

whilst only the minority require extensive surgical interference. Even after extensive operation all cases are not cured, although as technique improves the percentage of failures will doubtless become less and less. Amongst the indications for operation in cases of mastoiditis the author gives a prominent place to the existence of leucocytosis, and considers that leucocytosis in conjunction with symptoms pointing to mastoid involvement justifies an exploratory opening of the mastoid cells.

In dealing with thrombosis of the lateral sinus, the author is in favour of ligating the jugular in every case, considering that it adds hardly any appreciable risk to the primary operation, whilst the fact that the main pathway of septic infection is shut off affords a material sense of security. Labyrinthine suppuration, cerebral and cerebellar abscess, and meningitis are successively dealt with.

In any doubtful case of intra-cranial complication the performance of lumbar puncture is strongly recommended, and the necessity of a microscopic and bacteriological examination of the fluid insisted upon.

In an appendix several useful papers are published dealing with such subjects as the value of paracentesis in acute suppurative otitis media, the localising symptoms of brain-abscess, the removal of the stapes for the relief of auditory vertigo, and the surgical exploration of the labyrinth after the method of Julien Bourguet.

The book will be found distinctly useful by all students of Otology, containing as it does many valuable hints and much sound advice. In any future edition it would be advisable to improve the character of several of the illustrations.

The Common-sense of Voice Development. By IRENE SAN CAROLO and PATRICK DANIEL. Baillière, Tindall & Cox, 1906.

The present work is comparatively free from extreme views. Thus it is interesting to read with regard to the "placing" of the voice, about which masters differ so widely, that "the truth appears to be a mean between all these different views, and the question is essentially one which has to be dealt with according to the various idiosyncrasies met with in different voices" (p. 160). The book is in two parts, the first treating of the "artistic view" and the second of the "medical view" of singing. These are by Madame San Carolo and Dr. P. Daniel respectively. It contains many valuable hints, and the theoretical explanations of the formation of the vowel-sounds (pp. 36, 37) as well as their practical applications (p. 184) are excellent. The production of the consonants (p. 175) and their use in moulding and controlling the resonating cavities (p. 182, etc.) are also well described. The work, though somewhat diffuse, is very readable and instructive. The authors are very reasonable in their pretensions, and on that account their book is likely to be all the more helpful.

NOTES.

At the invitation of the Committee of Management, Dr. DUNDAS GRANT has accepted the post of Surgeon to the Throat and Ear Department at the Hospital for Consumption, Brompton.

SPIROGRAPHS OR NASAL "BREATH PICTURES."—The practice of testing nasal patency by breathing upon a prepared surface is by no means new but its usefulness has been somewhat restricted by the want of a satisfactory material. Slate, glass, polished metals, all have their shortcomings, but I have now found that vulcanite with a medium polish gives a very reliable and faithful image. By placing the plate horizontally on the upper lip half an inch from the nostrils and giving one short and steady expiration, a well-defined steam impression results, which on evaporation affords a reliable and striking evidence of the actual and relative patency of the nostrils. The image may be temporarily fixed or rendered more conspicuous for demonstration purposes by lightly powdering it with calcined magnesia or fine starch. Small sheets of vulcanite with a suitable surface and of a convenient size are supplied by the Medical Supply Association, 228, Gray's Inn Road, London, W. C. WYAT WINGRAVE, M.D.

WELLCOME'S PHOTOGRAPHIC EXPOSURE RECORD AND DIARY, 1907.—This popular pocket-book has undergone its annual revision, and no efforts have been spared to bring the information right up to date. A glance at the table of plate speeds will be sufficient to convince the reader that the compiler has lost no time in adding particulars of the latest plates and film. The reliability of the figures given and the completeness of this list of plate speeds will certainly be very widely appreciated. As in previous issues, the monthly light tables face the mechanical calculator on the inside of the back cover. An entirely new series of examples illustrates the article on exposure and increases its value to the novice. The completeness of this information, combined with the simplicity and convenience of the mechanical calculator and light tables, renders the estimation of the correct exposure for any subject an easy matter.

The article on machine, tank, or stand development is very comprehensive and clearly describes the manipulation connected with these forms of development, which have of late occupied considerable attention.

The usual diary and memoranda pages are retained as in previous issues, but increased space is provided for the record of negative exposures, there being now room for 336 entries.

Each copy is accompanied by a folding card, for hanging up, giving useful information regarding the timing of development by the factoric method for various degrees of contrast, particulars of equivalent plate speed numbers according to the different systems in use, etc.

Two editions are issued as usual, one for the Northern Hemisphere and one for the Tropics and Southern Hemisphere. The familiar all-green canvas binding has been retained and the price is still 1s.

BOOKS RECEIVED.

Gorham Bacon, M.D., and Clarence John Blake, M.D. *A Manual of Otology.* Fourth edition. London: Henry Kimpton, 13, Furnival St., Holborn, E.C. 1907. 12s. net.

C. P. Grayson, M.D. *The Diseases of the Nose, Throat, and Ear.* Second edition. London: Henry Kimpton, 13, Furnival St., Holborn, E.C. 1907. 21s. net.

INDEX TO VOLUME XXII, 1907.

	PAGE
ABERCROMBIE (Dr. P. H.), tuberculoma of the naso-pharynx, with report on same	70
— adenitis	127
— thyrotomy performed for intrinsic laryngeal malignant disease	182
— — — — — a further case	184
— tuberculoid disease of the left tonsil	185
Abscess, brain- (Cowen, New York)	146
— of the right frontal lobe (W. Milligan)	166
— of the larynx (G. R. Crawford)	230
— extra-dural (Charles G. Lee)	261
Achondroplasia (Dr. Scanes Spicer)	57
Acute suppuration of the mastoid (Percy G. Goldsmith)	661
Adenitis (Dr. P. H. Abercrombie)	127
Adenoids: observations in 1000 operations (F. B. Sprague)	35
— new method of removing (Otto T. Freer)	226
— removal of (Dr. George L. Richards)	333
— the rational treatment of (Macleod Yearsley)	654
Adherent soft palate (Mr. H. Betham Robinson)	351
Adrenalin, the use of, to define new growths and infiltrations (StClair Thomson)	401
ALT (Dr. F.), the treatment of suppuration of the attic	48
ALTHOFF (E.), endotheliomata of the interior of the nose	230
Alypin, use of (A. Raoult and P. Pillemont)	237
AMBERG (Emil), otitis interna sinistra hæmorrhagica	144
American Laryngological Association: Twenty-ninth Annual Congress	331, 406, 456
— Thirtieth Annual Session	596
Anæsthetics, their uses and administration (Dudley Wilmot Buxton)	371
Anatomy, manual of (Alexander M. Buchanan)	480
Angeioma of the nose (Streitt)	140
Antrum disease, chronic, the treatment of (R. H. Johnston)	545
Aphemia (H. J. Davis)	210
Asepsis in the routine office work of the laryngologist, a problem in (Dr. Thomas Hubbard)	332
Asthma, a remedial inhalation for (A. Einhorn)	474
— the nasal treatment of (Bichaton)	655
Attic, suppuration of (Dr. F. Alt)	48
Auditory canal (external) abnormally short (L. A. Lawrence)	29
Aural massage, a new method of (C. J. Beck)	658
Austrian Otological Society, proceedings of	45, 467
Autoplasty for a cicatricial orifice (Paul Laurens)	160
AVELLIS (G.), shape of ventricles in singer's larynx	88
— laryngeal air-sacs in man	606
BACON (Gorham) and BLAKE (C. J.), a manual of otology	92
BALL (J. B.), cyst in floor of right nasal passage	49
— laryngeal disease (? syphilitic)	117
— laryngeal syphilis	250

	PAGE
BARR (J. Stoddart), purulent ear disease	90
—— otitic septic thrombosis, and report on same	96, 99
BARANY (Vienna), demonstration of two cases	46
—— reflex ocular movements	475
BARNES (H. A.), prophylaxis of post-operative diphtheria	316
BARWELL (H.), case of gumma of larynx	72, 84
—— tuberculous ulceration of the pharynx	83
—— ulceration of tonsil	134
—— laryngeal tumour	190
Basis cranii, fracture of the (W. Lange)	609
BECK (C. J.), a new method of aural massage	658
BEZOLD (Munich), the functional examination of the hearing with tuning-forks in menolateral deafness	89
BICHATON (Rheims), the nasal treatment of asthma	655
Bifid growth springing from a larynx	253
Bilateral abductor paralysis of larynx (Dr. Charles H. Knight)	456
BIRKETT (H. S.) and MUCKLESTON (H. S.), perichondritis of the larynx	656
BLAKE (C. J.) and BACON (Gorham), a manual of otology	92
—— and REIK (H. O.), operative otology, surgical pathology, and treatment of diseases of the ear	90
BOENNINGHAUS, bilateral cerebral disturbance of hearing with aphasia	236
—— theory of sound-conduction	607
BOISVEIL (Dr.), stuttering cured by operation	470
BOND (J. W.), preliminary laryngotomy	278
BOOTH (J. Mackenzie), teaching of ear and throat classes	93
BOSVIEL, glass syringe for irrigation of the ears	156
BOTELLA (Dr. E.), sarcoma of the middle ear	660
BOWEN (W. H.) and LAKE (R.), malignant disease of the external meatus	22
Brain-abscess (Alfred Wiener)	234
Brain localisation in intra-cranial lesions complicating aural diseases (S. MacCuen Smith)	664
BRANDEGEE (New York), pulmonary thrombosis, death from	146
British Laryngological, Rhinological, and Otological Association, proceedings of	63, 182, 357
—— review of the history of	318
British Medical Association: Seventy-fifth Annual Meeting	151
—— meeting at Exeter	374
—— proceedings of	587
British Sanatoria, annual description of	420
BROCK (W.), researches on the function of the semi-circular canals in health and in deaf-mutism	658
BROECKAERT (J.), endothelioma of the maxillary sinus	655
Bronchus: foreign body removed from the left bronchus of a male (Dr. D. R. Paterson)	179
—— foreign body in the left (L. Hirschland)	232
BRONNER (Dr. A.), enucleation of enlarged tonsils	249
BROWN (Price-), the spittoon as a sialogogue	406
BRYANT (New York), operation for recurrent middle-ear suppuration and mastoiditis	88
BRYANT (S.), preservation of hearing	279
BRYANT (W. Sohler), conservation of hearing in operations on the mastoid	204
BUCHANAN (Alexander M.), manual of anatomy	480
BUCKLIN (C. A.), hypertrophic nasal catarrh and complications	654
BURGER (H.), dermoid cyst of base of nose	140
BURROUGHS WELLCOME & Co., "Elixoid"	240, 280
—— therapeutic preparations	483
BUTLIN (H. T.), preliminary laryngotomy	279
BUXTON (Dudley Wilmot): anæsthetics, their uses and administration	371
Canals, semi-circular, in health and in deaf-mutism (W. Brock)	658

	PAGE
Cancer of the larynx (D. C. Greene)	415
—— of the fauces, inoperable (Dr. Scanes Spicer)	180
—— of larynx and pharynx (Dr. Scanes Spicer)	180
Cannula tracheotomy in right bronchus (M. Jaboulay)	143
Carcinoma of the larynx (Dr. E. Fletcher Ingals)	462
—— (primary) of the inferior turbinated body (W. W. Carter)	228
CAROLO (Irene San), the common-sense of voice-development	91
CARTER (W. W.), primary carcinoma of the inferior turbinated body	228
CASSELBERRY (William E.), laryngeal tuberculosis	473
CASTEX (M.), diffuse swelling on the posterior wall of the naso-pharynx and pharynx	159
—— epithelioma at the base of the tongue	159
—— laryngeal tuberculosis in a girl	159
—— tuberculosis of the larynx	159
—— old nervous aphonia	159
—— large polypus	159
—— slight epistaxis	159
—— facial paralysis	159
CASTEX (Dr.), hæmatoma of the auricle	470
Catarrh, hypertrophic nasal (C. A. Bucklin)	654
Catarrhal deafness (chronic), diannin in (A. Randall)	548
CATHCART (G. C.), a laryngeal cyst in arytaeno-epiglottidean fold	55
—— complete abductor paralysis	55
—— fibroma of larynx	121
—— ulceration in interarytaenoid space	55
CAUZARD, nasal obstruction and swelling of the left cheek	158
Cerebellar abscess (A. L. Whitehead)	108
—— —— (W. Milligan)	198
—— —— (L. B. Rawling)	236
—— —— a fatal case of (Chichele Nourse)	110
Cerebral abscess (Thos. H. Pinder)	244
—— —— and meningitis (Chichele Nourse)	359
Cerebro-spinal meningitis (C. F. Withington)	144
Cervical glands and larynx, malignant disease of (Chichele Nourse)	74
—— adenitis, with reference to mouth infection (F. D. Donoghue)	226
CHAPPELL (W. F.), large tumour of the laryngo-pharynx	337
CHAVANNE (F.) (Lyons), pain in the frontal sinus due to hysteria	140
CHEATLE (Arthur H.), chronic middle-ear suppuration	152, 223
—— surgical anatomy of the temporal bone from birth to adult life	419
—— infantile types of mastoid	256
CHERVIN (Dr.), the utility of oto-rhinology in cleft palate	471
CHEVAL (M.), wound of the meninges	547
CHEVAL (V.), wound of meninges, the brain, etc.	662
Cholesteatoma of the mastoid (R. Lake)	23
Chronic frontal sinus disease (Stuart Low)	355
—— suppurative otitis media, a fatal case of (James Donelan)	103
—— suppuration of the middle ear, the cure of (Mr. Charles Heath)	63
CIOCOLO and MARTUSCELLI, on the late effects of tracheotomy	657
Cleft palate, modern methods in the repair of (John B. Roberts)	597
—— operation for (G. Hudson-Makuen)	597
Clinical Society of the Brussels Hospital, wound of the meninges (M. Cheval)	547
COAKLEY (Dr. Cornelius G.), removal of papillomata of larynx	409
Cocaine, disagreeable symptoms following local use of (W. G. B. Harland)	237
—— (Charles M. Pratt)	237
COFFIN (Rockwell A.), new operation for correction of the nasal septum	228
COHN (G.), nasal tuberculosis	226
COLLIER (Mayo), laryngeal tuberculosis	68
—— double abductor paresis	69
—— epithelioma of floor of mouth	78

	PAGE
COLLIER (Mayo), bilateral abductor paresis	81
—— tubercle of the larynx	187
Columella, destruction of the (Dr. Donelan)	213
Contra-lateral disturbances of vision and blindness of nasal origin, the ætiology of (Professor Dr. A. Onodi)	382
COOLIDGE (A.), jun., vocal nodules in children	317, 474
Correction on the review of this Association	405
Corrosion casts (metallic) of the temporal bone (H. F. Mole)	95
COURTADE, soothing pain in tonsillitis	156
COWEN (New York), brain-abscess	146
CRAWFORD (G. R.), abscess of the larynx	230
Crico-arytænoid arthritis (G. Dupond)	656
Crico-thyrotomy without anæsthesia (Luc)	161
CRUET (Dr.), maladies de la Bouche	420
Cut throat, accidental (Dr. Robert Woods)	357
Cyst, dermoid, of base of nose (H. Burger)	140
—— in floor of right nasal passage (Dr. J. B. Ball)	49
—— in arytæno-epiglottidean fold (Dr. Cathcart)	55
—— in floor of nose (Mr. C. A. B. Horsford)	114
—— (mucous) of the frontal sinus (Sprenger)	203
Cysts of the larynx (E. Glas)	228
Cystoma of larynx (Dr. Jobson Horne)	115
DANIEL (Patrick), the common-sense of voice-development	91
DAVIS (H. J.), fissures on the tongue	164
—— papillomata of the larynx	165
—— aphemia	210
—— subacute laryngitis with ulceration	247
DAVIS (J. T.), ozæna for diagnosis	52
—— laryngeal neoplasm for diagnosis	53
Deaf, educational treatment of the (James Kerr Love)	428
Deafness, periodical central; death (Watson Williams)	34
—— chronic progressive (Dr. August Lucae)	665
—— of newborn child (von W. Koellreutter)	367
—— of syphilitic origin (Violet)	663
Dechlorisation, noises in the ear and (M. Lermoyez)	236
DENKER (A.) (Erlangen), operative treatment of malignant nasal growths	416
DE PONTIERE (L.), sarcoma of the ethmoid	655
DIONISIO (Ign.) (Torino), ozæna; suppuration of middle ear; chronic pharyngitis	477
Diphtheria, prophylaxis of post-operative (H. A. Barnes)	316
DIRIART and ROZIER, thyroid and trachea	142
Displacement of the larynx (H. Wichern)	142
DONELAN (James), chronic suppurative otitis media	103
—— left otitis media	221
—— marked hypertrophy	241, 269
—— acute left mastoiditis	271
—— destruction of the columella and portion of the nasal septum	213
DONOGHUE (F. D.), cervical adenitis, with reference to mouth infection	226
DOWNIE (Walker), sarcoma of the nose	653
DUPOND (G.), double crico-arytænoid arthritis	656
DUPUY (Homer), successes and failure in intubation	229
—— laryngeal tuberculosis	364
Ear, diseases of the (Hunter Tod)	666
EINHORN (A.) (Berlin), a remedial inhalation for asthma	474
“Elixoid,” Burroughs Welcome & Co.	280

	PAGE
Endo-laryngeal growth (StClair Thomson)	174
——— malignant (StClair Thomson)	209
Endothelioma of the throat (J. A. Logan)	201
——— of the maxillary sinus (J. Broeckaert)	655
Endotheliomata and other tumours of the neck (Wyatt Wingrave)	41
——— of the interior of the nose (E. Althoff)	230
Endotheliomatous infiltration and ulceration on the posterior wall of the lower pharynx (Dundas Grant)	254
Enucleation of enlarged tonsils (A. Bronner)	249
Epiglottis, cystoma of the (W. Jobson Horne)	245
Epistaxis, slight, without visible lesion in the nose (Castex)	159
Epithelioma of the tongue and larynx (E. Roughton)	56
——— of the floor of mouth (Mayo Collier)	78
——— of the tympanic mucosa (W. Milligan)	105
——— of the larynx (S. Mority)	344
——— (Jobson Horne)	354
——— (Scanes Spicer)	60, 118
——— (Zubet-Barbon)	157
——— (Henry L. Swain)	463
——— (Clement F. Thiesen)	465
——— pathological report on Dr. Abercrombie's case of (Wyatt Wingrave)	184
——— on the base of the tongue (Castex)	159
——— of the tonsil (A. Wylie)	66
——— (Harold Barwell)	134
ESCAT (E.), uses and value of galvano-cautery in various forms of laryngeal tuberculosis	229
Ethmoid, sarcoma of the (L. De Ponthiere)	655
Ethmoidal frontal cells shown in dissected skulls (StClair Thomson)	349
——— sinusitis (Verniewe, Ghent)	417
Exhibits at Exeter (Mayer and Meltzer)	481
——— (Maw, Son and Sons)	482
——— (Parke, Davis and Co.)	482
Exostosis of the frontal sinus (W. Milligan)	170
——— of the external auditory meatus (P. McBride)	243
Extensive submucous resection for septal deflection under local anaesthesia	346
Eye-grounds in otitic disease of the brain (Takabatake)	608
Facial paralysis (Castex)	159
——— (Lermoyez)	160
Facio-scapulo-humeral myopathy of nasal predominance (Dr. Pasquier)	137
FARLOW (Dr. John W.), spasm of the œsophagus	412
Faucial tonsils (John Hunter)	225
Fibro-lipoma (congenital) of the palatal tonsil (Zoliki, Strassburg)	138
Fibroma of larynx (Dr. G. C. Cathcart)	121
FISH (Henry Manning), thirty-six successive cases of optic neuritis	442, 530, 619
Fissures on the tongue (H. J. Davis)	164
Fixation of left vocal cord (Dr. Furniss Potter)	122
——— of the left cord from tuberculoma (Chichele Nourse)	187
——— pathological report on (Wyatt Wingrave)	188
FLOCKHART, DUNCAN and Co., therapeutic preparations	484
Fold sometimes to be found in front of the posterior nasal opening (W. G. Porter)	17
Forceps for removal of new growths in larynx, etc.	353
——— laryngeal (Dr. StClair Thomson)	353
Foreign bodies in upper respiratory and digestive tracks (Dr. John MacIntyre)	390
——— in the respiratory tract and œsophagus (Gustav Killian)	643

	PAGE
Formidine (Parke, Davis and Co.)	280
FOURNIÉ, pharyngeal pulse	157
Fracture of the base (W. Lange)	546
FREER (Otto T.), new method of removing adenoids through the nasal fossæ	226
FREYTAG (R.), labyrinthine diplacusis	368
FRIEDMAN (C.), objective tinnitus	235
Frontal sinus, pain in the, due to hysteria (F. Chavanne, Lyons)	140
— disease (Dr. E. A. Peters)	177
— (Maljutin, G. W.)	278
— suppuration (Dr. Herbert Tilley)	62
— chronic suppuration of the (Kramm)	227
— entrance of fluids into the, during forced irrigation of the antrum (Menzel)	655
— sinusitis, chronic (Mr. Stuart Low)	178
— (Mr. Stuart Low)	358
FROSE (A.), treatment of middle-ear suppuration	659
FURET, tuberculous laryngitis	157
Furunculosis, aural (Seligmann, Frankfort)	146
Galvano-cautery, uses and value of (E. Escat)	229
Gastric disturbance due to disease of the frontal sinus (J. A. Storek)	203
GAVELLO (G.), surgical treatment of maxillary sinusitis by the nasal route	606
German Otological Society: the sixteenth meeting	206
Glands of the floor of the mouth, throat symptoms caused by disease of the (Kretschmann)	137
GLAS (E.), cysts of the larynx	228
Glasgow Royal Infirmary: post-graduate courses	536
GLEGG (Wilfred), correspondence <i>re</i> Dr. Percival J. Hay	484
GLEITSMANN (Dr. J. W.) (New York), tuberculosis of the accessory sinuses of the nose	406
Goitre, removal of, from the tip of the tongue (C. Goris)	225
GOLDSMITH (Perry G.), primary bilateral mastoiditis	660
— acute suppuration of the mastoid	661
GOODALE (J. W.), examination of throat in chronic systemic infections	138
GOODALE (Dr. J. L.), systemic infection through the tonsillar ring	457
GORIS (C.), removal of a goitre from the tip of the tongue	225
GRANT (Dundas): appointment	91
— review of the history of the British Laryngological, Rhinological, and Otological Association	318
— a correction	405
— tumour of the pharyngo-glossus	356
— retrospect of otology	10
— extreme weakness of voice in a male	132
— lympho-sarcoma of base of tongue	133
— pharyngo-keratosis	215
— immobility of the left vocal cord	217
— lupus of the larynx	253
— endotheliomatous infiltration and ulceration of the posterior wall of the lower pharynx	254
— nævus of the pharynx	51
— ulceration of right half of larynx	130
GRAY (Albert A.), distribution of pigment in the labyrinth of vertebrates	22
— labyrinth of animals	368
GRAYSON (C. P.), the diseases of the nose, throat, and ear	92
GREEN (Dr. Stanley), sarcoma of tonsil	343
GREENE (D. C.), cancer of the larynx	415
Growth on left vocal cord (Mr. de Santi)	248
— removed from the larynx (H. Lambert Lack)	254
GRUNBERG (Karl), internal administration of potassium iodide	610

	PAGE
GUISEZ (M.), congenital stenosis	156
— three patients operated on for old-standing fronto-ethmoidal sinusitis	158
Gumma of larynx (Mr. Harold Barwell)	72, 84
— of external surface of left ala nasi (Mr. Herbert Tilley)	356
Hæmatoma of the auricle (Dr. Castex)	470
Hæmorrhage, morning buccal (Dr. Koenig)	472
HAMM (A.) and TORHORST (H.) (Strassburg), keratosis pharyngis	362
HAMMERSCHLAG (Victor), disturbance of speech in childhood	231
— multiple neurofibromata	467
HARLAND (W. G. B.), disagreeable symptoms following local use of cocaine	237
HARMON-SMITH (New York), radical operation for otitis media suppurativa	146
HASELTINE (Chicago), the septum nasi: a comparative study	653
HAY (Dr. Percival J.), correspondence on (Wilfred Glegg)	484
Hearing, bilateral cerebral disturbance of, with aphasia (Boeninghaus).	236
— preservation of (S. Bryant)	279
— conservation of, in operations on the mastoid (W. Sohier Bryant)	204
HEATH (Charles), ten cases illustrating the cure of chronic suppuration of the middle ear	63
— nasal polypus of twenty years' duration	75
— further series of cases illustrating the cure of chronic suppuration of the middle ear	76
HECHINGER (Julius), noma of the ear	547
HEIMENDINGER (A.) (Strassburg), pathological anatomy of maxillary antrum	364
Herpes zoster auris (D. G. Vail)	236
Herpetic inflammation of the geniculate ganglion (J. Ramsay Hunt)	657
HILL (Wm.), operative treatment in middle-ear disease	502
— discussion on	537
HINSBERG (V.) (Breslau), labyrinthine suppuration	147
— purulent inflammation of the labyrinth	664
HIRSCHLAND (L.), foreign body in left bronchus	232
HOELSCHER, purulent otitis	235
HOLMES (E. M.), retropharyngeal abscess	201
HORNE (Jobson), thoracic lympho-sarcoma	218
— epithelioma of larynx	354
— cystoma of larynx	115
— of the epiglottis	245
— the channels of infection in tuberculosis	281
— forceps for removal of new growths in larynx, etc.	353
— tumours of the ventricles of Morgagni	247
— differential diagnosis of tuberculosis, syphilis, and malignant disease of the larynx.	561
HORSFORD (C. A. B.), cyst in the floor of the nose	114
— tonsillar disease	119
Hospital for Diseases of the Throat, Golden Square, W.	423
— Central London Throat and Ear, King's Cross	424
— The Metropolitan Ear, Nose, and Throat, Grafton Street, W.	425
HUBBARD (Dr. Thomas), a problem in asepsis in the routine office work of the laryngologist	322
HUDSON (Makuen G.), operation for cleft palate	598
HUNT (Dr. J. Middlemass), lipoma of the trachea	181
HUNT (J. Ramsay), herpetic inflammation of the geniculate ganglion	657
HUNTER (John), faucial tonsils	225
Hypertrophy, marked, of the pharyngeal extremities of the Eustachian tubes (James Donelan)	241, 269

	PAGE
ILA (de Angelis), phlegmonous tonsillitis and its mode of formation	544
Inferior turbinate, histology of (I. Kubo)	201
——— human (I. Kubo)	202
INGALS (Dr. E. Fletcher), carcinoma of the larynx	462
Instruments (demonstration of), glass syringe for irrigation of the ears (M. Bosviel)	156
——— forceps for compressing the tonsil (Molinié and Vacher)	156
——— surgical (Mayer and Meltzer)	238
——— (Parke Davis and Co.)	239
International Laryngo-Rhinological Congress	205
——— Medical Congress	206
——— Otological Congress	206
Intra-nasal operation, fatal result from (G. L. Tobey, jun.)	363
Intra-tracheal medication (Edward C. Watson)	232
Intubation, successes and failures in (Homer Dupuy)	229
JABOULAY (M.), a tracheotomy cannula in the right bronchus	143
JACK and VERHOEFF, a case of chronic otitis media	658
JACKSON (Dr. Chevalier), tracheo-bronchoscopy, reports of cases	613
Jacobson's organ, persistent (Dr. Lambert Lack)	56
JOHNSTON (R. H.), the treatment of chronic antrum disease	545
JONES (H. E.), tumour of the pinna	21
JOUTY (Antoine), suppurative thrombo-phlebitis of lateral sinus and bulb of jugular	366
Jugular: surgical opening of the bulb of the jugular (Dr. Luc)	135
KELSON (W. H.), tumour of palate	115
——— ulceration of epiglottis and base of tongue	116
——— abnormality of neck	130
——— tubercular disease of the larynx	189
KENNON (B. R.) (Norfolk, Va.), sinus and jugular thrombosis	146
KEPPLER (Wilhelm), treatment of purulent otitis by congestive hyperæmia	234
Keratosis pharyngis (A. Hamm and H. Torhorst)	362
Killian's frontal sinus operation (H. P. Mosher, Boston)	139
KILLIAN (Gustav), the treatment of foreign bodies in the respiratory tract and œsophagus	643
KISHI (K.) (Formosa), otitic dyspepsia in infants	418
KNAPP (A.) (New York), infective sinus thrombosis	88
——— the radical operation in purulent otitis	145
——— primary cavernous sinus thrombosis	608
——— otitic meningitis	657
KNIGHT (Charles H.), bilateral abductor paralysis of the larynx	456
——— correspondence <i>re</i> error on page 348—of text-book on diseases of the nose and throat	484
KOELLREUTER (von W.), deafness of new-born child	367
KOENIG (M.), paraffin prothesis	331
KOERNER (O.), oto-sclerosis in the light of heredity	235
KOPETSKY (New York), acute purulent otitis and mastoiditis	89
KRAMM, intra-nasal treatment in chronic suppuration of the frontal sinus and the ethmoidal and sphenoidal cells	227
KRETSCHMANN (Magdeburg), throat symptoms caused by disease of the glands of the floor of the mouth	137
KUBO (I.), histology of inferior turbinate	201
——— human inferior turbinate	202
——— lobular hypertrophy of the turbinates	277
KUTTNER (A.) (Berlin): does the recurrent laryngeal nerve in man contain sensory fibres?	415

Index.

677

	PAGE
Labyrinth of animals (Dr. Albert A. Gray)	368
Labyrinthine deafness (Manasse) (Strasburg)	147
—— supuration (V. Hinsberg) (Breslau)	147
—— diplacusis (R. Freytag)	368
—— capsule, progressive spongification of the (N. H. Pierce)	663
LACK (Lambert), persistent Jacobson's organ	56
—— diseases of the nose and its accessory sinuses	370
—— growth removed from the larynx	254
LACROIX (Dr. P.), précis de laryngologie clinique et thérapeutique	238
LAKE (R.), extensive cholesteatoma of the mastoid	23
—— and BOWEN (W. H.), malignant disease of the external meatus	22
—— electric oto-masseur	259
LANGE (W.), fracture of the base	546
—— fracture of the basis cranii	609
LANGMAID (Dr. Samuel W.) (Boston), massage of the pharynx	408
LANGWORTHY (H. Glover), hysterical mastoid tenderness	607
Laryngeal air sacs in man (G. Avellis)	606
—— disease (? syphilitic) (Dr. J. B. Ball)	117
—— (intrinsic) malignant disease, thyrotomy performed for (Dr. P. H. Abercrombie)	182
—— ——— a further case	184
—— ——— nerve, recurrent (A. Kuttner and E. Meyer)	415
—— ——— papillomata in a child (M. le Marc'hadour)	329
—— ——— syphilis (J. B. Ball)	250
—— ——— tuberculosis in a girl aged thirteen (Castex)	159
—— ——— tumour (Mr. Harold Barwell)	190
—— ——— tuberculosis (Mr. Betham Robinson)	126
Laryngitis, subacute, with ulceration (H. J. Davis)	247
Laryngo-pharynx, large tumour of the (Dr. W. F. Chappell)	337
Laryngological Society of London, proceedings of	49, 111, 163,
Laryngologie, précis de (Dr. P. Lacroix)	238
Laryngology, retrospect of	1
Laryngoscopy, direct (Andrew Wylie)	578
Laryngotomy, preliminary (J. W. Bond)	278
—— ——— (Butlin, H. T.)	279
Larynx, shape of ventricles in the singer's larynx (G. Avellis)	88
—— contusion of the (E. Wertheim)	203
—— microscopic section of (Wyatt Wingrave)	249
LAURENS (Dr. G.), l'otite moyenne purulente aiguë et son traitement	369
LAURENS (Dr. Paul), spasmodic coryza, treated by means of pollutin	135
—— autoplasty for a cicatricial orifice	160
LAUZUN-BROWN, Workmen's Compensation Act, and injury to the nose	448
LAWRENCE (L. A.), abnormally short external auditory canal	29
LE BŒUF (L. G.), mutism in typhoid	35
LEE (Charles G.), extra-dural abscess	261
—— otitis media chronica	262
—— chronic suppurative otitis media	265
Lepto-meningitis (C. N. Spratt)	548
LERMOYEZ (M.), small crust in the olfactory slit	158
—— facial paralysis	160
—— noises in the ear and dechlorisation	236
Leucocyte count (Suckstorff, Hanover)	145
LEVINGER (Munich), pneumocele of the frontal sinus	416
LEWIS (R.), mastoiditis complicated by thrombosis of the left lateral petrosal and cavernous sinuses	548
LINK (G.), acute œdema of the pharynx	277
Lipoma of the trachea (Dr. J. Middlemass Hunt)	181
LOGAN (J. A.), endothelioma of the throat	201
L'otite moyenne purulente aiguë et son traitement (Dr. G. Laurens)	369
LOVE (James Kerr), educational treatment of the deaf	428

	PAGE
Low (Stuart), tumour in soft palate	125
——— report on (Dr. Wyatt Wingrave)	126
——— frontal sinusitis	178
LOWY (Hugo), microscopic sections of nasal polypi	163
LUBET-BARBON, epithelioma of the larynx	157
LUC (Dr.), surgical opening of bulb of jugular	135
——— crico-thyrotomy, without anæsthesia	161
LUCÆ (August), chronic progressive deafness	665
Lupus of palate and larynx treated with tuberculin R. (G. A. Peters)	175
——— of the larynx (Dundas Grant)	253
Lympho-sarcoma of base of tongue (Dr. Dundas Grant)	133
MACINTYRE (John), foreign bodies in the upper respiratory and digestive tracts	390
MACKENZIE (Dr. J. Nowland), true tubercular tumours of the larynx and trachea	379
MACLAREN (Roderick), the removal of enlarged tonsils	225
MAHU, spontaneous naso-labial angeioma	157
Maladies de la bouche (Dr. Cruet)	420
Maladies de la voix chantée (Dr. Perretière)	371
Malignant disease of the larynx (Sir Felix Semon)	550
——— (W. Jobson Horne)	561
——— growths of the larynx (Dr. J. Solis-Cohen)	461
——— nasal growths, operative treatment of (A. Denker, Erlangen)	416
MALJUTIN (E. N.), frontal sinus disease	278
MANASSE (Strasbourg), labyrinthine deafness	147
MANCIOLI (Rome), dry otitis	477
MANCIOLI (Tommaso), malattia dell'orecchio del naso e della gola	610
Manuel des maladies du tube digestif (Dr. Cruet)	420
MARC'HADOUR (M. le), extreme hypertrophy of the faucial and pharyngeal tonsils	329
——— and BRUDER (MM. le), otitis from measles	155
——— laryngeal papillomata in a child	329
MARTUSCELLI and CIOCILOLO, on the late effects of tracheotomy	657
Massage of the pharynx (Dr. Samuel W. Langmaid, Boston)	408
Mastoid, infantile types of (Arthur H. Cheatele)	256
——— operation for chronic middle-ear disease (W. Milligan)	195
——— radical (Chichele Nourse)	191
——— (Dr. Ruttin)	469
——— simple and radical (H. Neumann)	234
——— operations, prognosis of, in diabetic cases (E. L. Meierhof)	607
——— surgery	37
——— tenderness, hysterical (H. Glover Langworthy)	607
Mastoiditis, acute (L. R. Ryan)	477
——— left (James Donelan)	271
——— complicated by thrombosis (R. Lewis)	548
——— primary bilateral (Perry G. Goldsmith)	660
——— suppurative, its diagnosis and treatment (Gilbert Royce)	661
MAW, SON AND SONS, exhibits at Exeter	482
Maxillary antrum, pathological anatomy of (A. Heimendinger, Strassburg)	364
MAYER AND MELTZER, surgical instruments	238
——— exhibits at Exeter	481
McBRIDE (P.), exostosis of the external auditory meatus	243
——— a polypoid growth	246
Meatus (external), malignant disease of the	22
Medical Graduates' College and Polyclinic, 22, Chenies Street, W.C.	426
MEIERHOF (E. L.), prognosis of mastoid operations in diabetic cases	607
Melanos of the palate, primary (J. N. Roy)	652
Ménière's symptom complex in a hereditary deaf-mute (Dr. Ernest Urbantschitsch)	45

	PAGE
Meninges, wound of the (M. Cheval)	547, 662
Meningitis (septic) secondary to suppurative labyrinthitis (W. Milligan)	29
—— fatal (H. P. Mosher)	363
—— death from (H. Schwartze)	609
MENZEL, entrance of fluids into the frontal sinus during forced irrigation of the antrum	655
MEYER (E.) (Berlin): does the recurrent laryngeal nerve in man contain sensory fibres?	415
Middle-ear disease (operative), treatment in (Wm. Hill)	502
—— discussion on	537
—— suppuration, implication of the chorda tympani and tympanic plexus in (Macleod Yearsley)	399
—— treatment of (A. Frose)	659
MILLER (F. E.), vocal nodules	229
MILLIGAN (W.), abscess of the right frontal lobe	166
—— exostosis of the frontal sinus	170
—— cerebellar abscess	198
—— epithelioma of the tympanic mucosa	105
—— fracture of the base of the skull	273
—— septic meningitis secondary to suppurative labyrinthitis	29
—— squamous epithelioma	194
—— attempted suicide following a mastoid operation for chronic middle-ear disease	195
—— the treatment of chronic suppuration of the middle ear	486
—— discussion on	537
MILLS (Westley), voice production in singing and speaking	372, 611
MOLE (H. F.), metallic corrosion casts of the temporal bone	95
MOLINIÉ and VACHER, forceps for compressing the tonsil	156
Monolateral deafness (Bezold, Munich)	89
Morbid Growths Committee, report of the	343
MORITZ (Dr. S.), epithelioma of larynx	344
MORSE (J. L.), naso-pharynx in infancy	417
MOSHER (H. P.) (Boston), Killian's frontal sinus operation	139
—— fatal meningitis	363
—— pre-maxillary wings and deviations of the nasal septum	602
MOUNIER (Dr.), submucous resection of the nasal septum	472
Mouth diseases in glass-blowers (M. Scheier)	605
—— breathers (William Osler)	475
MUCKLESTON (H. S.), and H. S. BIRKETT, perichondritis of the larynx	656
Multiple neuro-fibromata (Dr. Hammerschlag)	467
Multi-sinusitis (Dr. StClair Thomson)	54
—— ethmoid removed from, a case of (Dr. StClair Thomson)	351
Mycelial infection of a tonsil (Wyatt Wingrave)	190
Nævoid distension of bony cancelli of middle turbinal (Dr. Wyatt Wingrave)	75
Nævus of the pharynx (Dr. Dundas Grant)	51
—— (Mr. Stuart-Low)	355
Naso-labial angioma, spontaneous (M. Mahu)	157
Nasal obstruction and swelling of the left cheek (Canyard)	158
—— polypi, microscopic sections of (Hugo Löwy)	163
—— determining cause of formation of (Eugene S. Young)	517
—— septum, new operation for correction of the (Rockwell A. Coffin)	228
—— straightening the (Dr. A. W. Watson)	335
—— pre-maxillary wings and deviations of the (Harris P. Mosher)	602
Naso-pharyngeal and meningitis as a complication of measles (Dr. Pasquier)	472
Naso-pharynx, tuberculoma of (Dr. P. H. Abercrombie)	70
—— and pharynx, diffused swelling on the posterior wall of (Castex)	159
—— in infancy (J. L. Morse)	417

	PAGE
Neck, abnormality of (Dr. Kelson)	130
Neoplasm, laryngeal (Dr. H. J. Davis)	53
Nervous aphonia, old (Castex)	159
NEUMANN (H.), a case with a peculiar otoscopic appearance	46
——— chronic purulent otorrhœa (pathological specimen)	47
——— simple and radical mastoid operation	234
——— post-operative perichondritis	468
——— thrombosis of the sinus	469
Nodules, vocal (F. E. Miller)	229
——— in children (A. Coolidge, jun.)	474
Noma of the ear (Julius Hechinger)	547
Nose and its accessory cavities, anatomy of (Ernst Oppikofer)	141
——— suction treatment in disease of the (Sondermann) (Dieringhausen)	142
——— and its accessory sinuses (H. Lambert Lack)	370
——— and throat, diseases of the, and their treatment (Chas. A. Parker)	370
——— foreign bodies in the nose as the result of accident (Pasch)	545
NOURSE (Chichele), retrospect of otology	10
——— malignant disease of the cervical glands and larynx	74
——— new growth in the pharynx	74
——— multiple sinusitis	85
——— cerebellar abscess, a fatal case of	110
——— cerebral abscess and meningitis	359
——— fixation of the left cord from tuberculoma of the left arytænoid region in a male	187
——— radical mastoid operation	191
——— frontal sinusitis	590
Nystagmus, severe rotary (Dr. Barany)	46
Ocular movements, reflex (Barany) (Vienna)	475
Œdema of the larynx, chronic (Dr. Scanes Spicer)	59
——— of the lower part of the forehead, etc. (Dr. Herbert Tilley)	60
——— of the pharynx, acute (G. Link)	277
Œsophagus, tuberculosis of the (v. Schroetter)	144
——— removal of foreign body from (D. D. Scannell)	232
——— spasm of the (Dr. John W. Farlow)	412
Ohrenheilkunde-Geschichte der (Dr. Adam Politzer)	477
Olfactory slit, small crust in (Lermoyez)	157
ONODI (Professor Dr. A.), the etiology of the contra-lateral disturbances of vision and blindness of nasal origin	382
——— correspondence <i>re</i> this paper (William Glegg)	484
Ophthalmological manifestations of latent disease of the nose and its accessory sinuses (Dr. Francis R. Packard)	411
OPPENHEIMER (Seymour), chronic suppuration of middle ear	279
OPPIKOFER (Ernst), anatomy of the nose and its accessory cavities	141
Optic neuritis, thirty-six successive cases of (Henry Manning Fish) 442, 530, 619	
OSLER (Professor William), mouth-breathers	475
Osteo-myelitis and deafness (Siebenmann)	654
Otitic brain abscesses (T. K. Sidley)	546
——— dyspepsia in infants (K. Kishi, Formosa)	418
——— meningitis (Arnold Knapp)	657
——— septic thrombosis (J. Stoddart Barr)	96
——— ——— report on (Dr. James Walker)	99
——— suppurations of the brain (Takabatake)	232
Otitis: acute purulent otitis and mastoiditis (Kopetsky, New York)	89
——— dry (Mancioli, Rome)	477
——— from measles (MM. le Marc'hadour and Bruder)	155
——— interna sinistra hæmorrhagica (Emil Amberg, Detroit)	144
——— media, acute suppurative (Herbert Tilley)	23
——— ——— purulent (Prof. D. Tanturri)	660
——— ——— chronica (Chas. G. Lee)	262

	PAGE
Otitis media, chronic suppurative (Chas. G. Lee)	265
——— (Jack and Verhoeff)	658
——— influenzal (Macleod Yearsley)	25
——— (left), chronic (James Donelan)	221
——— suppurativa, radical operation for (Harman-Smith, New York)	146
——— (suppurative median), attributed to the post-nasal douche	156
Otological Society of the United Kingdom, proceedings of 21, 95, 191, 221,	256
Otology, history of (Dr. Adam Politzer)	477
——— operative otology, surgical pathology, and treatment of diseases of the ear (C. J. Blake and H. O. Reik)	90
——— retrospect of (Dundas Grant and Chichele Nourse)	10
Oto-masseur, electric (Richard Lake)	259
Oto-rhinotomy, the utility of, in cleft palate (Dr. Chervin)	471
Otorrhœa, chronic purulent, pathological specimen (Dr. H. Neumann)	47
Oto-sclerosis in the light of heredity (O. Koerner)	235
Otosopic appearance, peculiar (Dr. H. Neumann)	46
Ozæna (Dr. H. J. Davis)	52
——— (Ign. Dionisio, Torino)	477
PACKARD (Dr. Francis R.), ophthalmological manifestations of latent disease of the nose and its accessory sinuses	411
Papillomata of the larynx (Betham Robinson)	171
——— (Charles Parker)	165
——— removal of (Cornelius C. Coakley)	409
——— removed from a larynx (Herbert Tilley)	254
Paraffin prosthesis (M. Koenig)	331
Paralysis, complete abductor (Dr. G. C. Cathcart)	55
——— of right half of tongue (Sir Felix Semon)	50
——— of sixth nerve (Terson, Toulouse, and A. Terson, Paris)	148
——— of the left cord (Dr. Andrew Wylie)	188
Paresis, bilateral abductor (Mayo Collier)	81
——— double abductor (Mayo Collier)	69
——— functional, of the palate (E. A. Peters)	176
Parisian Society of Laryngology, Otology, and Rhinology, Proceedings of	135, 329, 470
PARKE, DAVIS AND Co., exhibits at Exeter	482
——— "formidine"	280
——— surgical instruments	239
PARKER (Charles A.), diseases of nose and throat and their treatment	370
——— tuberculosis of the larynx	165
——— ulceration of right tonsil	134
PASCH, foreign bodies in the nose as the result of accident	545
PASQUIER (Dr.), facio-scapulo-humeral myopathy of nasal predominance	137
——— naso-pharyngeal and meningitis as a complication of measles	472
PATERSON (Dr. D. R.), foreign body removed from the left bronchus of a male	179
PERCEPIED, bilateral suppurative median otitis attributed to the post-nasal douche	156
Perforation of the soft palate (F. L. Yiegel)	225
Perichondritis, post-operative (Dr. Heinrich Neumann)	468
——— of the larynx (H. S. Birkett and H. S. Muckleston)	656
PERRETIÈRE (Dr.), maladies de la voix chantée	371
PETERS (E. A.), lupus of palate and larynx treated with tuberculin R.	175
——— functional paresis of the palate	176
——— tracheotomy for laryngeal obstruction	177
——— frontal sinus disease	177
Pharyngeal pulse (Fournie)	157
Pharyngitis, lateral (W. Uffenorde)	139
Pharyngo glossus, tumour of the (Dr. Dundas Grant)	356

	PAGE
Pharyngo-keratosis (Dr. Dundas Grant)	215
Pharynx, new growth in the (Mr. Chichele Nourse)	74
Phlegmonous tonsillitis and its mode of formation (de Angelis Ila)	544
PIERCE (N. H.), progressive spongification of the labyrinthine capsule	663
PINDER (Thos. H.), cerebral abscess	244
Pinna, tumour of the (H. E. Jones)	21
Plastic operation for retro-auricular fistula (Dr. Ernst Urbantschitsch)	467
Pneumocele of the frontal sinus (Levinger, Muncher)	416
Preparation of the tympanic membrane in affections of the middle ear	510
POLITZER (Professor), an anatomical preparation of a tympanic membrane from an unknown patient	46
—— presentation and address to	149
—— presentation to	208
POLITZER (Dr. Adam), geschichte der ohrenheilkunde	477
Polyneuritis, acute cerebral (S. Schoenborn)	607
Polypoid growth (Dr. P. McBride)	246
Polypus, nasal, twenty years' duration (Mr. Charles Heath)	75
—— large, which completely obliterated the right choana in a young man	159
PORTER (W. G.), fold sometimes to be found in front of the posterior nasal opening	17
Postgraduate College, West London	427
Potassium iodide, internal administration of (Dr. Carl Grünberg)	610
POTTER (Dr. Furniss), fixation of left vocal cord	122
—— tumour of nasal septum	124, 181
POWELL (Dr. Fitzgerald), sarcoma of the naso-pharynx	250
POWERS (G. H.), technique of submucous resection of nasal septum	364
Practical medical Series (Drs. Casey, A. Wood, Albert H. Andrews, and Gustavus P. Head)	372
PRATT (Charles M.), cocaine	237
Presentation to Professor Politzer	208
Prolapse, so-called, of the ventricle of Morgagni (StClair Thomson)	174
Pulmonary thrombosis, death from (Brandegee, New York)	146
Purulent inflammation of the labyrinth (V. Hinsberg)	664
—— otitis (Hoelscher)	235
—— treatment of, by congestive hyperæmia (Wilhelm Keppler)	234
Pyocyanous perichondritis, post-operative (Sarai, Tatsusaburo, Japan)	145
Radical operation in purulent otitis (A. Knapp, New York)	145
RANDALL (A.), Dionnin in chronic catarrhal deafness	548
RAOULT (A.) and PILLEMONT (P.), use of alypin	237
RAWLING (L. B.), cerebellar abscess	236
Recurrent middle-ear suppuration (Bryant, New York)	88
REIK (H. O.) and BLAKE (C. J.), operative otology, surgical pathology, and treatment of diseases of the ear	90
Respiratory and digestive tracts, foreign bodies in upper (John Macintyre)	390
Retropharyngeal abscess (E. M. Holmes)	201
Rhinology, Laryngology, and Otology, post-graduate teaching in	423
Rhinology, retrospect of	6
Rhino-scleroma of the naso-pharynx (StClair Thomson)	172
RICHARDS (Dr. George L.), removal of adenoids	333
ROALDES (Dr. A. W. de), an address by	331
ROBERTS (Dr. John B.), modern methods in the repair of cleft palate	597
ROBINSON (Betham), laryngeal tuberculosis	126
—— extensive papillomata of larynx	171
—— adherent soft palate	351
ROUGHTON (E.), epithelioma of the tongue and larynx	57
ROY (J. N.), vaseline oil in the dressing of the radical mastoid operation	585
—— primary melanosis of the palate	652
Royal Ear Hospital	427

	PAGE
Royal Society of Medicine	421
ROYCE (Gilbert), suppurative mastoiditis, its diagnosis and treatment	661
RUDLOFF (P.) (Wiesbaden), course of the sigmoid sinus in child's skull	144
RUTTIN (Dr.), radical mastoid operation	469
RYAN (L. R.), acute mastoiditis	477
SANTI (de), tertiary syphilitic laryngitis	116
— growth on left vocal cord	248
SARAI, TATSUSABURO (Japan), pyocyanus perichondritis, post operative	145
Sarcoma of the middle ear (Dr. E. Botella)	660
— of the naso-pharynx (Dr. Fitzgerald Powell)	250
— of the nose (Walker Downie)	653
— of the pharynx (Dr. Clement F. Theisen)	466
— of tonsil (Dr. Stanley Green)	343
SCANNELL (D. D.), removal of foreign body from œsophagus	232
SCHAEFER (F.) (Munich), remedial inhalation for asthma	474
SCHIEER (M.), diseases of the mouth in glass-blowers	605
SCHOENBORN (S.), acute cerebral polyneuritis	607
School children, aural and nasal examination of (D. H. Walker)	144
— Hygiene, The Second International Congress of (MacLeod Yearsley)	451
SCHROETTER (v.) (Vienna), tuberculosis of œsophagus	144
SCHWARTZ (H.), death from meningitis	609
SELIGMANN (Frankfort), aural furunculosis	146
Semi-circular canal, horizontal (B. von Török)	476
SEMON (Sir Felix), paralysis of right half of tongue	50
— differential diagnosis of tuberculosis, syphilis, and malignant disease of the larynx.	550
Septum nasi, a comparative study (Haseltine)	653
SIDLEY (T. K.), otitic brain abscesses	546
SIEBENMANN, osteo-myelitis and deafness	654
Sigmoid sinus, course of, in child's skull (P. Rudloff, Wiesbaden)	144
Sinus and jugular thrombosis (B. R. Kennon, Norfolk, Va.)	146
— suppuration, radical operation for (Dr. Watson Williams)	345
— thrombosis (infective) (A. Knapp, New York)	88
— — primary cavernous (A. Knapp)	608
— — lateral, non-interference with the thrombus in cases of (F. Voss)	545
Sinusitis, maxillary (G. Gavello)	606
— fronto-ethmoidal (Suisey)	158
— frontal (Chichele Nourse)	590
— multiple (Chichele Nourse)	85
Skull, fracture of the base of the (W. Milligan)	273
SMITH (S. MacCuen), our faulty methods of brain localisation in intracranial lesions complicating aural diseases	664
SMURTHWAITE (Dr. H.), extensive submucous resection for septal deflection under local anæsthesia	346
SOLIS-COHEN (Dr. J.), malignant growths of the larynx	461
SOMERS (L. S.), the aural and laryngeal complications of typhoid fever	545
SONDERMANN (Dieringhausen), suction treatment in diseases of the nose	142
Sound conduction, theory of (Boeninghaus)	607
Sound-conducting apparatus (Zimmermann)	89
Spasmodic coryza, treated by means of pollantin (Dr. Paul Laurens)	135
Speech, disturbance of, in childhood (Victor Hammerschlag)	231
SPICER (Dr. Scanes), achondroplasia in a child	57
— chronic œdema of the larynx	59
— epithelioma of the larynx	60, 118
— inoperable cancer of the fauces, the pharynx, the tongue, and the cervical glands	180
— cancer of larynx and pharynx	180

	PAGE
Spirochæta, the presence of, and other throat organisms in discharges from the middle ear (Wyatt Wingrave)	403
Spirographs or nasal "breath pictures" (Wyatt Wingrave)	92
Spittoon as a sialogogue (Price Brown)	406
SPRAGUE (F. B.), observations in 1000 adenoid operations	35
SPRATT (C. N.), lepto-meningitis	548
SPRENGER, mucous cyst of the frontal sinus	203
Squamous epithelioma (W. Milligan)	194
Stapes, removal of, exceptionally good hearing after (Hunter Tod)	33
Stenosis, congenital, impermeable by ordinary means, but operated and cured under œsophagoscopy (M. Guisez)	156
——— severe subglottic (G. Strazza)	473
Stereoscopic skiagrams (Dr. Watson Williams)	112
STORCK (J. A.), gastric disturbance due to disease of the frontal sinus	203
STRAZZA (G.) (Genoa), severe subglottic stenosis	473
STREITT, angioma of the nose	140
STUART-LOW (Mr.), nævus of pharynx	355
——— chronic frontal sinus disease	355
——— frontal sinusitis	358
Stuttering cured by operation (Dr. Boisveil)	470
Submucous resection of septum (Dr. StClair Thomson)	112
——— of the nasal septum (Dr. Mounier)	472
——— of septum (Mr. Herbert Tilley)	121
SUCKSTORFF (Hanover), leucocyte count	145
Suppuration, acute, of the middle ear (W. S. Syme)	582
——— chronic, of the middle ear (Mr. Charles Heath)	76
——— ——— (Arthur H. Cheatele)	152, 223
——— ——— (Seymour Oppenheimer)	279
——— recurrent middle ear (Bryant)	88
——— of the middle ear, treatment of (Wm. Milligan)	486
——— discussion on this case	537
Surgery, mastoid	37
Surgical anatomy of the temporal bone from birth to adult life (Arthur Cheatele)	419
SWAIN (Dr. Henry L.), epithelioma of the larynx	463
SYME (W. S.), acute suppuration of the middle ear	582
Syphilis, differential diagnosis of (Sir Felix Semon)	561
——— (W. Jobson Horne)	549
Systemic infection through the tonsillar ring (Dr. J. L. Goodale)	457
TAKABATAKE, changes in the eye-grounds in otitic diseases of the brain	608
——— otitic suppurations of the brain	233
TANTURRI (Professor D.), grave and rapid endo-cranial complications in a case of acute purulent otitis media	660
Teaching of ear and throat classes (J. Mackenzie Booth)	93
TERSON (Toulouse) and TERSON (A.) (Paris), paralysis of sixth nerve	148
Tertiary syphilitic laryngitis (de Santi)	116
THEISEN (Clement F.), epithelioma of the larynx	465
——— sarcoma of the pharynx	466
Therapeutic preparations (Burroughs Wellcome and Co.)	483
——— (A. Wulfung and Co.)	483
——— (Duncan Flockhart and Co.)	484
——— (Parke Davis and Co.)	36
THOMSON (StClair), multi-sinusitis	54
——— submucosa resection of septum	112
——— rhino-scleroma of the naso-pharynx	172
——— endo-laryngeal growth	174
——— so-called prolapse of the ventricle of Morgagni	174
——— infiltration and ulceration of the uvula	174
——— malignant endo-laryngeal growth	209

	PAGE
THOMSON (StClair), prolapse of the ventricle of Morgagni	210
——— bifid growth springing from a larynx	253
——— extensive tuberculous laryngitis	348
——— ethmoidal frontal cells shown in dissected skulls	349
——— multi-sinusitis, ethmoids removed from	351
——— laryngeal forceps	353
——— the use of adrenalin to define new growths and infiltrations	401
Thoracic lympho-sarcoma (Jobson Horne)	218
Throat in chronic systemic infections, examination of (Dr. J. W. Goodale)	138
Thrombosis, infective sinus (Knapp)	88
——— of the sinus (Dr. Neumann)	469
Thyroid and trachea (Diriart and Rozier)	142
TILLEY (Herbert), acute suppurative otitis media	23
——— solid œdema of lower part of forehead, etc.	60
——— chronic frontal sinus suppuration	62
——— papillomata removed from a larynx	254
——— submucous resection of septum	121
——— softening gumma of external surface of left ala nasi	356
Tinnitus, objective (C. Friedmann)	235
TOBEY (G. L., jun.), intra-nasal operation, fatal result from	363
——— technique of submucous resection of nasal septum	364
TOD (Hunter), primary tuberculosis of the left mastoid process	31
——— diseases of the ear	666
——— exceptionally good hearing after removal of the stapes	33
Tonsillar disease (C. A. B. Horsford)	119
Tonsils : extreme hypertrophy of the faucial and pharyngeal tonsils	329
——— the removal of enlarged (Roderick MacLaren)	225
TÖRÖK (B. von) (Budapest), horizontal semicircular canal	476
Tracheo-bronchoscopy, reports of cases (Chevalier Jackson)	613
Tracheotomy for laryngeal obstruction (E. A. Peters)	177
——— late effects of (Martuscelli and Ciociolo)	657
Tropical Medicine, London School of, Seamen's Hospital, Greenwich	426
Tubercle of the larynx (Mayo Collier)	187
Tubercular disease of the larynx (Dr. W. H. Kelson)	189
——— (true) tumours of the larynx and trachea (Dr. J. Nowland Mackenzie)	379
Tuberculous disease of the left tonsil (Dr. Abercrombie)	185
——— ——— pathological report on (Wyatt Wingrave)	186
Tuberculoma in the larynx (Dr. Andrew Wylie)	73
——— of the naso-pharynx, with report on same (Dr. P. H. Abercrombie)	70
Tuberculosis, differential diagnosis of (Sir Felix Semon)	549
——— (W. Jobson Horne)	561
——— (laryngeal) (Mayo Collier)	68
——— (Dupuy Homer)	364
——— (William E. Casselberry)	473
——— (nasal) (G. Cohn)	226
——— of accessory sinuses of the nose (Dr. J. W. Gleitsmann)	406
——— of the larynx (Castex)	159
——— (Charles Parker)	165
——— (primary) of the left mastoid process (Hunter Tod)	31
——— the channels of infection in (Dr. Jobson Horne)	281
Tuberculous laryngitis (M. Furet)	157
——— extensive (StClair Thomson)	348
Tumour of palate (W. H. Kelson)	115
——— of nasal septum (Furniss Potter)	124, 181
——— in soft palate (Stuart Low)	125
——— report on (Wyatt Wingrave)	127
Tumours: endotheliomata and other tumours of the neck (Wyatt Wingrave)	41

	PAGE
Turbinate, lobular hypertrophy of the (I. Kubo)	277
Türk-Czermak memorial festival	205
Tympanic membrane (Professor Politzer)	46
——— (Zalewski, Lemburg)	146
Typhoid, mutism in (L. G. Le Bœuf)	35
——— fever, the aural and laryngeal complications of (L. S. Somers)	545
UFFENORDE (W.), lateral pharyngitis	139
Ulcer of the auricle (Macleod Yearsley)	21
Ulceration of interarytænoid space (Cathcart)	55
——— of epiglottis and base of tongue (W. H. Kelson)	116
——— of right half of larynx (Dundas Grant)	130
——— of right tonsil (Charles A. Parker)	134
——— (tuberculosis) of the pharynx (Mr. Harold Barwell)	83
URBANTSCHITSCH (Ernst), Ménière's symptom-complex in a hereditary deaf-mute	45
——— plastic operation for retro-auricular-fistula	467
Uvula: infiltration and ulceration of the (StClair Thomson)	174
VAIL (D. G.), herpes zoster auris	236
Vaseline oil in the dressing of the radical mastoid operation (J. N. Roy)	585
Ventricle of Morgagni, prolapse of the (StClair Thomson)	210
——— tumours of the (Dr. Jobson Horne)	247
Ventricles, the shape of, in the singer's larynx (G. Avellis)	88
VERNIEUWE (Ghent), a contribution to the study of closed ethmoidal sinusitis	417
Vertebrates, demonstration of pigment in the labyrinth of (Albert A. Gray)	22
VIOLLET, deafness of syphilitic origin and treatment	663
Vocal cord, immobility of the left (Dundas Grant)	217
——— nodules in children (A. Coolidge, jun.)	317
Voice development, common-sense of (Irene San Carolo and Patrick Daniel)	91
——— extreme weakness of, in a male (Dundas Grant)	132
——— production (Westley Mills)	372
——— in singing and speaking (Westley Mills)	611
VOSS (F.), non-interference with the thrombus in cases of lateral sinus thrombosis	545
WALKER (D. H.), aural and nasal examinations of school children	144
WALKER (James), report on a fatal case of otitic septic thrombosis	99
WATSON (A. W.), straightening the nasal septum	335
WATSON (Edward C.), intra-tracheal medication	232
Wellcome's Photographic Exposure Record and Diary, 1907	92
WERTHEIM (E.) (Breslau), contusion of the larynx	203
WHITEHEAD (A. L.), cerebellar abscess	108
WICHERN (H.), displacement of the larynx	142
WIENER (Alfred), brain abscess	234
WILLIAMS (Dr. Watson), stereoscopic skiagrams	112
——— radical operation for sinus suppuration	345
——— periodic central deafness; death	34
WINGRAVE (Wyatt), microscopic sections of nævoid distension of bony cancelli of middle turbinal	75
——— squamous epithelioma of tonsil	75
——— note on endotheliomata and other tumours of the neck	41
——— spirographs or nasal breath pictures	92
——— mass removed from naso-pharynx	71
——— microscopic section of larynx	249
——— the presence of spirochætæ and other throat organisms in discharges of middle ear	403

Index.

687

	PAGE
WINGRAVE (Wyatt), pathological report on Dr. Abercrombie's case of epithelioma of the larynx	184
—— mycelial infection of a tonsil	190
—— pathological report of Dr. Abercrombie's case of tonsil disease	186
—— on Mr. Chichele Nourse's case of laryngeal disease	188
WITHINGTON (C. F.), cerebro-spinal meningitis	144
WOODS (Dr. Robert), accidental cut throat	357
Workmen's Compensation Act and injury to the nose (Dr. W. Lauzun-Brown)	448
WULFUNG and Co., therapeutic preparations	483
WYLIE (Dr. Andrew), recurrent paralysis of the left cord	188
—— epithelioma of the tonsil	66
—— tuberculoma in the larynx	73
—— direct laryngoscopy	578
YEARSLEY (Macleod), implication of the chorda tympani and tympanic plexus in middle-ear suppuration	399
—— the Second International Congress of School Hygiene	451
—— ulcer of the auricle	21
—— influenzal otitis media	25
—— the rational treatment of adenoids	654
—— the value of pneumo-massage in affections of the middle ear	510
YONGE (Eugene S.), determining cause of the formation of nasal polypi	517
ZALEWSKI (Lemburg), tympanic membrane	146
ZEBROWSKI (A.) (Warsaw), pyæmia of aural origin	367
ZIEGEL (F. L.), perforation of the soft palate	225
ZIMMERMANN (Dresden), incorrect deductions from experiments with tuning-forks on the function of the so-called sound-conducting apparatus	89
ZOLIKI (Strassburg), congenital fibro-lipoma of palatal tonsil	138