
BADGEROW (Geo. W.), lingual thyroid	142
BAHRI (Ismet), thyroiditis	558
BALANCE (C. A.), injuries of ear	260
BALLENGER (W. L.), antrum operation	153
BÁRÁNY, alcohol intoxication	652
— (Robt.), cerebellar abscess	313

	PAGE
BÁRÁNY (Robt.), cerebellum and vestibular apparatus	393
—— labyrinth fistula	327
—— sea-sickness	115
—— tests for cerebellar function	444
—— trauma of cerebellum	314
BARCK, brain abscess	497
BARDES (A.), prevention of ear disease	277
BARIL (G.), regional anæsthesia	663
BARNES (H. A.), tonsillotomy	274
BARR (J. Stoddart), cerebellar abscess	375
—— ethmoidal cancer	376
—— frontal sinus operation	376
BARR (Thos.), temporo-sphenoidal abscess	371
BARTON, hexamethylenamine	278
BAUER (J.), and LEIDLER (R.), vestibular reflexes	669
BAUMGARTEN, early ozæna	270
BAUMGARTEN (E.), impairment of vision, etc.	160, 612
BECK (J. C.), mastoid operations	217
—— salivary glands	478
BECK (Oscar), deafness after salvarsan	650
—— multiple sclerosis	219
—— salvarsan	316, 317, 608
BERTEIN (P.), and GELLÉ (E.), lingual thyroids	550
BENARIO, neuro-recurrence after salvarsan	499
BIGGS (G. N.), leprosy	414
—— salvarsan	414
BLACK (N. M.), nasal stenosis	328
BLEGVAD, tonsillectomy	326
BLUMENFELD (Felix), laryngeal cancer	442
BLUMFELD (J.), nasal reflex	493
BONAIN, intubation	486
BONDY, labyrinthitis	154
BOURACK, adenoid operations	495, 544, 614
BRESGEN (M.), electrolysis	268
BRINDEL, synechiæ of nose	481
BRONNER (Adolph), faucial fibroma	36
BROWN (Clayton M.), radical mastoid	447
BROWN (G. V. J.), maxillary readjustment	328
BROWN (W. Langdon), rectal feeding	559
BRÜHL (Gustave), otosclerosis	294
BRYANT (W. Sohier), epidemic poliomyelitis	275
—— reflex neuroses	390
BUCKLIN (C. A.), pulmonary tuberculosis, etc.	455
BUNCH (J. S.), salvarsan	503
BURKETT (H. S.), and MEAKINS (J. C.), vaccine treatment	163
BURT (Shurley R.), thyroid gland	558
CARTER (W. W.), laryngeal papilloma	442
—— transplantation of bone, etc.	441
CASSELBERRY (W. E.), bronchoscopy	319
CASTEX, pharyngeal cancer	490
CATHCART (E. C.), acute mastoiditis	95
—— papilloma of pharynx	85
—— recurrent aphonia	142
—— ulceration of vocal cord	85
CHAMBERLAIN (W. B.), naso-pharyngeal fibroma	540
—— non-suppurative ethmoiditis	50
CHEATLE (A. H.), diploëtic mastoids	408
—— erysipelas of external meatus	407
—— exostosis	93
—— fractures of temporal bone	267

	PAGE
CHEATLE (A. H.), and JENKINS (G. J.), exposed posterior semicircular canal	92
CHIARI, ethmoidal fibroma	151
CITELLI, adenoids and the hypophysis	544
——— intubation	441
CLAOUÉ (R.), papilloma of larynx	386
——— laryngeal tuberculosis	486
CLARK (J. P.), maxillary antrum disease	50
——— and RICHARDSON (O.), foreign body in trachea	276
CLINE (L. C.), sarcoma of tonsil	665
COAKLEY (C. G.) mediastinal tumour	322
——— sinus suppuration, etc.	328, 558
COBB (C. M.), education of specialists	278
COLO (Di) palatal tumours	491
CONNAL (J. Galbraith), exostosis of ear	426
——— lateral sinus thrombosis	427
COFFIN (L. A.), sinusitis and eye symptoms	272
CORNET, epithelioma of palate	384
CROCKETT (E. A.), tonsil operations	326
CUNNINGHAM (H. H.), nose and eye	338
CURTIL, arytænoïd abscess	329
DAVID, high frequency	546
DAVIS (H. J.), extra-dural abscess	199
——— mastoiditis	198
——— maxillary antrum suppuration in childhood	35
——— nasal leprosy	31
——— naso-pharyngeal polypus	36
——— sarcoma of antrum	34, 145
——— thyro-lingual cyst	33
——— vertigo	199
DE SANTI (P. R. W.), cancer of pharynx	307
DELAVAN (D. B.), motor-car	154
DENCKER (H.), foreign body in larynx	443
DESNEUX and DUJARDIN, neuro-recurrence after salvarsan	500
DONELAN (J.), nasal speculum	504
——— swelling of vocal cord	140
DORTU (P.), cerebellar abscess	669
DOWNIE (Walker), bilateral abductor paralysis	373
——— congenital deficiency of palate	374
DOWNIE (Walker), ethmoidal sarcoma	372
——— naso-pharyngeal polypus	372
——— necrosis of frontal bone	374
——— paraffin injections	371
——— subglottic papilloma	373
DUVERGIE (J.) and BAIN (A.), sporotrichosis	438
EVANS (Arthur), pharyngeal cancer	443
EVANS (J. Howell), congenital auricular tumours	53
FABRI (E.), iodo-thiosinamine	440
FARACCI, tuberculosis	491
FARQUHARSON (Malcolm), choanal polypus	48
——— cerebro-spinal rhinorrhœa	47
——— epithelioma of pharynx	47
——— lupus of nose	47
——— papilloma of larynx	48
——— paralysis of acoustic nerve	47
FAULDER (T. Jefferson), chronic laryngitis	42
FAUNCE (C. B.), colon bacillus tonsillitis	494
FEIN, resection of septum	491

	PAGE
FERRERI (Gherardo), otosclerosis	109
FETTEROLF and NORRIS, recurrent paralysis	552
FINZI and HOPE (C. W. M.), œsophagoscopy and radium	525
FLATAU (T. S.), singers' nodes	553
FOURNIÉ, cancer of larynx	218
FRANKENBERGER (O.), ocular disturbances, etc.	439
FRASER (J. S.), enucleation of tonsils	663
——— frontal sinusitis, extra-dural abscess	45
——— Killian's operation	47
——— purulent labyrinthitis	46
——— and REYNOLDS (F. E.), ozæna	169
FRAZER (J. E.), development of Eustachian tube	53
FREEDMAN, tonsillectomy	495
FREER (O.), antral sarcoma	440
FRENCH (J. Gay), endothelioma of palate	209
——— lateral sinus thrombosis	520
——— œsophageal stricture	37
FRESE (Prof.), unique disease of mouth	665
FREUDENTHAL (Wolff), asthma	537
——— intra-cranial complications	379
——— radium	611
FREY, (H.), chronic adhesive processes of middle ear	633
FROESCHELS, otosclerosis	388
GALLAHER (T. G.), frontal sinus operation	656
GARDINER (W. T.), statistical tables	114
GAUDIER (H.), middle turbinal cyst	493
——— and GUGGENHEIM (H.), salvarsan	501
GERBER, salvarsan	502
GILL (Richard), retro-pharyngeal abscess	384
GOODALE (J. L.), influenza	105
GÖRKE (Max), labyrinthitis	398
GRAHAM (Cecil), pharyngeal cancer	77
——— tonsillar tuberculosis	136
GRAHAM (H. B.), acute otitis	498
GRANT (Dundas), laryngeal tuberculosis	561
——— Prof. Lucae	281
——— (reviews) 54, 55, 56, 112, 167, 223, 278, 279, 332, 448,	503
GRAYSON (C. P.), neurasthenia	101
GRAZZI (V.), hearing of railway employés	668
GREEN (D. Crosby), bronchoscopy	276
——— transplantation of rib, etc.	273
GROSSARD and KAUFMANN, adenoidectomy	383
GROSSMANN, nasal asthma	268
GUGGENHEIM (L. K.), vestibular nystagmus	388
GUTBERLET (W.), nasal irrigator	276
GUTHRIE (Thos.), cancer of naso-pharynx	449
GUYOT (F.), anæsthesia for adenoids	614
HAJEK, sinus suppuration	378
——— and POLYÁK, nasal myxoma	150
HALÁSZ (H.), extra-dural abscess	498
HALLE (Max), alæ nasi	348
HARPER (Jas.), latent labyrinthitis	553
HASKIN (W. H.), suppuration of middle ear	498
HASTINGS (Somerville), burr for nasal antrotomy	217
——— myasthenia gravis	40
——— tonsillar disease	137
HEATH (C. J.), mastoid operation	417
HELD (R. Johnson), salivary glands	476
HETT (G. Seccombe), laryngeal tuberculosis	582

	PAGE
HILL (Wm.), cancer of œsophagus	43, 307
——— cancer of pharynx	44
——— nasal tuberculosis	145
——— œsophagoscope with expanding blades	82
——— œsophago-gastroscopy	82, 134, 307
——— tracheo-laryngostomy	304
——— and HERSCHELL (G.), œsophago-gastroscopy	525
HINTZE (K.), labyrinth syphilis	616
HOBDAY (F.), ventricle-stripping, etc.	205
HOFFMANN (R.), maxillary cysts	550
HOLMES (E. M.), cure of vertigo	668
——— naso-pharyngoscope	494
HONEIJ, common colds	492
HORNE (W. Jobson), aphonia	217
——— fossil periotic bones	409
——— insufflator	309
——— neoplasm of nose	309
——— perforation of soft palate	309
——— tuberculosis of larynx	309
HORSFORD (C.), laryngeal tuberculosis	43
HOWARTH (Walter), chronic laryngitis	304
HUBBARD (Thos.), scarlatinal sinus suppuration	657
HUNT (J. Ramsay), poliomyelitis, etc.	165
INGALS (E. Fletcher), direct laryngoscope	536
——— frontal sinusitis	379
——— local anæsthesia	106, 278
INGERSOLL, syphilitic pharyngeal stenosis	273
IRSAI, scleroma	488
JACQUES and BERTEMÈS, fibrous polypus	483
JAY (Melville), asthma	493
JENKINS (G. J.), fractures of temporal bone	267
——— Ménière's syndrome, operation	411
——— and CHEATLE (A. H.), exposed posterior semicircular canal	92
JONES (H. E.), tonsil guillotine	335
JOUTY, laryngeal tuberculosis	490
KAHLER, antral neoplasms	489
KATZENSTEIN, phonation centres	548
KEITH (Prof.), remarks on displaced pituitary	80
KELLY (A. Brown), myasthenia gravis	425
——— syringobulbia	424
KELSON (W. H.), lupus of larynx	37
——— neoplasm of pharynx	213
——— neoplasm of tympanum	204
——— polypus of naso-pharynx	84
——— tonsillar cyst	309
KERRISON (Philip D.), purulent labyrinthitis	553
KNIGHT (C. H.), black tongue	324
KOENIG (C. J.), singers' nodes	330
——— tonsillotomy, etc.	275
KOFFLER (Karl), tonsillectomy	326
KOLMER and WESTON, scarlatinal rhinitis	662
KOPETSKY (S. J.), labyrinth surgery	498
——— vaccine therapy in otitis	164
KYLE (J. J.), ear symptoms in general disease	112
LABOURÉ (J.), adenoids	614
LACK (H. Lambert), lupus erythematosus of mouth	217
LÁNG, choanal polypus	492

	PAGE
LANNOIS and JOCOD, ozænatous otitis	331
LARGE (Seccord H.), tracheoscopy, etc.	330
LAUTMANN, adenoid operation	382, 552
—— nasal syphilis	491
LAURENS (P.), tracheal stenosis	485
LAW (E.), epithelioma of naso-pharynx	196
LETO (L.), paralysis of sixth nerve	616
LEVINSTEIN (O.), chronic tonsillitis	664
—— recurrent paralysis	496
LIEVEN, salvarsan	86
LITHGOW (J. D.), frontal sinusitis	45
LOGAN (J. E.), President's Address	101
LOVE (A.), diphtheritic paralysis	665
LOVE (J. Kerr), education of the deaf	432
—— lateral sinus thrombosis	426
LÖWE (Ludwig), nasal surgery	662
MCCARDIE (W. J.), tracheal gumma	329
MACCOY (A. W.), tonsil operation	274
MACDONALD (A. G.), diphtheria carriers	384
MACKENNA (R. W.), ionic medication	611
MCKEEN (S. F.), death following diphtheria antitoxin	665
MCKENZIE (Dan), blocking of nasal duct	215
—— laryngeal papilloma	141
—— obliteration of naso-pharynx	216
—— (review)	223
—— unilateral deafness	97
MACLAY (Neil), endothelioma of frontal bone	301
MAHU (Georges), partial mastoid operation	1
MANASSE (P.), typhoid deafness	111
MARSCHICK, laryngeal cancer	489
MATHEWSON (G. H.), mastoiditis	54
MAYER (Emil), œsophageal diverticula	319
MAYER (O.), otosclerosis	496
MEAKINS (J. C.), and BURKETT (H. S.), vaccine treatment	163
MERRILL (W. H.), diabetic deafness	616
METZENBAUM (M.), submucous resection	440
MEYER (A.), adenoids	437
MILLIGAN (W.), cerebellar abscess	87, 88
—— injuries of external and middle ear	258
—— labyrinth fistula	90
—— labyrinth operation	89
MIGNON, spasmodic rhinitis	482
MOORE (Irwin), frontal sinusitis	355
MOSHER (H. P.), intubation of larynx	152
—— sinus exostosis	152
MOURE, cancer of nose	490
—— laryngeal cancer	485
—— naso-pharyngeal polypus	483
MOURET, dehiscences of ear, etc.	458
MUECKE (F. F.), aphonia	217
MYLES (Robert C.), salivary glands	477
NATIER (Marcel), ozæna	324
NEUMANN, deafness for conversation	159
—— scleroma	488
NOON (L.), hay-fever	611
NOURSE (W. Chichele), lateral sinus thrombosis	94
NUERNBERG (F.), rupture of carotid	554
O'MEARA (J. M.), adenoids	613

	PAGE
OFFICER (D. McM.), septal deviation	610
ONODI (A.), embryonic cysts	434
——— exposure of brain, etc.	435
——— intra-cranial complications	379
——— recessus frontalis	434
OPPIKOFER (E.), gangrene of larynx, etc.	667
OUSTON (T. G.), radium	505
PACKARD (F. R.), laryngeal papilloma	323
PAGE (J. R.), reflex neuroses	390
PALEINE (Robert), nasal obstruction	549
PARISH (B. D.), subcutaneous emphysema, etc.	275
PARKER (Chas. A.), tonsillolith	36
PATTERSON (Norman), epiglottic cancer	143
——— denture in cesophagus	79
——— nasal chancre	142
PAUNZ (M.), typhoid laryngitis	433
PEGLER (L. H.), aphonia in a boy	308
——— cancer of larynx	139
——— laryngeal tuberculosis	137, 215
——— party-wall cancer	214
——— pharyngeal ulceration	139, 214
PETERS (E. A.), nodules of vocal cord	41
——— tonsillar cancer	139
PHILIP, osteoma of antrum	483
——— dentigerous cyst	272
PIERCE (N. H.), surgery of pituitary	271
PINDER (T. H.), submucous resection	168
POMMEREHNE (F.), temporo-sphenoidal abscess	669
PORTER (W. G.), labyrinthotomy	44
——— nystagmus of cord	44
POWELL (Fitzgerald), laryngeal neoplasm	144
PREYSING, spongification of frontal sinus	549
PRICE-BROWN (J.), cancer of nose, etc.	325
PROTA (G.), pharyngeal occlusion	437
PROWSE (S. W.), fatal quinsy	664
REIK (H. O.), mastoid operation	332
——— tobacco	390
REYNOLDS (F. E.), and FRASER (J. S.), ozæna	169
——— and TURNER (A. Logan), mastoid suppuration	57
RICHARDS (G. L.), silver nitrate in middle-ear suppuration	53
RICHARDSON (C. W.), epithelioma of larynx	320
RICHARDSON (M. H.), cancer of tonsil	665
ROSE (Frank), tuberculous tonsillitis	135
RUDLOFF (W.), extra-dural abscess	164
RUPPRECHT, tonsils and adenoids	544
RUTTIN (E.), labyrinthitis	314
——— mucosus otitis	156
——— ——— meningitis	156
——— otitic meningitis	315
——— otosclerosis	316
——— rotation nystagmus	609
——— temporo-sphenoidal tumour	609
SAFRANEK (J.), laryngeal lupus	434
——— telangiectasis	433
SCHAEFFER (J. P.), development of nose	662
——— maxillary antrum	327
SCHAMBERG (J. F.), epidemic chancre of lip	670
SCHMIEGELOW (E.), laryngeal cancer	52

	PAGE
SCHRÖTTER, scleroma	488
——— syringomyelia	489
SCHUBIGER, lateral pharyngitis	325
SCOTT (Sydney), fistula of labyrinth, etc.	201
SEWELL (Lindley), deafness from mumps	557
——— labyrinth fistula	54
SHAMBAUGH (G. E.), blood-vessels of nose, etc.	105
——— tone-perception	387
SHEARER (D. F.), noise machine	553
SHURLY (B. R.), intubation	386
SIBLEY (W. Knowsley), teeth, etc.	437
SIEMS, atrophic rhinitis	487
SIEUR and ROUVILLOIS, anæsthesia of larynx	615
——— frontal sinus	438
——— laryngostomy	484
SLUDER (G.), spheno-palatine ganglion	151
SMITH (Harmon), laryngeal syphilis	321
——— optic neuritis	653
SMITH (S. MacCuen), teaching of oto-laryngology	658
SMYTH (H. F.), lingual thyroid	666
SPICER (Scanes), cancer of pharynx	86
——— rigid resistances of larynx	25
STEIN (von), autokinesis, etc.	445
STEIN (V. Saxtorph), wire-saw	123
STENGER, trauma of internal ear	110
STEPINSKI, lactic acid	165
STRAZZA, wounds of thyroid cartilage	147
STRONG (L. W.), thrombo-kinase	560
STUART Low (W.), cancer of nose	50
——— cystic adenoma of parotid	82
——— epithelioma of palate	83
——— frontal sinusitis	356
SYME (W. S.), anæsthesia of palate, etc.	431
——— frontal sinus operation	430
——— sarcoma of nose	429
SYTSCHOW (K.), laryngeal tuberculosis	615
TAPTAS, M. W. (rhinitis caseosa)	108
THEISEN (C. F.), lympho-sarcoma of pharynx	317
THEOBALD (S.), reflex aural neuroses	165
THOMPSON (J. A.), bony ethmoidal cyst	611
THOMSON (J. J.), quinsy, fatal	326
THOMSON (StClair), frontal sinusitis	354
——— laryngeal epithelioma, stenosis	310
——— nose and eye	531
THOST, laryngeal stenosis	146
TIEFENTHAL, operation on jugular bulb	555
TILLEY (H.), bronchiectasis from foreign body	211
——— bronchoscopy	525
——— malformation of upper jaw	137
——— nasal chisel	31
——— pharyngoscope	303
——— tooth in maxillary antrum	213
——— uvular neoplasm	303
TOD (Hunter F.), ossiculectomy	109
TRATMAN (Frank), fibroma of larynx	667
TUNIS (J. P.), leukæmia, nasal abscesses	385
TURNER (Logan), laryngeal tuberculosis	48
——— meningitis, recovery	49
——— Reports of Ear and Throat Department	114
——— review	503