

observers, and then describes some organisms discovered by himself, such as micrococcus gingivæ pyogenes, bacterium gingivæ pyogenes, bacillus dentalis irridans, bacillus pulpæ pyogenes. The organisms of the oral cavity may produce general disease in several ways: (1) By traumata of the mucous membranes, such as septic infections following extraction of teeth. The author describes some fatal cases, and recommends strong antiseptics to prevent it. (2) Gangrenous dental pulp often produces inflammation of the jaw, and diseases of the nose and antrum of Highmore, and frequently inflammations of the lymphatic glands. (3) Diseases produced by the direct effect of the organisms on the mucous membrane of the mouth and pharynx. Inflammatory processes of the mucous membranes of the pharynx, and chronic catarrhs of the whole intestinal tube, may be caused by the fermentative effect of the organisms on the fluids of the mouth. (4) By aspiration of the bacilli and their products septic processes in the lungs, such as gangrene and pneumonia, may be caused. The author communicates his experiments, which prove the bad effects which follow the inoculation of the organisms on the contents of the stomach and intestines, and gives an extensive description of pyorrhœa gingivalis, a disease produced by special bacteria. The presence of certain specific pathogenic organisms in the oral cavity can prove stomatomycosis, sarcinea, mycosis tonsillaris, stomatitis ulcerosa, phlegmonosa, diphtheria, pneumonia, syphilis, typhus, and actino-mycosis. The last chapter gives some remarks on "Spross, Schimmel, and Spaltpilze."

Michael.

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#### THE INTERNATIONAL MEDICAL CONGRESS, 1889.

AT the meeting of this Congress to be held in Berlin, from the 4th to the 10th August, 1890, there will be eighteen sub-sections, the 12th of which will be that of laryngology and rhinology. It will be presided over by Professor B. Fraenkel, of Berlin, and the organising committee of the sub-section will be Drs. Beschorner (Dresden), B. Fraenkel (Berlin), Gottstein (Breslan), A. Hartmann (Berlin), Jurasz (Heidelberg), H. Krause (Berlin), Michael (Hamburg), Schech (Munich), and M. Schmidt (Frankfort-on-Maine).

# INDEX TO VOL. III., 1889.

## A.

ABSCISS, retro-pharyngeal, 100  
Aceto-tartate of aluminium, and its use in nasal diseases, 448  
Acromegaly, 308  
Adenitis and oedema of the larynx, a case of acute multiple, 345  
Adenoid vegetations (see also post-nasal, naso-pharyngeal), 352; incomplete operations for, 287; instrument for the removal of, 87; operations for, 252  
Air passages, an oedematous form of disease of the upper, 346; casuistics of foreign bodies in the, 263, 299; dyspepsia reflected in the mucous membrane of the upper, 48; effects of natural gas on the upper, 440; electrolytic operations in the, 448; foreign body in the, 124, 262, 399, 432; leeches in the, 76; menthol in the, 439; papilloma of the upper, 480; relation between chronic diseases of the upper, and hernia, 436; scald of the upper, 474; some manifestations of lithæmia in the upper, 356; some manifestations of syphilis in the upper, 330; therapeutics of the upper, 14  
Air tract, intimate relations between chronic diseases of the, and neurasthenia, 348  
Anæmia, and its relation to nasal stenosis, 439  
Anæsthetics in naso-pharyngeal operations, on the choice of, 177; in operations on the nose and throat, 198  
Anæsthetisation in naso-pharyngeal operations, the position and methods of, 238  
Aneurism, anomalous case of aortic, 517; of the ascending aorta, 298; of the aorta, 517; of the thoracic aorta, 298  
Angina, etiology of idiopathic catarrhal, 162; epidemic of pseudo-membranous at Coppet, 17; Ludovici, 120, 400; primary gangrenous, 415; surgical treatment of infectious, 291; tonsillaris, treatment of, 98  
Angio-neurotic oedema, hereditary, 110  
Answer to Suchanek, 263  
Antifebrin, the uses of, 142  
Antipyrin, idiosyncrasy with regard to, 142; and lanoline, 402; in laryngismus stridulus, 279, 449; combination of morphine and, 449; in whooping cough, 278, 279

Antrum of Highmore, abscess of the, 75; answer to Bayer's paper on empyema of the, 251; cleansing the, 461; contribution to the study and treatment of empyema of the, 109; electric illumination of the, 461; empyema of the, 30, 251, 252; diagnosis and treatment of empyema of the, 75; suppuration of the, 514; treatment of empyema of the, 481; therapeutics of empyema of the, 513  
Aorta, aneurism of the, 517  
Aortic aneurism, anomalous case of, 517; stenosis with tracheal murmurs, cases of, 298  
Aphonia, functional, 253; hysterical, in a woman, aged seventy-one, 116; nervous, 300; nervous, in a child, 300; treatment of, by suggestion, 300  
Apparatus for estimating the intensity of smell, 59  
Aprosexia, 87, 499  
Aptyalism, persistent, 288  
Argyria, 123; case of universal, and laryngeal cancer, 299  
Artificial teeth, swallowing, 100  
Arytenoid, fibroid of the right, 444  
Asphyxia, sudden, from occlusion of the glottis, 398; from occlusion of the larynx by a cherry-stone, 517  
Associated paralysis, 509  
Association Meetings—American Laryngological, 343; American Medical, 402, 434; American Public Health, 444; British Laryngological, 176, 181, 310, 488; Sixty-fourth Meeting of German Naturalists, 86  
Asthma artificially produced in man, 285; as regards its relation to nasal diseases, 284; the so-called nasal form of bronchial, 457  
Aural apparatus, a hitherto undescribed neurosis of, 47  
Auto-intra-laryngeal operation, 514

## B.

Bacilli of syphilis in the sputum, 156  
Bacillus of Klebs, facts relative to the longevity of the, 282  
Back-to-back houses, report on, 146

- Balsam of Peru in diseases of the lungs and larynx, 448  
 Baron, Dr. J. B., 444  
 Basedo *v*'s disease (*see* Graves, Exophthalmic goitre); œdemas in, 264; without pathological changes of the cervical sympathetic nerve, 83  
 Battery, chromic acid, 448; new galvanocautery, 86; zinc platinum, 14  
 Blood cyst, 265  
 Branchiogenic pavement epithelioma, 21  
 Bronchi, foreign bodies in the, 474; tubercular lupus of,  
 Bronchitis fibrinosa, a case of, 82  
 Bronchocele, the acute, of adolescents, 83; cystic, 303  
 Bronchus, a damson stone in the right, 76; a water melon seed in the right, 34; foreign body in, 517  
 Buccal cavity, primary tuberculosis of the, 67  
 Bursa pharyngea (*see* post-nasal, Tornwaldt's disease), catarrh of the, 460; and Tornwaldt's disease, 105
- C.**
- Camphorated naphthol in tubercular ulcerations, 278  
 Cancrum oris, following acute dysentery, 288; recovery from, 288  
 Cannula, a broken tracheal, 263  
 Cape, the voyage to the, and the climate of South Africa, 279  
 Carbohc acid and its allies, 277  
 Carotid, ligature of common, for arteriovenous aneurism, 308  
 Cases of peculiar character, clinical observations on, 443; cf interest in the clinic of the Lariboisière Hospital, 46  
 Catarrh, camphoric acid in, 16; of the recessus pharyngeus medius and its surgical treatment, 460; the treatment of pharyngeal, 162; the treatment of post nasal by removal of nasal obstructions, 459  
 Catarrhal fever, its causes, complications, and sequelæ, 146  
 Cervico-thoracic fistula, 433  
 Cheek, papilloma of the, 156  
 Cheiloplasty, a case of, 379  
 Chloroform, death from, 145  
 Choanae, congenital occlusion of the, 457, 460  
 Chorea laryngis, 253  
 Cigarette smoking, 147; and malignant disease of the throat, 60  
 Cigarettes, Egyptian, 146; report of the Lancet Committee on, 147  
 Cleft palate, 290; the elements of success in the treatment of, 97; the mechanical treatment for congenital, 462  
 Clinical notes, II  
 Coca tablets, 266  
 Cocaine, 375; and the larynx, 375; alterations in the voice produced by, 277; intoxication by, 277; poisoning, 449  
 Cold and disease, 245  
 Compression lesions, 392  
 Condal water, 358  
 Congrès International d'Otologie et de Laryngologie, 216  
 Constitutional syphilis, 462  
 Consumption, the treatment of, at high altitudes, 144  
 Correction, a, 402  
 Cortical motor centre for the human larynx, investigations upon, 47, 469  
 Coryza, a powder for, 16; caseous, 102; nervous, and salivation, and their relation to the sexual organs, 72; notes on the treatment of acute, 102; sympathetica, vasodilatatoria chronica, 512  
 Cough, nervous, 86  
 Cranial nerves, motor functions of certain, 68; paralysis of, 288  
 Creolin in the treatment of infectious throat diseases, 376  
 Cretinism, sporadic, 519  
 Cricoid and thyroid cartilages, fracture of, 301  
 Croup, 281; large doses of calomel in, 454; the laryngoscopic image of croup, 246; the treatment of, by opium, 407; tracheotomy under chloroform in, 116; turpentine in idiopathic, 246  
 Cut throat, a suicidal case of, 77  
 Cyst of arytenoid region, 288; laryngeal, 299
- D.**
- Danger of septic infection from nasal and aural discharges, 250  
 Davos as a health resort, 144  
 Dengue in Egypt, 147  
 Diaphragm, respiratory movements of the, 468  
 Dilator for stricture of the œsophagus, a, 374  
 Diphtheria, 150, 243, 507; alcohol in, 454; and diabetes, 66, 152; at Boston, 410; at Enfield, 66; at Midsomer Norton, 150; at Exmouth, 244; at Llanasa, 244; at Llandissillio, 244; at Llanwldyn, 244; at St. George's Hospital, 149; at Shooter's Hill, 66; at Walthamstow, 244; and cow disease, 149; and scarlet fever, 150; antiseptic effects of medicaments used in, 16; and its attendant sore throat, 65; differential diagnosis from herpetic angina, 19; epidemic, 150, 281, 507; at Buxted and Maresfield, 148; etiology of, 61, 407, 408; exanthema in, 453; in an adult—sudden asphyxia, 149; in Norway, 154; laryngeal without loss of voice, 378; larynx and trachea from a fatal case of, 280; mania cured by pharyngeal, 379; membranous croup and, 17; moot points in the surgical treatment of, 151; morbid changes in the fauces and larynx in scarlatina and, 242; mortality in London,

- increase of, 244; multiple sclerosis in children following, 379; naso-laryngeal intubation in, 245; nature of croup and, 46; notes on twenty-seven cases of, 410; one hundred and twenty-two cases of tracheotomy for, 16; pharyngeal, with complications, a case of, 410; protection in, 245; pseudo locomotor ataxy following, 452; remarks upon, 151, 152; researches upon the bacterium of, 451; statistics of, 243; studies on relation of croup to, 150; tracheotomy in, 308; transmission of, from animal to man, 409; treatment of, 151, 152, 153, 245, 281, 282, 355, 409, 453, 507;  
 with pulverised sugar, 18, 65;  
 with antiseptic cauterisations, 18;  
 with antiseptic steam, 61;  
 with pilocarpine, 151;  
 with hydronaphthol, 155, 409;  
 with corrosive sublimate, 453;  
 with salicylic acid, 64;  
 with hydronaphthol and papain, 507;  
 under different forms, 16; wanton spread of, 149; with complications, 453; with patches in the perineal region, 452
- Diphtheritic angina in infants, 282; croup, two hundred cases of intubation in, 410; gastritis, 508; infection, origin of, 17; laryngitis and intubation, 282; membrane, the, 452; otitis media, micro-organisms in, 452; paralysis, case of, 14—  
 of accommodation after slight sore throat, 66;  
 pathological anatomy of, 155;  
 sore throat, caustics in, 151
- Diphtheritics, respiratory variations in inhalation of oxygen in, 282
- Diseases of the eye, ear, throat, and nose, 423; of the larynx, pharynx, and nose, and sulphur waters, 480; of the larynx, trachea, nose, and naso-pharynx, 42; of the nose and eye, some relations between the, 495; of the throat, some new remedies in, 210
- Disorders of the throat and nose, and their treatment at watering places, 479
- Domestic animals as vehicles of infection, 245
- Dust in flour mills, and its effect on animals, 147
- E.**
- Ear, foreign body in, for eighteen years, 123
- Electric light, application of, to laryngoscopy, 276
- Epiglottis, angioma of the, 13; different aspects of the normal, 296; hypertrophy of the, 295; the muscles which act upon the, 69; new and only way of raising the, 293, 295; on raising the, 391; the raising of the, by utmost manual extension of the head and neck, 469; the position of the, in inversion, 296
- Epilepsy caused by intra-nasal disease, 440
- Epistaxis, habitual, 513; irrigations of citron juice in, 103, 163.
- Epithelioma, of the tongue, fauces, and tonsil, 97 (see cancer, larynx, nose, &c.)
- Erythema nodosum, a case of, 19
- Excessive thirst a symptom of malignant disease, 67
- Exhibition of patients, 289
- Eyelids, chronic œdema of the, consecutive to pharyngeal erysipelas, 415
- F.**
- Face, congenital malformation of the, 249;  
 lupus of the, with propagation to the nasal fossæ, 426; treatment of empyema of the sinuses of the, 252
- Falsetto voice, cure of the, 467
- Farcy, a case of, 66
- Fauces, papilloma in the, 415
- Febrile diseases, concurrence of, in the same patient, 146
- Foreign body swallowed, a, 249
- Frederick's ataxia, 289
- Frontal ectasis, 252; sinuses, empyema of the, 29, 440; purulent catarrh of, consequent upon ablation of polypi, 285
- Functional infantile palsy, &c., 398
- G.**
- Gag, cheek-retractor and tongue depressor, 447
- Galvano-caustic handle, a new, 14
- Gastrostomy, 71, 385; illustrated by a case and specimens, 419; three cases of, 249;
- Gengariff as a health resort, 126
- Glossitis, a case of acute, 96
- Glossolabial spasm of the hysterical, 157
- Glottic spasm of nasal origin, 36
- Glottis, spasm of the, of mechanical origin, 299
- Goitre, a case of, 303; a case of cystic, 433;  
 constricting, with œsophageal cancer, 304;  
 cystic, 39; electrolytic treatment of cystic, 438; enormous cystic, with rapid development, and thyroidectomy, 121; exophthalmic, 174, 518—  
 a case of, 474;  
 cure of a case of, 304;  
 cure of a case of, by intra-nasal treatment, 39;  
 on fever in, 122;  
 pathology of the central nervous system in, 518;  
 recent theories as to the pathogeny and treatment of, 121;  
 surgical treatment of, 434;  
 treatment of, 304, 434;  
 galvano-puncture in, 121; operation and paralysis of both recurrents and tetany, 40; report upon 250 extirpations for, 174; value of electrolysis in angiomata and, 303
- Goitres, cases of partial removal of, 304;

operations on, 263; statistics of, in the Canton Berne, 474; the treatment of, with iodine, 481  
 Gout in the throat, 314  
 Grasse as a health resort, 376  
 Graves' disease, cure of a case of, by nasal treatment, 39; cutaneous affections in, 264; electrotherapy in, 122; high altitudes in, 122; new signs of, 121, 305; unilateral incomplete, after removal of nasal polypi, 518  
 Gullet, cicatricial stricture of, in a child of two, 466; coins in the, 385; foreign body in an infant's, 420; treatment of stenosis of the, 163  
 Gum, epithelioma of the, 288  
 Gumma, congenital, 308

## H.

Hæmorrhage, the relation to unhealthy surroundings, 456  
 Hare-lip, dangers to life in operations for, 95; double, 66  
 Hay asthma, 59  
 Hay fever, 75, 163, 284, 388; pathogeny and treatment of, 284; pseudo, 513; therapeutics of, 74, 75  
 Headaches and abnormal conditions of the nasal passages, 28  
 Hemiatrophia linguæ, a case of, 412  
 High altitudes and consumption, 60; in Graves' disease, 122  
 Hoarseness, its causes, importance, and cure, 300; of twenty-eight years' duration, papilloma, laryngo-fissure, cure, 38  
 Hodgkin's disease, 475  
 Hordeum malt extract, 311  
 Hypnotism, therapeutics of, 450  
 Hypodermic pocket case, 401  
 Hyoid bone and its connections, the, 69

## I.

Illumination, incandescent lamp for laryngeal, 86; of the larynx and other cavities, 14; on my method of, 276  
 Incised wound in the thyro-hyoid space, 76  
 Inhalation, method of producing neutral fumes of ammonium chloride for, 277; of fluids by the spray, 86; in lung disease, 143; of hot air in phthisis, 143; the value of, 143; respirator, an, 60  
 Inhaler, patent chloride of ammonium, 145  
 Injury to middle ear by nasal atomisation, the possible danger of, 441  
 Instruments for deflection of the nasal septum, improved, 60  
 Insufflator, the "J.R.P.," 448  
 Internal ear deafness, 440  
 International Medical Congress of 1889, the, 522  
 Intra-nasal disease and epilepsy, 440; two cases of, 27; pressure, relation of erysipelas and erythema to, 344

Intra-ocular and nasal diseases, 459  
 Intubation, a case of, 410, 508; a novel method of, 449; anatomical and other facts in support of, 450; consideration of other and better results from, 443; in diphtheria, 245, 282, 410; of the larynx, 32, 434; and air passages, and a new instrument, as an aid to certain operations, 450; in croup, 32; recent observations relating to, 142; remarks upon, 166; some practical hints in a *résumé* of 206 cases of, 450; *versus* tracheotomy, 435, 449; with ordinary rubber tube, 449

## J.

Jeyes' fluid, 311; surgical soap, 175

## K.

Kronenquelle water, 310

## L.

Lactic acid in laryngeal tuberculosis, 254; in tuberculous ulcerations and lupus, 15  
 Laryngeal affections, in late hereditary syphilis, 431; cancer, with hæmorrhage perichondritis, &c., 396; its diagnosis and treatment, 169; carcinoma, 472—  
 a case of, with partial extirpation, 37; casuistics and therapeutics of, 261; diagnosis of, 430; one case of auto-innoculation, and two cases showing the danger of intra-laryngeal interference, 397; statistics of, 78; cyst, 299; diseases in typhoid fever, 254; pathology of submucous, 253; enchondroma, subglottic, 50; growths, 470, 515—treatment of, 299, 396; hæmorrhage, catamenial, 427; paralysis of constrictor muscles, 428; ictus, a case of 428; image, a photographic study of the, 425—  
 during formation of the singing registers, 49; mucous membrane, diffuse hypertrophy of the, 111; hæmorrhage from the, 78; muscles, the anatomy, physiology and pathology of the, 32; nerves and muscles, a new experimental method for, 297; papilloma from the body of a child, 50; paralysis from aneurism of the aorta, 33; perichondritis, on typhoid, 515; phthisis, 126, 516—  
 a new method of treating, 478; and the present method of its treatment, 393; a pseudo-polypoid, 35; cure and local treatment of, 166; curability of so-called, 254; high altitudes in, 46; on tracheotomy in, 479;

- on menthol in, 439;  
treatment of, 166;  
polypus of large size, 429; stenoses and their treatment by Schroetter's method, 257; stenosis, an obscure case of, 392—treatment of, resulting from perichondritis in typhoid fever, 258;  
two cases of complete, produced by wounds of the larynx, 259;  
surgical casuistics, 431; syphilis, 393;  
tuberculosis, a case of primary pseudopolypoid, 296—  
a peculiar obstructive form of, simulating abductor paralysis, 393;  
indications for the treatment of, 296;  
menthol in, 256;  
results of new method of treatment of, 429;  
tracheotomy in, 261;  
treatment and cure of, 35;  
Wiegert's hot-air method in the treatment of, 479;  
with temporary bilateral abductor paralysis, 393;  
tumour, spontaneous expulsion by coughing, 514; subglottic, 34—  
thyrotomy for, 471;  
typhoid in a child one year of age, a case of, 38; ulcers in typhoid fever, 393;  
ulceration, imaginary, 44; vestibule, a pin implanted in the, 114  
**Laryngismus stridulus and eclampsia, 426**  
**Laryngitis, acute rheumatic, of gonorrhœal origin, 442; case of tubercular, 114; catarrhal traumatic, 429; dry, 429; hæmorrhagic, 33, 167, 392; hypoglottic acuta, 34; idiopathic phlegmonous, 167; local treatment of tubercular, 254; obscure case of œdematous, 78; remarks on a case of, 297; syphilitic, 430; the occasional typical use of nitrate of silver in chronic, 355; the treatment of some form of chronic, 50**  
**Laryngo-fissure, results of, 87; statistics of, 302**  
**Laryngological Society of Berlin, cases exhibited at the, 427**  
**Laryngology, a decade of, 43; an epoch in, 436**  
**Laryngo-stenosis, 473**  
**Laryngotomy for laryngeal papillomata, 87; intercrico-thyro-arytenoidean, in cancer of the larynx, 117**  
**Laryngo-tracheal œzœna, 1**  
**Laryngo-tracheo-bronchitis treated by tracheotomy and cleansing with feathers, 81**  
**Larynx, and cocaine, the, 375; and trachea, stricture of the, 45; and trachea, method of examination of the posterior wall of the, 270; syphilitic stenosis of, in a child, 168; acute necrotic perichondritis of the, in a pig, 166; angioma of the, 50; cancer of the, tracheotomy, buccal perforation opening into maxillary sinus, 472; propagation to thyroid gland, 117; cartilaginous tumours of the, 470; case of total extirpation of the, 262; case of subglottic chronic stenosis treated by dilatation, 45; casuistics of foreign bodies in the, 166; cauliflower excrescence of the, 515; central, and peripheral innervation of the, 482; congenital formation of membranes in the, 262; congenital growth of, 396, 471; correction of Mackenzie's statistics, 262; death from impaction of a collar button in the, 473; diagnosis and treatment of syphilitic affections of the, 168; dilatation of stenosis of the, 111—in strictures of the, 429;  
duck bone in the, 399; epithelioma of the, and tuja occidentalis, 119; extirpation of the, 37, 515—  
partial, of the, 37;  
total, two and a half years previously, 488;  
foreign body in the, 35, 114, 115; fracture of the, a case of, 367; hæmorrhage from the, 357; illumination of the, 76, 486, 514; instrument for opening the, without previous incision of the skin, 46; intubation of the (see intubation), 76, 378, 434, 435; lipomata of, clinical notes on, 77; local treatment of tubercular phthisis of the, 254; malignant disease of the, 117.—  
two cases of thyrotomy for removal of, 397;  
method of studying the action of the intrinsic muscles of the, 350; œdema of the, in acute multiple adenitis, 345; operations under electric light upon the, 426; origin of tubercular ulcers of the, and the relation of bacilli to them, 473; perichondritis of the, 78, 166, 302; primary erysipelas of the, 296; remarks on intubation of the, 166; rupture of the, 76; sarcoma of the, 119; stricture of the, with extensive cicatrization from ulcerative tuberculosis, 45, 112; tertiary syphilis of the, 297; treatment of so-called phthisis of the, 217, 270, 316—  
of papillomata by means of the curette, 53;  
tubercular, 516;  
lupus of the, 516;  
tumours of the, 296;  
tumour of the, 396; two cases of unilateral abductor paralysis of the, due to nasal reflex irritation, 115; unusual manifestations of tuberculosis of the, 353  
**Leprosy, tuberculated, ankylostomiasis, tuberculosis, necropsy, 75**  
**Lingual artery, rare anomaly of the, 289; tumour, 381**  
**Lion essence of beef, 266**  
**Lip, chronic œdema of the upper, 424; epitheliomatous growth of the, 508; primary specific sore of the, 508**  
**Lithæmia in the upper air-passages, 356**  
**Lung, fibroid phthisis of the left, 78**  
**Lupus, erythematous, 388; of the mucous membranes, the anatomy of, 41; of the****



- throat and nose; liquor sodii ethylatis, 359; in, 280; note on a case of syphilis imitating, 366; treated with ice, 280
- Luschka's bursa and Tornwaldt's disease, 287
- Lymphadenoma, 123, 475
- Lymphatic glands, excision of scrofulous, 120; tubercular enlargements of the, 119
- Lymphoid tumour in the right pyriform sinus, 435
- M.**
- Macroglossia, ligature of lingual arteries in, 509
- Malignant tumours, etiology and diagnosis of, 487
- Mandeville case, the, 120
- Massei, Prof., 52
- Maxillary sinus, pathological opening of, in a syphilitic, 283; the local treatment of empyema of the, 109 (see also antrum of Highmore)
- Measles and scarlatina, 25
- Mediastinal glands, primary lympho-sarcoma of the posterior, 519; tumour, a case of, 264
- Medical electricity, 279
- Meningocele, a case of frontal, 309
- Menthol in laryngeal phthisis, 439; the uses of, in the upper air-passages, 439
- Mercury, the biniodide of, 448
- Mouth, diseases of the, 95; epithelioma of the, removal of tonsil, &c., 66; gag, a new, and intubation, 442; leucoma of the, 509; the formation of mucous cysts of the, 462
- Mouths, an infant with two, 508
- Mumps, 519
- Mycosis of the naso-pharynx, 287
- Myxœdema, 41, 83, 399, 475, 487, 519; case of early, 305; case of, 264; committee, report of, 83
- Myxoma of right vocal cord, 117
- N.**
- Narcolepsy, 475
- Nares, congenital bony occlusion of the posterior in a child, 49; obstructions of the, causing nervousness, 424; parasites inhabiting the human, 46; sarcoma of the, 164
- Nasal, and oral respirator, a, 60; affections, lactic acid in the treatment of, 102; bougies, note on, 145; carcinoma, 27; caries complicated with meningitis, 49; cavities, osteoma of the, 458; surgical removal of gummatous growths in the, 103; tumour of (cylindroma osteoidis), 483; cavity, relation between acne and diseases of the, 435; chambers, the anatomy of the, 48, 454
- Nasal disease, ocular symptoms due to, 31; diseases, restriction of the visual area in, 250; the efficacy of the older methods of treatment compared with those of to-day, 455
- Nasal fossæ, foreign bodies in the, 164; papilloma of the right, 422; modification of the customary methods of employing the galvanic loop for polypi of the, 423
- Nasal meatus, soft fibroma of the lower, 250
- Nasal meningocele, 458
- Nasal mucous membrane, tubercular tumour of the, 285; tuberculosis of the, 483
- Nasal obstruction, a cause of, 457; in relation to the administration of anaesthetics, 268; the importance of, 250; tinnitus aurium and, 390
- Nasal passages, cough in its relation to morbid states of the, 442; frequent dependence of persistent headaches upon abnormal conditions of the, 28; warty growths of the, 357
- Nasal pharynx, some points in the pathology and treatment of diseases of the, 348, 445
- Nasal polypi, a blunt hoop for the removal of, 86
- Nasal respiration, the damage of obstructed, especially in school children, 458; significance of obstructed, 480
- Nasal saw, a mechanical, 387
- Nasal septum, a rare case of tumour of the, 104; diagnosis of projections of the mucous membrane on the posterior free edge of the, 484; malformations of the, and their surgical treatment, 104; morbid perforations of the, 442; multiple perforations of the, 284; perforations of the, 478; the treatment of deviations of the, 104; tumour of the, 347
- Nasal speculum, a new, 506; a self-retaining, 215
- Nasal stenosis, anæmia and its relations to, 439;
- Nasal surgery, antiseptic, 49, 121; improvements in, 27
- Nasal tumour, 251
- Nasal vowels, acoustic examination of the, 456
- Nasal wall, operations for skoliosis of the, 458
- Naso-pharyngeal, disease, reflex neurosis dependent on, 106; stammering and stuttering, &c., 165; fibroma, 460; fibrous polypus, extirpation, and cure, 165; polypi with frog face deformity, 388; polypus, colossal, 460; tuberculosis, a case of, 108; tumour affecting the base of the skull, 461; tumours, the removal by operation of, 105
- Naso-pharynx, adenoid growths of the, 164, 287, 425; case of fibroma of the, 32; combined method of examination of the larynx and, 250; enormous polypus of, 87; mycosis lepto-thricia of, 286; operations for adenoid vegetations of the, 252; polypus, bloodless operation for, 252; syphilitic ulceration of the, 252
- Nebuliser, the, 401
- Neck, a fibro-myxo-chondroma of the, 38; blood cysts of the, 84, 306; case of cystic

- lymphoma of the, 265; deep cellulitis of the, 175; diffuse cellulitis of the, 400; erythema exudativum of the organs of the, 433; foreign bodies in the, 400; lymphomata of the, 400; serofulous glands of the, and their relation to tuberculosis, 520; tumour of the, 519; unique case of hernia of the pleura in the, 433
- Nerves, case of lesion at the base of the brain paralyzing the 5th and hypo-glossal, 247
- Neurasthenia and diseases of the upper air tract, 348
- Neuritis, multiple peripheral, and its occurrence in brassworkers, 290
- New preparations, Bourboule water, 88; Jeyes' surgical soap, 175; Van Houten's cocoa, 175; pinol eucalyptia dry inhaler, 175; coca tablets, 266; lion essence of beef, 266; Kronenquelle water, 310; Jeyes' fluid, 311; vinolia soap and cream, 311; pure hordeum malt extract, 311; Rubinat mineral water, 357; Condal water, 358; unguentum lanolini, 358; hypodermic pocket case, 401; the nebuliser, 401
- Nose, bleeding from the, 103; caries of the, 486; foreign bodies in the, 424; fungi in the, 513; kerato-papilloma of the, 456; larvae of the sarcophila Wohlfartii in the, 390; mechanism of the, 283; melanotic sarcoma of the, 36; recent advances in the treatment of obstruction of the, 457; relation between diseases of the lachrymal apparatus and the, 29; removal of foreign bodies from the, 251; round ulcer of the cartilaginous septum of the, 513
- Noses, operations for deflected, 488, 512
- Notes, 52, 88, 130, 176, 402, 444, 488, 522
- O.**
- Obituary, Rudolf Voltolini, 476
- Ocular reflexes of nasal origin, 283
- Oedema, acute, of the sub-epiglottic region, etc., in a diabetic patient, 46, 470
- Oesophageal obstruction, 292
- Oesophagismus, etiological study of, 417; peculiar form of, 418
- Oesophagotomy, case of, 467; for artificial teeth, 101, 420; for cicatricial stricture, 466; for foreign body, 71, 511; for imaginary impaction of artificial teeth, 386; internal, and report of successful cases, 48
- Oesophagus, cancer of the, 385, 467; and gastrotomy, 467; carcinoma of the upper part of the, 87; carcinoma of the, 419; case of cancer with pressure upon the heart, 293; case of deficient, 163; coin retained in, four months, 244, 469; extraction of foreign bodies from the, 26; fatal case of foreign bodies in the, 125; fibrous stricture of the, treated by linear electrolysis, 249; foreign body in the, 293, 420; gastrostomy for stricture of the, 385; simple ulcer of the, 101; spasmodic stricture of the, 101; stricture of the, 163; three cases of malignant disease of the, wearing short tubes, 467; ulceration of the, in diphtheria, 292
- Oral surgery, cases of, 381
- Original Articles: On Laryngo-Tracheal Ozæna, by Dr. Luc (Paris), 1; Clinical Notes, by Dr. Tauber (Denver), 11; The Treatment of Papillomata of the Larynx by Means of the Curette, by Prof. Massei (Naples), 53; Enlarged Pharyngeal Tonsil in the Aged, by Dr. J. Solis-Cohen, 59; Membranous Rhinitis, by Dr. F. H. Potter (Buffalo), 89; Cases of Malignant Disease of the Thyroid Gland, by Mr. P. S. Hutchinson (London), 92; On the relative Merits of Early and Late Tracheotomy in Chronic Disease of the Larynx, by Mr. Lennox Browne (London), 131; Syphilitic Fibroid Degeneration of the Nasal Passages and Pharynx, by Dr. J. N. Mackenzie (Baltimore), 139; Notes on the Choice of Anæsthetics in Naso-Pharyngeal Operations, by Dr. F. W. Silk (London), 177; On Parosphresia and Parageusia, by Dr. Charles Warden (Birmingham), 194; On Anæsthetics in Operations on the Nose and Throat, by Mr. Stoker (London), 198; Some New Remedies in Diseases of the Throat, by Mr. Millican (London), 210; On the Treatment of so-called Phthisis of the Larynx, by Dr. John Sedziak (Warsaw), 217, 270, 316; On Position and Methods of Anæsthetisation in Naso-Pharyngeal Operations, by Dr. F. W. Silk (London), 238; Nasal Obstruction in its Relation to the Administration of Anæsthetics, by Dr. F. W. Silk (London), 267; Gout in the Throat, by Sir Morell Mackenzie, 313; Lupus of the Throat and Nose, by Dr. J. M. Hunt (Liverpool), 359; Note on a Case of Syphilis Imitating Lupus, by Dr. Norris Wolfenden (London), 366; A Case of Fracture of the Larynx, by Dr. A. Sokolowski (Warsaw), 367; Notes on a Case of Primary Sarcoma of the Tonsil, by Dr. Norris Wolfenden (London), 403; Some Points in the Pathology and Treatment of Disease of the Nasal-Pharynx, by Dr. J. N. Mackenzie (Baltimore), 445; Inaugural Address, by Dr. P. Smyly (Dublin), 489; On some Relations between the Diseases of the Nose and the Eye, by Dr. Adolf Bronner (Bradford), 495; Aproxesia, by Prof. Guye (Amsterdam), 499
- Oro-nasal inhalers, new, 59
- Ozæna, on, 164, 487; and infectious ulcers of the cornea, 283; chlorate of potash in, 513; laryngo-tracheal, 1; the nature of, 442



## P.

- Pachydermia laryngis, on, 470  
 Palate, adenoma of the soft, 382; Barth's hook, 485; cancer of the hard, 290; cleft, 290, 383; complete adhesion of the soft, to the posterior pharyngeal wall, 383; epithelioma of the soft, 382; hard fibro-sarcoma of the, 87; mixed tumour of the soft, 248; retractor, a new, 374; smoker's, 290; syphilitic perforations of hard, 415; tumour of the hard, 290  
 Palatine arches, gummata of the, 413  
 Paralysis after typhoid fever, 383  
 Parosphresia and parageusia, 194  
 Parotid gland, extirpation of the, for sarcoma, 411; surgery of the, 309  
 Parotitis, 462; double, of reflex origin, 411  
 Pasteur institute, researches upon the bacterium of diphtheria at, 451  
 Pharyngeal, erysipelas, cases of, 464; mycosis, 416; tonsil, enlarged in the aged, 59; in health and disease, the rôle of the, 165  
 Pharyngitis phlegmonosa, the treatment of, 485, 511  
 Pharynx, adenoid hypertrophy of the, 349, 416, 438; anatomy, physiology, and therapeutics of the, 24; diseases of the, 70; electrolytic treatment of chronic catarrh of the, 511; hyperplasia of lymphatic tissue of the, 465; lympho-sarcoma of the, 248; syphilitic stricture of the, 416; tuberculosis of the, 11, 248, 385; ulcerative tuberculosis of the, 416  
 Phthisis, hot air inhalation in, 143; hot air treatment of, 443; hydrofluoric acid in, 144; rational treatment of, 377; remarks on the various methods of treatment of, 376; the preferable climate for, 144; the prevention of, 376  
 Photographic study of the laryngeal image, 49  
 Pin in the laryngeal vestibule, 114; passed per anum in forty hours, 70  
 Pinol eucalyptia dry inhaler, 175  
 Pneumogastric, the pathology of the ganglion of the trunk of the, 122  
 Pocket lamp for physicians, a, 276  
 Poisoning, by chloral, 142; from a local application for tooth extraction, 449; from white precipitate, 506  
 Polypi, laryngeal, 471 (see laryngeal growths, papilloma, &c.)  
 Polypus, case of intra-laryngeal, 471; an operation for nasal, 402; snare, a new, 447  
 Porter, Dr. Wm., 176  
 Potato cure for foreign bodies swallowed, 249  
 Propagation of tuberculosis by flies, the, 41  
 Ptyalism, a symptom of adenoids, 97  
 Pulmonary gangrene treated by incision and drainage, 279  
 Purpura hæmorrhagica, 124  
 Pyæmia of dental origin, 382

## R.

- Recurrent laryngeal nerve paralysis, 78, 473; nerves, effects of varying rates of stimulation upon the, 32, 51  
 Reflex neuroses and naso-pharyngeal diseases, 106  
 Remarkable case of probably cancerous disease, 247  
 Report of British Medical Association collective investigation committee, 84  
 Respiratory passages, clinical paper illustrating some affections of the, 109; foreign body in the, 34, 76  
 Retro-nasal catarrh, 513  
 Retro-pharyngeal abscesses in children, some cases of, 162; tumours, removal of, 162  
 Reviews, Schroetter, diseases of the larynx, trachea, nose, and naso-pharynx, 42; Voltolini, diseases of the nose and naso-pharynx, 84; transactions of the Royal Academy of Medicine in Ireland, 123; Gouguenheim and Tissier, laryngeal phthisis, 126; Handemann, the human voice and speech, 265; Miller, the micro-organisms of the mouth, &c., 521  
 Rhinitis, chronic, and its sequelæ, 72; chronic hypertrophic, and affections of neighbouring organs, 163; etiology of chronic atrophic, 389; fibrinosa, primary, 29; membranous, 89, 422: new method of treatment of atrophic, and ozæna, 286; pseudo-membranous, 435; treatment of atrophic, by the galvanic current, 49; treatment of, by the galvanic current, 459  
 Rhinolithiasis, 27  
 Rhinoliths, 103, 250, 284, 389, 424  
 Rhinological and laryngological operations in the cocaine era, 477  
 Rhinoplasty, a case of, 389  
 Rhinoscleroma, 286, 488; inoculation of, in animals, 250; the bacillus of, 458  
 Rhinoscope, a plea for the use of the, 105  
 Rhinoscopy, a recent improvement in posterior, 374; on posterior, 277  
 Rubinat mineral water, 357

## S.

- Salivary calculi, 462  
 Salivation, mercurial, and ulcerative stomatitis, 381; the treatment of, 157  
 Salol in inflammations of the throat, 405  
 Scarlet fever, duration of infectiveness in, 279  
 Scarlatina in relation to cow's milk, 379  
 Scarletinaid diseases, 146  
 Scrofula, and its individual symptoms, 41  
 Short reply to Jelenffy's paper, 250  
 Skin, pemphigus vulgaris of, mouth, pharynx, and larynx, 383  
 Smell, apparatus for estimating the intensity of, 59

- Sneezing, paroxysmal, 73, 164; remarks on, 73
- Soziodol, and its therapeutic applications, 405
- Speech, disorders of, in the insane, 116
- Sphenoidal sinus, dilatation of the, 425
- Spoon, sharp rotating, for laryngeal growths, 86
- Stomatitis, etiology of ulcerative, 96; ulcerative, 247
- Struma; migrans, 434; case of intra-tracheal, 265; method of operating for, 264; report on the operations for, at the Friederichsham Hospital, 40
- Strumous gland, 250; extirpations of the, 399; pathology and treatment of the, 306
- Submaxillary gland, treatment of the, 20, 21
- Suction of the newborn, 19
- Sulphur springs of Great Britain, 144
- Sulphuric acid, poisoning by, 26
- Supra-hyoid dermoid tumour, 292
- Syphilis, inoculation of, by tattooing, 309
- T.**
- Tea and teeth, 61
- Therapeutics of infancy and childhood, 141
- Throat, anæmic sore, 70; fishbone in, 115; hysterical affections of the, 291; wandering foreign body for nine months in the, 26
- Thymus, hypertrophy of, in children, 517
- Thyroid arteries, a hitherto undescribed arrangement of the inferior, 305
- Thyroid body, cases illustrating the surgery of the, 82; enlarged, associated with epilepsy, 399; gland, accessory, 305, 488—  
artificial anæmia during operations upon the, 174;  
case of sarcoma of the, 353;  
cases of malignant disease of the, 92;  
cancer of the, 305;  
extirpation of the, 399;  
fibroid tumour of the, 174;  
further researches upon the, 173;  
hydatid cysts of the, 263;  
researches on the, 263;  
researches upon the consequences of extirpation of the, 173, 475;  
structure of the, 39;  
surgery of the, 125;  
the condition of the hypophyses after extirpation of the, 475;  
the results of extirpation of the, in dogs, 475;  
tumours, 433
- Thyroidea ima, a very large, 305
- Thyroidectomy, 173; partial, 475
- Thyroiditis, acute, 517
- Thyrotomy, a case for removal of sarcoma, 444; for laryngeal tumour, ten cases of, 171
- Tinnitus aurium, relieved by cure of nasal obstruction, 390
- Tongue, accessory thyroid gland in the, 488; benign neoplasms of the, 412; black, 20, 381; cancer of the, 412, 509; carcinoma of, 68; case of excision of the, 161; case of primary tuberculosis of the, 380; depressor for children, 60; depressor and insufflator, 374; dermoid cyst of the, 289; epithelioma of the, 20, 288, 380; glandular hypertrophy of the base of the, 437; hypertrophy of glands at the base of the, 247; nævus and macroglossia of the, 380; neuropathic, 289; operation for cancrroids of the, 412; papayotin in fissured, 96; primary syphilis of the, 97; syncope and convulsions from forced lowering of the, 413; syphilitic ulceration of the, 160; the only way of raising the, &c., 157; tubercular ulcers of the, 248; and psoriasis of the, 160; tuberculosis of the, 355
- Tonsil, abscess outside causing dyspnoea and dysphagia, 100; affections of lingual 68; alarming hæmorrhage after incision of the, 98; chronic abscess of the right, 99, 291; deep epitheliomatous ulceration of the right, 463; diseases of the lingual, 248; enlarged pharyngeal, in the aged, 59; fibroma of the, 347; ligation of, for hæmorrhage, 23; malignant tumours of the, 292; papilloma of, 463; polypus of the, 86; primary syphilitic ulcer of, 98; removal of supernumerary, 343; sarcoma of the, 50, 384, 403, 413; syphilitic gummata of the, 414
- Tonsillar deafness, 292
- Tonsillitis, 509; and infectious angina, consecutive to intra-nasal operations, 291; case of mycotic, 463; necrotic, 291; treatment of, by bicarbonate of soda, 383
- Tonsils, caseous concretions of the, 69; galvano-cautery in hypertrophied, 351; incisions into, and their indications, 480; lingual, faucial, pharyngeal, the, 161; night terror and screaming in a child, cured by removal of, 291; origin and evolution of the, 100; operation for hypertrophied, 248; on excision of enlarged, 414; primary chancre of, 383; primary carcinoma of the, 70; the surgical treatment of the, 463; the treatment of hypertrophy of the, by ignipuncture, 23; of inflammation of the, 463; when attended by hypertrophy, 352; ulceration of the, 70
- Tornwaldt's disease and the bursa pharyngea, 105
- Trachea, brass shawl pin in for ten days, 431; caseous gland projecting into the, 517; case of formation of true bone in the, 398; extraction of two tracheotomy tubes from the, 78; foreign body in, 115, 172, 300, 432; inhaler for use after tracheotomy, 60; primary tuberculosis

of the, 261; rupture of the, 301; syphilitic stenosis of the, 45; ulceration of the, and large bronchi, 472  
 Tracheal cannula, with Iris-diaphragm, 447; stenosis, produced by enlarged thyroid, 39; tamponing, 37  
 Tracheotomy, 36, 253, 474; a case of, for foreign body, 298, 516; fatal bleeding from erosion of innominate artery, 432; how should it be performed? 298; in croup and diphtheria, 18, 508; inopportunities of aluminium cannulas in, 297; one hundred and twenty-two cases of, for diphtheria, 16; under chloroform, in croup, 18; relative merits of early and late, in chronic diseases, 131, 182; tube worn for thirty-six years, 398  
 Tubercular, tumour of nasal mucous membrane, 285; ulcerations treated by camphorated naphthol, 278  
 Tuberculosis, of mouth and nose, 480; sulphur waters in, 279  
 Turbinate bone, a pathological condition of the middle, 28  
 Typhoid followed by measles, parotitis, &c., a case of, 147

**U.**

Uræmia, Bradshawe lecture on, 147  
 Uranoplasty, 68  
 Unguentum lanolini, 358  
 Uvula, elongation of, and obstinate cough, 23; hæmorrhage after excision of the, 98

**V.**

Van Houten's cocoa, 175  
 Velum palati, papilloma of the, 347  
 Ventricle of Morgagni, hernias of the, 196  
 Ventricular band, gummatous infiltration of the right, 439  
 Ventriloquy, 253  
 Vinolia soap and cream, 311  
 Visual area, restriction of the, in nasal diseases, 250  
 Vocal apparatus, functional disturbances of the, in puberty, 395  
 Vocal bands, histology of polypi of the, 514  
 Vocal cord, epithelioma of the, 472; fibroma of the, treated with the galvano-cautery, 253  
 Vocal cords, anatomy of the, 77; distribution of the glands on the, 482; hysterical affections of the, 300; microscopical drawings of sections of the, 482; œdema of, in a tubercular patient, 429; sequel to a case of epithelioma of the, 397  
 Vocalisation, methods of recovering the movements of, 301  
 Voice, affections of the, and slight pathological conditions, and of the nasopharynx, 287; on disturbance of the, 87

**W.**

Whooping cough, a method of suppressing the attack of, 454; counter irritation in, 508; therapeutics of, 406; treatment of, 148, 246, 278, 379, 406 (with antipyrin), 278, 279, 454 (with chinine), 246 (by phenacetin), 278; with singular grave central symptoms, 406  
 Wry neck, spasmodic, 308

