

OBITUARY.

WILHELM HACK.

ON April 23, Professor Hack died with great suddenness from apoplexy during a tricycle excursion. This lamented laryngologist was only thirty-eight years of age at his decease, but his name had been widely known for some years in association with his theories of the nasal origin of reflex neuroses. Though we cannot agree with the somewhat extravagant developments of these theories, we must admit that Hack was the first to bring the subject into prominence. The most important of the many papers published by him dealing with laryngological and rhinological subjects was undoubtedly his essay, entitled "Ueber eine operative Radicalbehandlung bestimmter Formen von Migräne, Asthma, Heufieber, sowie zahlreicher verwandter Erscheinungen," which appeared in 1884. It is true that he found it necessary later to modify his too enthusiastic conclusions, and it is possible that had he lived he would have seen reason to disclaim much that is extravagant and erroneous, and which has been advanced by aid of inaccurate observation and imperfect theory by his too enthusiastic followers. Nevertheless, there is a basis of scientific value in the theory of nasal neuroses, and to Hack undoubtedly belongs the great credit of first drawing attention to the subject. For this, he deserves a place in the history of rhinology to be written in the future. Professor Hack was distinguished by great personal amiability, and all who knew him in his social relations must feel that they have lost an excellent friend. Laryngological science has lost in him an ardent and able exponent.

NEW INVENTIONS.

CHLORIDE OF AMMONIUM INHALERS.

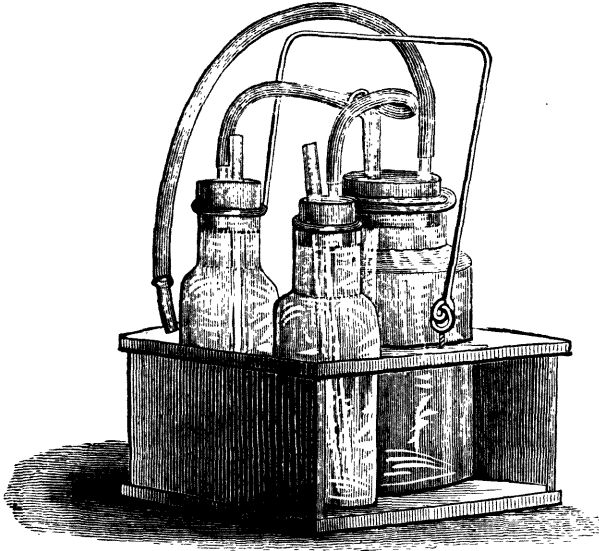
1. The Burroughs Chloride of Ammonium Inhaler (Vereker's Patent).

The Burroughs inhaler is constructed after the following plan :—

There is a large bottle for water, a small one for acid, and another for ammonia solution.

The water bottle has two tubes ; one does not touch the water, and is the draw tube for applying suction ; the other tube dips under the water, and divides externally into two branches, one of which goes to the bottle of acid, and the

other to the bottle of ammonia. Two straight tubes pass through the corks into the acid and the ammonia solution.



When suction is made on the *mouth-piece*, air rushes into the small bottles, becomes saturated, and forms a vapour of chloride of ammonium on meeting in the branched tube passing into the *water* bottle. The medicated air is thus washed before passing into the mouth-piece, and is pure, white, and nearly tasteless.

2. Basdon Smith's Inhaler.

The bottle being half-filled with water, and the india-rubber stopper firmly inserted, the apparatus is charged by lifting out the piece of pumice-stone by means of the platinum wire, and dipping it into hydrochloric acid. The solution of ammonia is dropped on to the sponge. Suction made on the mouth-piece draws the fumes of chloride of ammonium through the apparatus, and in passing through the water, they are well washed.



Both apparatus are well suited for the purpose for which they are intended. The Burroughs inhaler is a very perfect apparatus, and is highly to be recom-

E

mended. The inhaler invented by Basdon Smith is in every respect good, and it has the advantage of being cheap in cost. Its price of 5s. 6d. is less than half that of the Burroughs inhaler. It is a compact and serviceable apparatus, and having used it for some time we can confidently recommend it. Burroughs' inhaler possesses the advantage over all others that it need not be recharged every time before using.

These two inhalers are decidedly the best in the market.

NOTES.

The Treatment of Pulmonary Phthisis by Gaseous Enemata.—We have received the following communication from the editor of *The Polyclinic*, and willingly insert it as requested:—"Dr. HENRY LEFFMANN, editor of *The Polyclinic* (P. O. Box 791, Philadelphia), desires to obtain results of the new treatment of Pulmonary Consumption and Phthisis by Gaseous Enemata, for publication in *The Polyclinic*. The correct therapeutic value of this method can only be arrived at by the collection of statistics, and he therefore requests any one who has administered the gas to communicate the result to him, the formula used, and any special information that may be useful."

The American Laryngological Association.—At the meetings of this Association just held at the hall of the New York Academy of Medicine, 26th, 27th, and 28th May, a large number of papers were presented. Some of these were of great interest, and will be referred to later on in this Journal. The members of the Association were entertained at supper by Dr. George M. Leféerts, and the annual dinner was held at Delmonico's on the 27th May.

German Society of Physicians and Naturalists.—The sixtieth meeting of this Society will be held at Wiesbaden, from September 18th to 24th, under the presidency of Drs. Fresenius and Pagenstecker. An exhibition of apparatus, instruments, and anatomical preparations relating to the various sections will be opened at the same time. The eleventh section of the meeting is that of Laryngology.

Acuteness of the Sense of Smell.—Messrs. Nicholls and Bailey recently contributed to *Nature* the results of a series of experiments to test the acuteness of smell in the sexes and different individuals. The sense in the male was found to be more acute, on the average, than in the female. In some individuals it was so keen as to detect one part prussic acid in two million parts water. Several substances were experimented with, such as cloves, nitrate of amyl, extract of garlic, &c.—*Med. News*, April 23, 1887.—(From *Science*, March 25, 1887, Philadelphia.)

Letters relating to the Editorial business of the Journal are to be addressed "To the Editors."

Business communications to be sent to the Publishers, Messrs. J. & A. Churchill, 11, New Burlington Street, London, W.

London: Fardon & Sons, Printers, Wine Office Court, Fleet Street, E.C.

INDEX OF AUTHORS' NAMES.



- Abbé, 109
 Abercrombie, 77, 78
 Agnew, 219
 Aigre, 189, 259, 264
 Aikins, 150
 Albarran, 259
 Aleska, 186
 Allbutt, Clifford, 135
 Allen, Slover, 323, 385, 432
 Allen, J. R. van, 39
 Allen, H., 392, 394, 397
 Allingham, 273
 Alsberg, 455
 Anderson, Wm., 312
 Annandale, 216, 225
 Apolant, 315
 Arboleza, 332
 Archambault, 381
 Ariza, 21, 22, 62, 119, 112, 167, 178,
 301, 336, 457, 458, 479
 Asch, 379, 386, 393, 394, 395
 Aschenbrandt, 41, 42
 Assaky, 385
 Astier, Ch., 180
 Atkinson, 106
 Audry, 298
- Baber, Cresswell, 35, 119, 155, 189,
 251, 266
 Bailey, 236
 Baker, 165, 248
 Bandler, 292, 345
 Banza-Joaquin, 170
 Baratoux, 41, 123, 133, 173, 262, 263,
 265, 342
 Barbot, 135
 Barbacci, 254
 Bargellini, 103
 Barlow, 302
 Barton, 270
 Barrett, 286
 Barron, B. J., 455
 Bassols y Prim, 68, 208, 258, 280
 Baumgarten, 158
 Bayer, 37, 80
 Bean, 379, 397
 Bec, Le, 12
 Bell, J. E., 413
 Beltran, 209
 Bender, 455
 Benoit, 216
 Berger, 119
 Bergeon, 52, 245, 436
- Berrueco, 293
 Berns, 63
 Bettmann, 295
 Betz, 38
 Beyer, 192
 Bidentkap, 44
 Biot, 279
 Bird, Golding, 260
 Bishop, 385, 413
 Blanco, 332
 Blois, de, 388, 392, 396, 397
 Blumenthal, 165
 Bobone, 11, 472
 Böcher, C., 184
 Boecker, 13, 81, 195
 Bolster, 357
 Bonamy, 209
 Bosworth, 189, 190, 324, 392
 Bottini, 60
 Bouchard, 480
 Boucheron, 41, 263
 Bouchut, 66, 386
 Bourrée, 117
 Bouveret, 279
 Bovill, 9
 Bowen, O., 480
 Boyce, 299
 Brade, 51
 Branfoot, 267
 Brasch, 55
 Braun, 417
 Breda, 473
 Bremen, 156
 Bresgen, 139, 147, 292, 295, 297, 308,
 415, 419
 Bronner, 272
 Brouardel, 55
 Brown, Bedford, 335
 Brown, Dillon, 420, 421
 Brown, Haig, 82
 Brown, O. F., 39, 40, 205
 Browne, Lennox, 66, 156, 295, 352,
 353, 385, 425, 434, 440
 Brown-Sequard, 187
 Bruce, 65
 Bruen, 280
 Bruneau, 184
 Brunn, 280
 Bryant, 31
 Bryer, T. II., 58
 Buchanan, 152
 Buckmaster, 144
 Bungeroth, 285
 Burine, de, 115

- Bürkner, 50, 196
 Butlin, 79
 Butt, 26
- Cadet de Gassicourt, 145
 Caille, 419, 423
 Caird, 416
 Caldwell, Ch., 351
 Callender, 272
 Calmettes, 174
 Campà, 209
 Cant, 17
 Carò Vallès, 211
 Cardone, 181, 383
 Carlaz, 292
 Carpenter, 146
 Cartaz, 69, 416
 Carmichael, 75
 Casalesus, 22, 207, 223
 Castro, Oliveira, 344
 Cassellberry, 19, 385, 435
 Cathcart, 384
 Chabanat, 419
 Chabrol, 142
 Championnière, Lucas, 192, 279
 Chapin, Amory, 93
 Chapman, S. H., 381, 387, 389
 Charazac, 69, 435
 Charles, D. H., 67
 Chatellier, 20, 41, 174, 262, 264, 340
 Cheadle, 304
 Cheatham, 58, 174
 Cheyne, W. Watson, 136
 Chiari, 165, 384
 Chien, 428
 Church, 260
 Churton, 272
 Clarke, Bruce, 228
 Clarke, T. Mitchell, 187
 Clibborn, J. B., 52
 Clemens, J. M., 53
 Clutton, 119
 Coan, T. M., 96
 Coats, 76, 269, 369
 Coen, St., 409
 Coghill, Sinclair, 434
 Cohen, J. Solis, 83, 196, 212, 349, 378, 386, 387, 388, 392, 394, 395, 397, 418, 434
 Cohen, S. Solis, 83, 140, 282
 Cohn, 227, 300
 Colin, 232
 Collingwood, 83
 Combe, 117
 Comparé y Cabodevilla, 223
 Concetti, 97
 Coombes, 385, 435
 Corfield, 229
 Corley, 271
 Cornil, 245, 480
 Corral y Mairá, 355
 Couétoux, 418
- Count, La, 418
 Coutances, 408
 Coudenot, 428
 Cozzolino, 18, 59, 176, 471, 472, 473
 Strawberry, 150
 Crocker, 314
 Croly, 270, 271
 Curtis, H. Holbrook, 327, 385, 435
- Dalby, 17
 Daly, 285, 316, 317, 384, 462
 Davidsohn, 315, 436
 Davies, W. T. F., 230
 Davis, N. S., 273
 Davis, Henry, 461
 Debove, 370, 383
 Delavan, 372, 386, 394, 395, 396, 397
 Delie, 261
 Delobel, 459
 Delstanche, 206
 Dentu, Le, 192, 231, 338
 Descroizelles, 343, 427
 D'Estrees Debout, 193, 459
 Desprès, 460
 Desvernières, 24, 385
 Dewar, 225
 Diday, 428, 437
 Ditwich, 351
 Dixon, Christopher, 154
 Donaldson, Frank, 34, 84, 170, 375, 389, 391, 395, 396, 397
 Downie, Walker, 16, 410, 454
 Drake, Brockmann, 267, 268
 Dreschfeld, 31
 Drummond, D., 224
 Dubrueil, 218
 Duckworth, Dyce, 195
 Duffield, 215
 Duffy, 154
 Dugardin, 147
 Duguet, 116
 Dujardin-Beaumetz, 232
 Duncan, J., 427
 Duncy, F., 107
 Dupont, 300
 D'Urto, 346
 Dwight, T., 26
- Earle, 386
 Easby, 268
 Eaton, 49, 385
 Echevarria, 340
 Egeberg, 172
 Egidi, 346
 Elder, 4
 Engelmann, 208
 Enjalran, 412
 Erben, 209
 Evans, 475
 Exner, 386
 Eye, 385

Index of Authors' Names.

v

- Faiano, A., 104
Farlow, J. W., 172
Faucher, 245
Fauvel, 189, 256, 266, 459
Fédé, 255
Feinberg, 165
Féré, 225
Ferguson, E. D., 177, 218
Ferreri, 11, 220, 471, 473
Feurer, 212
Filaton, 409
Fillenbaum, 204
Finne, 414
Finny, 154
Firive, 452
Fischer, 302, 411
Fleming, 284
Flemming, 190
Flesch, 255
Flinn, E., 118
Foca, Genaro, 170
Focke, 285
Foot, 154
Forcheimer, 171
Fort, J. A., 151
Fort, Léon Le, 192
Fournier, 337, 437
Fox, Long, 62
Fraenkel, Bernhardt, 57, 67, 81, 191,
267, 312, 317
Fraenkel, E., 230, 313, 355
Fränkel, A., 36, 37, 39, 314, 315
Franks, Kendal, 271
Fraser, T. R., 313, 427
Frazer, 154
Freeman, Williams, 194
French, T. R., 10, 397
Fresenius, 236
Fritsche, 406
Frohlich, 288
Frontis, D. B., 159
Fruillet, 286
Fruitnight, 285
Fuhr, 310, 351
Füllgraff, 406
Fürbringer, 315
Fux, 312
- Gabbett, 273
Gardner, 369
Gakstein, 81
Gallozzi, 18, 116
Gardner, W., 219
Garel, 146, 189, 222, 254, 261, 262,
263, 264, 266, 267, 277
Garnett, A. P., 5
Garre, 169
Gay, 77
Gellé, 41, 263, 264, 266
Genèse, D., 206
Gennaro, de, 12
Gerhardt, 36, 255, 477
- Geuzner, 227
Gibson, 272
Giles, W. A., 417
Glasgow, 372, 382, 388, 389, 391, 392,
393, 395
Gleitsman, 428
Godet, 108
Godlee, 269
Gongalez, Alvarez, 333
Gongora, 57, 58
Gonsalez, Domingo, 55
Gordon-Holmes, 478, 479
Gordon, J., 27
Gordon, N. R., 40, 249
Gosshelf, 223
Gougenheim, 40, 180, 182, 189, 204,
231, 263, 264, 266, 307, 397
Gould, Pearce, 31
Gradle, H., 141
Grant, J., 385
Grassmont, 208
Grazzi, V., 203
Green, 248
Griffith, Crozer, 282
Griffith, Wardrop, 155
Grünwald, 302, 379
Gruzner, 350
Guttman, 315
Guy, 406
Guye, 37, 43
- Habermann, 57
Hack, 234, 316, 317
Hadden, 32
Haddon, 356
Hagenbach, 227
Hahn, 267, 477, 478
Hale-White, W., 28
Hall, L. Emmett, 4
Hall, de Havilland, 58, 112
Hamilton, 271
Hance, 65, 420, 422
Hanisch, 317
Hardaway, W. A., 138
Hardy, 437
Harkin, 282
Hartley, 155
Hartmann, 278, 296, 390
Haslund, 141
Haward, W., 118
Hayes, 353
Helmkamp, 122
Hendley, T. H., 103
Hering, 38, 79, 81, 256, 266
Herzog, Josef, 120, 415
Heubner, 227
Hewitson, 155
Heydenreich, 74
Heymann, 37, 56, 81, 100, 228
Hingston-Fox, 16, 104
Hitchcock, N.G., 152
Hobbs, 39

- Hodgkinson, 31
 Hoepfelin, 152
 Hofman, 67
 Holden, Edgar, 150, 388
 Holderness, 19
 Hooper, F. II., 353, 375, 386, 388, 389,
 391, 393, 397
 Hope, G. B., 26, 206
 Hopman, 341
 Horsley, 32, 33, 72
 Hovell, Mark, 474, 475
 Howard-Smith, 49
 Hubbell, 139
 Huber, 420
 Hubert, 14
 Hughes, A. W., 460
 Hunt, Middlemass, 293
 Hurry, J. B., 151
 Hutchinson, Jon., 269, 313

 Ingals, 339, 342, 377, 385, 386, 387,
 394, 396, 434
 Irsai, 150
 Irving, John, 98
 Isch-Wall, 452

 Jackson, 281
 Jacobi, 63, 188, 190, 377, 423
 Jacobson, 308, 416
 Jalland, 29
 James, Prosser, 352
 Jamont, 169
 Jarvis, W. Chapman, 294, 327, 372,
 389, 396, 397
 Jelenfy, 267, 406
 Jerrard, 39
 Jessop, Ch. Moore, 461
 Joal, 189, 252, 262, 264, 266
 Johnson, H. A., 381, 397
 Jones, Carmalt, 385, 431
 Jomin, 123
 Jurasz, 113
 Justo, B., 177

 Kaezorowski, 170
 Karwowski, 123
 Keimer, 334
 Keith, Skene, 29
 Kelly, 75
 Keppler, 168
 Kidd, P., 78, 307
 Killham, 93
 Killian, 206, 297
 Kionig, 408
 Klein, 39, 145
 Klein, von, 39, 273
 Klingensmith, 384
 Knickerbocker, F., 166
 Knight, Ch., 150, 367, 388, 394, 395
 Knight, F. J., 369, 389
 Knode, 39

 Koch, Paul, 64
 Kochler, 156
 Koehler, 81
 Koerner, Otto, 478
 Köhl, 366
 Korbsen, 136
 Krause, 11, 24, 36, 38, 164, 191, 192,
 384, 476
 Krauss, 168
 Kruck, 471
 Kuh, 247
 Kurz, 337
 Küssner, 350

 Labbé, 109, 231, 323, 437
 Laborde, 437
 Laborderie, Dubousquet, 60, 410
 Labus, Carlo, 102
 Lancry, 99
 Landgraf, 36, 134
 Lange, 212, 228
 Lange, Victor, 102, 215
 Langerhans, 411
 Langmaid, 370, 390, 393, 395, 396,
 397
 Larrand, 343
 Larrivé, 186
 Latham, 268
 Latour, Tolosa, 54, 83
 Lazarus, 156, 167, 191
 Lebrun, A., 105
 Lefferts, 236
 Leffmann, 236
 Leloir, 427
 Lenzmann, 133
 Lewentauer, 208
 Lewin, G., 192, 355
 Lewis, Christopher, 182
 Leyden, 315
 Lichtwitz, 101
 Liégeois, 426
 Lincoln, R. P., 374, 396, 397
 Littlejohn, 249
 Littlewood, 155
 Lloyd, J., 110
 Loewy, 57
 Logan, D. W., 39
 Loreta, 178
 Lovett, R. W., 22
 Löwe, 81
 Lublinski, 51, 56, 80, 267, 334, 419, 423
 Luc, 19, 133, 146, 174, 185, 218
 Lunn, 65
 Luys, 437
 Lyall, A., 153

 MacBride, 17, 139, 313, 411
 McCoy, 114, 372, 394, 396, 397
 MacDonald, Greville, 35, 244, 275
 MacDonell, 252
 McGill, 383
 McNaughton, 347
 Mackenzie, Hunter, 68, 85, 343, 352

- Mackenzie, H. W. G., 16
 Mackenzie, J. N., 134, 317, 338, 386,
 387, 388, 389, 390, 391, 393, 395, 397
 Mackenzie, Morell, 233, 350, 359, 474,
 477, 478
 Maclaren, 258
 Macnamara, 314
 Maguire, 272
 Major, G. W., 21, 145, 147, 159, 380,
 397
 Malécot, 123
 Mandeville, 164
 Manero, E., 285
 Marcuse, 169
 Marone, 17
 Martínez Aramburo, 54
 Maschka, 250
 Masini, G., 471, 472, 473
 Masini, O., 111, 113, 471, 472
 Mason, G. W., 223
 Massei, 108, 136, 148, 220, 221, 333,
 385, 471, 472
 Masucci, 377
 Mata, Gomez de la, 7, 332
 Mathiesen, 414
 Matthews, J. P., 39
 Maylard, 153
 Mays, T. J., 12, 213
 Mégevand, 159
 Menière, 261
 Menocal, 56
 Mercedes, 7
 Mermod, 283
 Meschede, 37
 Meyerson, 175
 Michael, 5, 80, 196, 227
 Michel, 341
 Mickulicz, 29
 Middleton, 29, 153
 Miot, 41, 266
 Mobitz, 459
 Moir, 417
 Moldenhauer, 121
 Monod, 185
 Montefusco, 97
 Morales, 186
 Morel, 52
 Morelli, 81
 Morgan, E. C., 140, 386, 395, 397
 Morris, H., 78
 Morton, 118
 Mouillot, 154
 Moura-Bourouilhon, 40, 41, 189, 262,
 264
 Moure, 43, 83, 173, 189, 262, 263, 264,
 266, 341, 384, 397, 435, 456
 Mudd, 348
 Mühe, 384
 Mygind, Holger, 319, 333

 Nachtigall, 171
 Nasse, 215, 222
 Navratil, 156, 355

 Newman, 26, 66, 150, 258, 299, 305
 Nicholls, 236
 Nicol, 152
 Northrup, 386, 420, 422, 423
 Noquet, 189, 214, 263, 264, 265
 Nota, 218
 Nuvoli, 65
 Nykamp, 61
 Nyrop, 50, 165

 Oakely, 155
 Obolinski, 251
 Odent, 99
 O'Dwyer, 188, 385, 386, 420, 421, 423,
 432
 Ogston, 143
 Oliver y Rovira, 207
 Oluszewski, 167
 Oppenheim, 308
 Ord, 32
 Ormby, 74
 Ott, 180
 Owen, 248

 Pagenstecker, 236
 Paget, Sir J., 270
 Paget, S., 77
 Palacios, 344
 Paladini, 471
 Papavant, 144
 Parker, R. W., 72
 Partridge, 383
 Pasteur, 287
 Paterne, 98
 Paterson, 258
 Patrick, 215
 Paulsen, 412
 Pauly, 65
 Pechade, 279
 Pel, 460
 Perret, 278
 Perry, 290
 Petit, 435
 Peyrot, 212, 231
 Philip, 75
 Phillips, S., 460
 Phillips, W. C., 49
 Pichevin, 298
 Piltau, 71
 Pluyette, 175
 Pohl, 213
 Poirier, 189, 266, 309
 Polherat, 346
 Politzer, 159
 Pollard, 271, 458
 Pollock, 314
 Pollok, 278
 Poncet, 117
 Poole, G. K., 292
 Porteous, 205
 Porter, 144, 317, 384, 385, 420, 430, 432
 Poshenyski, 334
 Potain, 137, 212, 412

- Poyet, 261, 263, 425
 Pramberger, 71
 Predhorski, 10
 Price, 155
 Puis, 231
 Purdy, 155

 Rabow, 93
 Rankin, 315, 384, 385
 Recamier, 185
 Reclus, 231
 Reichert, 37, 38
 Reiersen, 8
 Remak, 37
 Renault, 100
 Rendleman, 141
 Renton, 258
 Renzi, de, 20, 473
 Rethi, 410
 Reverdin, 310
 Ribbert, 187
 Rice, 188, 368, 391, 393, 394, 396
 Richardson, 101
 Richey, 139
 Riva, 473
 Robert, 354
 Roberts, 155
 Robertson, 397
 Robinson, 373, 392, 393, 394, 395
 Robson, 118, 155
 Rodman, 268
 Rodon, Figueras, 211
 Roe, J. O., 188, 296, 373, 385, 387,
 388, 396, 397
 Rosenbach, 145
 Rosenberg, A., 38, 205, 315
 Rosenberg, S., 315
 Rosenfeld, 80
 Rosenthal, 183
 Ross, 142
 Rossbach, 227
 Rothe, 136
 Routh, 32
 Routier, 104
 Ruault, 94, 265, 266, 318, 453, 480
 Rumbold, 39, 40, 278

 Sainte-Marie, 426
 Sajous, 378, 386, 387, 389, 392, 393,
 394, 395
 Salzer, 157
 Sanderson, 454
 Sands, 172, 176, 289
 Sansom, 32
 Sanz, 165
 Saunders, 32
 Schadewaldt, 81, 191, 334
 Schäffer, 100, 215, 222, 284, 306, 415
 Schaus, 294
 Schech, 17, 149, 185, 454
 Schelldwell, 224
 Schenker, 208
 Schiffers, 189, 253, 262, 263

 Schilling, 147
 Schlesinger, 37, 38, 81
 Schlip, 227
 Schmidt, Meinhard, 25
 Schmidt, Moritz, 37, 38, 79, 80, 81,
 476
 Schmiegelow, 15
 Schnellthess, 415
 Schnitzler, 38, 81, 230
 Scholtz, 156
 Schoppe, 407
 Schrakamp, 287, 458
 Schrötter, 37, 38, 146, 153, 157, 177,
 196, 476
 Schuler, 141
 Schutz, 245
 Schwabach, 80, 298
 Schwartz, 437
 Sehrwald, 95
 Seiffert, 95, 156, 181, 335, 409
 Seiss, 253
 Semelerler, 385
 Semon, 33, 37, 79
 Sevestre, 283
 Shattuck, 281
 Shirres, G., 7
 Shurley, 5, 385, 465
 Sibthorpe, 268
 Sinclair, 261
 Sloan, 27, 28, 259
 Smith, A. H., 190, 325
 Smith, J. L., 247
 Smith, S., 298
 Smythe, 267
 Snell, 224
 Snow, 312
 Sommerbrodt, 61
 Sorensen, 225
 Sota, 114, 299, 411, 452, 457
 Soyre, de, 311
 Spencer, H. R., 60
 Spicer, 228, 342
 St. Germain, de, 183, 385
 Starr, M. Allen, 390
 Stern, M. J., 385, 386
 Stewart, 258
 Stockton, 434, 435
 Stocquart, 94
 Stoerk, 29, 37, 38, 80, 157, 168, 206,
 406
 Stoker, G., 353
 Stoker, W. T., 271
 Stokes, W., 34
 Storch, O., 323
 Strassmann, 315, 436
 Strauch, 341
 Strong, 252
 Strübing, 38
 Stubbs, 386
 Stubler, 203
 Stucky, 205
 Suckling, 32, 228
 Süß, 408

- Sutton, 228
 Swain, 184
 Symonds, Ch., 213, 290
 Tanvoli, 98
 Taylor, 260
 Taylor, M. W., 228
 Teale, J., 155
 Teissier, 407
 Témoin, 289
 Terrier, 192, 193
 Thermes, 345
 Thoinot, 365
 Thomas, J. D., 296
 Thomas, R. H., 384
 Thompson, J. A., 50
 Thomson, 271
 Thomson (and Dewar), 226
 Thomson, W. H., 326
 Thoreson, 407
 Thorne, 220
 Thost, 315
 Thrasher, 385
 Tissier, 20, 114, 171, 424
 Tobold, 38, 192, 477
 Torday, 409
 Tornwaldt, 37, 80, 297
 Trélat, 480
 Trendelenburg, 228
 Treves, Fk., 76, 194, 269
 Trifiletti, A., 53, 70
 Tupper, A. M., 21
 Turner, 107, 269, 328
 Tyrman, 119
 Uchermann, 454
 Underhill, 15
 Ungar, 227
 Vacher, 262, 263, 264
 Valentin, 214
 Valera y Gimenez, 60, 211
 Varela, 332
 Verdós, Pedro, 294
 Verneuil, 192, 215, 231, 232, 28c,
 312, 437, 480
 Viard, 142
 Virchow, 267, 354, 355, 477
 Vögel, 227
 Volkmann, 228
 Voltolini, 50, 138
 Wagner, Clinton, 171
 Wagner, W. G., 246
 Waldeyer, 355
 Waldo, 298
 Walford, W. G., 148
 Warden, 353
 Watson, Campbell, 8
 Watson, Spencer, 96
 Waxham, 107, 123, 347, 386
 Weber, 365
 Wegener, 345, 425
 Wehmer, 296
 Weir, 115, 251
 Weiss, 228
 Welcker, 136
 Wells, 249
 Wenilechner, 74
 Werner, 169
 West, S., 77
 Westbrook, 387, 390, 393
 Wheeler, 349
 Wherry, 268
 Whipham, 18
 White, W. H., 28
 Whitehead, 256
 Whistler, McNeil, 352, 353
 Whittaker, 21
 Wichmann, 323
 Wignall, 116
 Wilde, R. G., 460
 Willett, G. D., 455
 Winsor, L. C., 95
 Woakes, 352, 353
 Wolf, J., 191, 459
 Wolfenden, R. Norris, 1, 53, 196, 237,
 246, 249, 317, 356, 441, 474, 478
 Wölfler, 159, 267
 Wolston, W. T. P., 32
 Wöltering, 14, 136
 Wright, 9
 Wright, C. S., 155
 Wroblewski, 180
 Young, D. S., 218
 Zenkert, 437
 Zenner, 312
 Ziem, 138, 453
 Ziemssen, 366

INDEX OF SUBJECTS.

— — — — —

A

- Adenoma, 17 ; of subhyoid region, 312
- Adenoid—growths (*see* Nasal, Post-nasal) ; tissue at base of tongue as a factor of throat symptoms, 411
- Air-passages—foreign bodies in, 289, 418 ; nitrate of silver in diseases of, 319, 323 ; treatment of upper, 324, 325 ; therapeutics of upper, 326 ; topical applications to upper, 327 ; recurrent hæmorrhage of upper, 385, 432 ; galvano-caustic treatment of upper, 385 ; remedies for diseases of, 5 ; catheterism of, 134 ; tuberculosis of, 85 ; congestive affections of, 94 ; erysipelas of, 144 ; syphilis of, 150 ; incised wounds of, 218 ; hystero-genetic zones on, 101 ; lectures on diseases of, 157
- Amygdalotomy and chloroform, 212
- Amygdalotome, new reversible, 164
- Amygdalitis—infectious, 60 ; abortive treatment of, 165 ; simple, 207 (*see also* Tonsillitis)
- Anæsthesia—in tongue operations, cocaine, 312 ; local cocaine, 204 ; and tracheotomy, 298
- Angina—pseudo-membranous in scarlet fever, 99 ; chronic parenchymatous, 60 ; pectoris, 74 ; Ludwig's, 142 ; diphtheritic, 211, 286
- Anterior rhinoscopic view, 251
- Antiseptic powders, 117
- Anti-strumous resolvent lotion, 135
- c. Antrum of Highmore—empyema of, 37, 191 ; distension of, 267 ; suppuration of, 342
- Aorta—aneurism of, 112, 147, 242, 305, 306 ; penetration of by fish bone, 369 ; pulsating, 460
- Aphonia—caused by disease of nose, 10, 24 ; cure of, 94 ; due to subglottic growth, 146 ; functional in a boy, 148 ; hysterical, 146 ; lasting two years, 147
- Apparatus—electrical light, 50 ; for gaseous injections, 245
- Applicator for throat, new, 49
- Ariza Rafael, obituary, 479
- Ascites with dysphagia, 62
- Asphyxia—in goitre, 151 ; phenomena of, 281 ; and croup, 386
- Association, American Laryngological, 386
- Association for the Advancement of Science, French, 435
- Asthma, 13, 39, 230, 454 ; nasal, 11, 13, 56, 174, 384 ; hay, 216 ; etiology and cure of, 247, 382 ; gaseous injections in, 281, 282 ; therapeutics of, 167 ; galvano-cautery treatment of, 58 ; novel remedy for, 318
- Auctioneer's spasm, 312
- Auer-Welsbach light, 50, 196

B

- Bacterio-therapy in pulmonary tuberculosis, 207
- Balneo-therapeutics in throat disease, 400

Banquet of American Medical Editors' Association, 273
 Black tongue, 184, 185
 Blennorrhœa nasi, 452
 Boecker, H. A., obituary, 125
 British Medical Association, annual meeting, 32, 352, 353, 356; Metropolitan Counties Branch, 32, 193; Oxford District Branch, 268; South Indian Branch, 267; South Wales and Monmouthshire Branch, 230
 Bronchial catarrh in children, 75
 Bronchitis, chronic, 38
 Broncho-tracheal stenosis, 223
 Bronchocele, fibro-cystic, 267 (*see* Goitre, Thyroid)
 Bronchus, foreign body in right, 471
 Buccal leucoplasia, 427 (*see* Leucoplasia)
 Bursa pharyngea, 20, 45, 80, 298 (*see* Pharyngeal, Tornwaldt)

C

Cachexia strumipriva, 351 (*see also* Myxœdema)
 Calculus, salivary, 103, 153, 315 (*see also* Rhinolith)
 Cancer (*see* Esophagus, Thyroid, Larynx, Tongue)
 Carcinoma of lung, 153
 Cat, pertussis in, 480
 c. Catarrh (*see* Nose, Larynx, &c.) of maxillary sinus, 117, 253, 262
 Catheters, tracheal, 458
 Catheterism of greater air-passages, 134
 Central London Throat and Ear Hospital, 473
 Charité Hospital, tracheotomies in, 183
 Chloroform—and tracheotomy, 183, 192, 193; and amygdalotomy, 212
 Chondroma of epiglottis, 430
 Chorea laryngis, 385
 Clergyman's sore throat, 18, 19 (*see* Pharynx)
 Clinical Society of London, 31, 78, 118, 194; 271
 Cocaine, 4; inhalation of, 5; in coryza, 93; physiological action of, 165; anæsthesia, 204, 312; in diseases of the larynx, 204; as a hæmostatic, 339; Houdé's pastilles, 480; poisoning, 93; dangers, 155; treatment by, 165
 Cockle burr in larynx, 220
 Congress, International Medical—Section of Laryngology, 123, 196, 232, 384, 429, 440, 462
 Congress of Italian Physicians and Surgeons, Twelfth, 471
 Coryza—treatment of acute, 166, 406; with nasal disease, 296; and ozæna, 214
 Coughing, stop your, 278
 Crico-arytenoid arthritis, 114, 380
 Cricoid cartilage, dislocation of, 26
 Crown Prince of Germany, the case of, 474
 Croup—tubage in, 386; and asthma, 119; prognosis, 177; tracheotomy, 125, 197; turpentine in, 208; calomel in, 211; and diphtheria, 211; intubation in, 218, 299; of nose, 296, 409
 Curette, Hartmann's, 297
 Cyst—of pharynx, 429; of vocal cord, 471; malignant of neck, 76; dermoid of neck; 459; echinococcus of thyroid, 116; of thyroid, 151; parotid, 186; of larynx, 254; 266

D

- e. Defective speech, 118
 - Degeneration, colloid, of mucous glands, 471
 - Deglutition, simple method for procuring, when the epiglottis is ulcerated, 317
 - Diaphragm, paralysis of, after diphtheria, 287
- e. Dietetics of the voice, 407
 - Difficulties in establishing natural respiration after tracheotomy, 271
 - Diphtheria—albumen in, 211 ; annotations on, 209 ; athetosis after, 53 ; causes preventing removal of tracheotomy tube after, 366 ; circumscripta, 286 ; chronic, 97 ; and croup, 53 ; contagium of, 99 ; and drainage, 154 ; etiology of, 365, 407 ; experience of, 154 ; faucial, 169 ; intubation in, 386 ; laryngeal, 409, 420 ; maniacal, 97 ; after measles, 100 ; mould fungi in, 228 ; medical study of, 355 ; nasal, 8, 333 ; one page more on, 170 ; pharyngeal, 333 ; prevention of, 54 ; in a prison, 408 ; report of Dr. Turner on, 328 ; report of Charité Hospital, 365 ; and scarlatina, 137 ; therapeutics of, 98, 285 ; tracheotomy in, 126, 132, 136, 197, 248, 287, 473 ; transmitted from throat to eye, 208 ; treatment of, 7, 8, 55, 98, 135, 136, 169, 170, 208, 209, 247, 285, 286, 332 ; of vagina, 52
 - Diphtheritic—angina and croup, 211, 286, 332 ; conjunctivitis, 408 ; paralysis, 306, 408
 - Dress, ancient compared with modern, 461
 - Drugs, local sensory action of, 12, 213
 - Dysphagia—with ascites, 62 ; clericorum, 141
 - Dyspnoea, 10 ; spastica, 24

E

- Ecraseur—a new, 323 ; ablation of tongue with, 460
- Electric light for medical purposes, 50, 165
- Electric motor, 294
- Electrolytic operations, 50
- Electrolysis, 51, 123, 283, 374
- Emphysema consecutive to stridulous laryngitis, 145
- Empyema of antrum of Highmore, 37, 191, 267
- Endo-bronchitis and tracheitis, 72
- Epidemiological Society of London, 228
- Epiglottis—action of in swallowing, 385, 431 ; deglutition in ulcerated, 317
- Epileptiform seizures from post-nasal polypus, 101
- Epistaxis, 104, 339, 385 ; treatment of, 158, 215, 231, 282 (*see* Cocaine) ; spontaneous, 292 ; uncontrolled, 340
- Epithelioma (*see* Larynx, Pharynx (Esophagus)—of superior maxilla, 185 ; of sublingual gland, 384
- Epithelial casts of tonsil, 212
- Erysipelas—of upper air-passages, 144 ; pharynx, 249 ; treatment of, 278
- Ether, differential action of, upon laryngeal muscles, 33
- Eucalyptine, 480
- Eucalyptol—in tuberculosis, 278 ; hypodermic injection of, 279 ; rectal injections of, 278
- Expectoration, curious case of sanguineous, 186
- Eye, reflex association of nose and, 295

F

- Fauces, acute tubercular ulcers, 77, 156
 Fibroma, naso-pharyngeal, 56
 Fistula colli, 459
 Fœtus, agnathous and hydrocephalic, 15
 Follicular tonsillitis (*see* Tonsils)
 Foreign bodies—in air-passages, 418; in nasal fossæ, 452 (*see also* Nose, Œsophagus, Larynx)
 Forensic casuistic, 250
 Fungus of thrush, 273

G

- Galvano-cautery. in—treatment of hay fever, 58; papilloma of larynx, 44; diseases of upper air-passages, 385; hypertrophied tonsils, 367, 394; in pharyngeal and nasal surgery, 19
 Galvano-caustic—battery 133, 206; burners for nasal hypertrophies, 49
 German Naturalists and Physicians, Fifty-ninth Meeting, 36, 79; Sixtieth Meeting, 236
 German Congress for Internal Medicine, Sixth, 227
 German Surgical Society, Sixteenth Congress, 227, 267
 Gland—removal of thyroid, 27; pathology of thyroid, 72; echinococcus cysts in thyroid, 116; cyst of thyroid, 151; functions of thyroid, 187; extirpation of thyroid, 191, 310; tumours of thyroid, 259; removal of thyroid, 313; physiology of thyroid, 350; hypertrophy of thyroid, 383; Luschka's, 412; right parotid, tumours of, 383; epithelioma of sublingual, 384; pre-laryngeal, 309.
 Glands—of mucous membrane of nose, especially Bowman's glands, 412; physiology of lingual, 227
 Glandular swelling, cure by arsenic, 194
 Glossitis, terminating in abscess, 67
 Glottides, supplementary, 189, 263, 307
 Glottis—paresis of dilators of the, 146; spasm of the, 21, 147, 255; frequency of spasm of the, 255; spasm of the, in rickets, 21; bilateral paralysis of dilator muscles of the, 307, 345; tubage of the, 419; complete obstruction of the, 458; stenosis in tubercular, 114; œdema of, in Bright's disease, 154
 Goitre, 27; arsenic in cystic, 312; treatment of cystic, 430; degeneration of a cystic, 351; exophthalmic, 28, 74, 313, 427; relation of insanity to, hysteria and exophthalmic, 383; various symptoms of exophthalmic, 426; asphyxia following, 151; interglandular enucleation of, 74; is it hereditary? 27; in animals, 259; hypertrophic, 219; surgical treatment of, 159, 459; sanguineous cystic, 151; medication with iodine, 116; menstruation and pregnancy in relation to, 28, 115, 311, (*see also* Thyroid Gland)
 Gout, parotidean, 459
 Gouty—parotitis, 193; orchitis, 193
 Graves's disease, 155; with case, 187; features of, 224; study of, 426
 Gullet, exhibition of, of man who swallowed liniment, 249

H

- Hack, Wilhelm, 334
 Hæmorrhage (in uvulotomy), 140 (*see* Tonsillotomy, Larynx, &c.)
 Hamburg Society of Physicians, 230, 315, 355

Harveian Society of London, 118, 272
 Hay-fever, 39, 40, 216, 373, 384, 385, 387, 413
 Hazeline, 480
 Headache, measures for relief of congestive, 372, 391
 Hereditary asthma associated with nasal disease, 174
 Histological note on tumours of inferior turbinated body, 20
 Hydrocephalus and spasm of glottis, 255
 Hypertrophy of thyroid and atrophy of spleen, 383
 Hystero-genetic zones in the upper respiratory passages, 101

I

Idiopathic abscess of the larynx, 345
 Ignipuncture (*see* Tonsils)
 Illumination in laryngoscopy and otoscopy, 133
 Inflammation—of hair follicles of nose, 138; of tissue of neck, 153
 Inhalation (*see* Gas, &c.)
 Inhalers, chloride of ammonium, 234, 235
 Injection (*see* Mucosa) of fluids into the trachea, 95; rectal, 245; gaseous, 245
 (*see* Phthisis, Tuberculosis)
 Injuries of nose, 251
 Insanity (*see* Goitre)
 Intubation (*see* Larynx, Esophagus, and Trachea)
 Iodine—interstitial medication of goitre, 116; stains, 159
 Iodoform—insufflation into the trachea, 7; methods of disguising the odour, 135;
 ointment, 196
 Iodol, 95; in tuberculosis, 51; catarrh, 117; a substitute for iodoform, 246

J

Journal, a new, 123
 Jubilee of Prof. Politzer, 159

L

Laryngeal—phthisis, 21, 38, 180, 256, 343, 352, 423, 472; tuberculosis, 21, 150,
 266, 279, 280, 457; mycosis, 21; stenosis, 26, 178, 353; muscles, 33, 264,
 425; nystagmus, 60; cancer, 67; syphilis, 68, 344, 472; fistula, 109;
 paralyses, 112, 221; ventricles, 145; polypus, 177, 435; intubation, 188, 218;
 papillomata, 178, 385, 458; diphtheria, 386, 409, 420; recurrent nerve, 26,
 34, 305
 Laryngismus stridulus, 302; pathology and treatment of, 304
 Laryngitis—tubercular, 52, 69, 231; œdematous, 67, 298; chronic, 68, 344; sicca,
 80; syphilitic, 111, 182, 301; sub-mucous, 144; stridulous, 145; localized,
 145; hæmorrhagic, 189, 222, 261, 397; follicular, 336; simple, 343; treat-
 ment of in professionals, 378, 392; chronic rheumatic, 385; catarrhal, 456;
 treatment of hyperplastic, 471
 Laryngo-dynamics, Westphal's contraction in, 24
 Laryngological—essays, 71; communications, 150; work, 327; work, twenty years
 of, in Mexico, 385
 Laryngology—introductory lecture to course of, 108; French Society of, 40, 123,
 189, 261; honours for, 356
 Laryngoscope, 64; in medicine, 65

Laryngoscopy, 113, 419; illumination in, 133
 Laryngotomy—thyroid, 150; after intubation, 420 (*see* “Larynx”)
 Larynx—abscess of, 345; anatomy of, 419; burn of, 258; cancer of, 113, 381; cockle-burr in, 150, 220; cocaine in diseases of, 165, 204; cysts of, 254, 266; cortical motor centres of, 473; diseases of the, 57, 157; dilatation of stenosis of the, 146; excision of the, 26, 66, 78, 219; epithelioma of, 66, 77, 78, 79, 177, 258; extirpation of, 109, 110, 157, 256, 300, 440, 441; erysipelas of, 355, 385, 470, 471; fifty-centime piece removed from, 381; foreign bodies in the, 346; fractures of, 67; gummata of the, 69; galvano-cautery in treatment of, 114; gummatous disease of the, 150; growths in, 437, 471, 473; intubation of the, 1, 65, 66, 107, 168, 177, 206, 218, 223, 298, 299, 347, 349, 377, 386, 419; innervation of the, 36; lymphatics of the, 266, 309; myalgia of, 381; massage, effects of, on, 407; œdema of, 38; occlusion, membranous, of, 425; perichondritis of, 150; paralysis of lateral adductor muscle of, 179; phthisical ulcerations of, 180; paralysis of, 289; pin removed from, 396; phthisis of the, 21; resection of, 355; syphilitic affections of, 181; syphilis of, 20, 182, 379, 471; splinter of rifle-ball removed from, 299; stenosis of, 26, 315, 379; scald of, 65; splint of bone in, 113; tuberculosis of the, 205, 315, 353, 385; tubercular tumour of, 222; tuberculous growths in, 22; tuberculous ulcers of, 38

LEADING ARTICLES:—

Intubation of the larynx, 1
 The pharyngeal bursa in post-nasal catarrh, 45
 Tubercular disease of the upper air-passages, 85
 Tracheotomy in croup and diphtheria, 125, 197
 The local treatment of laryngeal phthisis, 161
 The treatment of phthisis, 237
 The parietic palate, 275
 A new method of inhaling nitrate of silver in different diseases of the air-passages, 319
 Balneo-therapeutics in throat disease, 339
 A report upon leprosy in Europe, particularly as it affects the air-passages, 359
 On extirpation of the larynx, 441
 Legal's disease, 337
 Leprosy, lectures on, 44
 Leprosy, report on, in Europe, 360
 Leptothricia, pharyngo-mycosis, 61
 Leucoplakia buccalis, 392
 Lichen ruber of skin, &c., 455
 Lingua nigra, 184
 Linguae volubilitas, 152
 Linguals, ligature of both, 460
 Liniment, Bow's, 249
 Lotion, anti-strumous resolvent, 135
 Ludwig's angina, 142
 Lung—extension of fluids into, 95 (*see* Syphilis and Carcinoma); syphilitic infiltration of, 194
 Luschka's gland (*see* Bursa pharyngea, Tornwaldt)
 Lymphadenosis, two cases of, 75

M

Macroglossia, 272
 Major, Dr. G. W., 159

- Malformations of septum narium (*see* Nose)
 Manchester Pathological Society, 31
 Massage of the larynx, 407
 Maxillary sinus—catarrh of, 117, 189, 253, 262; cyst of, 186; foetid abscess of, 185; myeloplastic tumour of palate and, 289
 Maxilla, epithelioma of, 185
 Medical Society of Berlin, 156, 191, 267, 315, 354, 436
 „ „ Cambridge, 268
 „ „ London, 156
 „ „ Midland, 32, 228
 „ „ South East Hants, 194
 „ „ the State of New York, 188
 „ „ the Hospitals (Paris), 231
 Medical Officers of Health Society, 229
 Medical and Surgical Academy of Chatham, Canada, 190; of Spain, 35
 Medicine, Berlin Society for Internal, 191, 314
 „ Irish Academy of, 118, 154, 270
 „ New York Academy of, 189
 „ Paris Academy of, 231, 437
 Medico-Chirurgical Society, Brighton and Sussex, 155
 „ „ Edinburgh, 313, 417, 428
 „ „ Leeds and West Riding, 155, 272
 „ „ London (*see* Royal)
 „ „ Montreal, 147
 „ „ Sheffield, 230
 „ „ West London, 228
 Medico-Physical Society of Wurzburg, 156
 Menthol in tuberculosis, 205
 Middle thyroid artery, anomalous, 386
 Mineral waters, therapeutics of, 96
 Mittelfränkischer Aerzttag in Nürnberg, 437
 Mogiphonia, 191, 308
 Moure, Dr., a correction, 83
 Mouth—a form of inflammation of the lips and, 313; tubercular ulcers of, 184
 micro-organisms of, 116
 Mouth-breathing and its treatment, 249
 Muscles—classification of laryngeal, 264; structure and functions of thyro-arytenoid, 308; paralysis of laryngeal, in tabes, 345, 425; new Eustachian, 396
 Mycosis and laryngeal tuberculosis, 21
 Myxoedema—after removal of thyroid gland, 27, 32, 34, 310, 315; latest researches upon, 187; hemorrhagic tendency in, 224
 Myxofibroma (*see* Nasal)

N

- Nares—congenital occlusion of posterior, 139; inflammation of hair follicles of, 138; method of treatment for the posterior, 372, 396; plugging the posterior, 292; unique cases of congenital occlusion of the anterior, 372, 396
 Nasal—arch, distension of the, 342, 353; asthma: the causes of, 384; and polypi, 191; blennorrhoea, 452; bones, necrosis of, 39; burners, galvano-caustic, 49; calculus, 103 (*see also* Rhinoliths); catarrh (*see also* Rhinitis): treatment, 252; resorcin in, 385; snuffs for, 93; thymol in, 253; hygienic treatment of, 278; and abscess of antrum, 139; cavities, examination of, 35, 43; diphtheria, 8,

- 333; diseases: and coryza, 296; and asthma, 56; fibromata, 385; fossæ: erectile tissue of, 452; foreign bodies in, 452; indurated chancre of, 189, 264. 341; sarcoma of, 104; hæmorrhage, 373, 395 (*see also* Epistaxis); hypertrophies, scarifications in, 39; illuminator, new, 50; instruments, 353; mucous membrane: lesions of, with hereditary asthma, 174; croup of, 296. 409; canaliculi of, 340; hæmorrhage into, with cardiac hypertrophy, &c., 252; lupus of, 59; relation of, to asthma, 13; swellings of, in the prone position, 292; tuberculosis or lupus of, 195, 415; obstruction, 9; ocular troubles, 295; pathological conditions, origin of, 100; polypi, 56, 152, 341; electrolytic treatment of fibro-vascular polypi, 341; extirpation and cure of polypi, 32; instruments for removal of polypi, 96; nature and treatment of polypi, 293; operations for polypi choanarum, 102, 215; polypus; with perforation of the maxilla, 294; reflex phenomena, origin of, 11; reflexes, 58, 139; reflexes a cause of diseases of the eye, 174; determination of reflexes, 213; the pathological reflexes, 371, 387; respiration, occurrence of, before thoracic and abdominal, 213; saw, 397; septum: curvations of septum, 14, 57, 148, 294; callous thickening of septum, 139; deformities of septum, 189; etiology of deflections of septum, 395; fibro-sarcoma of septum, 174; malformations of septum, 227; operations on septum, by electric motor, &c., 294; rare defects of septum, 15; replacement of septum, 206; surgery of the septum, 385; varicose ulcers of septum, 57; speculum, 267, 406; splint (Jarvis's), 397; tuberculosis, 416; vertigo, 252, 266
- Naso-aural catarrh, 40
- Naso-pharyngeal—catarrh (arthritic), 18, 107; cavities: treatment of hypertrophies, 39; by chromic acid and trichlor-acetic acid, 205; dilator (Luc's), 132; fibroma, 56, 175; orifices, membranous occlusion of the, 175; polypus, 176; reflexes, 58, 139; tracts, thoughts relating to, 39; tumours: two rare, 176; case of recurrent, 374, 396, 416; removal of, 416
- Naso-pharynx—adenoid growths in, 17, 272, 297, 343, 417, 454, 471; forceps for adenoid growths, 245; diphtheria of, 53; micrococcus in the secretions of, 341; reflex neuroses of, 353; tumour of the, 417
- Neck—dermoid cysts of, 459; divers effects of irritation of anterior region of, 187; inflammation of deep cellular tissue of, 153; localization of sensations in throat and, 81; lympho-sarcoma of, 153; malignant cysts of, 76; two cases of tumours of, 427
- Nerve, physiology of superior laryngeal, 254
- Nerves, recurrent laryngeal (*see* Larynx, *also* Glottis)
- Neuroses—pathology and treatment of respiratory vaso-motor, 338; of the pharynx, 410
- New journal, 480
- Nose—abundant watery discharge from, after a fall, 44; connection between diseases of, and the lungs, 355; deleterious effects of tobacco on, 385; defects of septum of, 15; diseases of the, 10, 57 (*see also* Reviews); cocaine in diseases of, 165; dismembered tips of, 156; effects of diseases of, upon other portions of the respiratory tract, 10; foreign bodies in, 293; functions of the, 35, 41; injuries of, with a peculiar bony tumour of, 251; instruments for examination of, 278; mucous membrane of the, 412; neuralgic affections proceeding from the, 138; nervous symptoms arising from diseases of the, 414; osseous stenosis of the, 14; parasites in the, 138; malignant polypus of the, 228; plaster of Paris dressings for, 397; purulent secretions of, 415; reflex associations of eye and, 295; neuroses of, 11; injections of cocaine in neuroses of, 12; neuroses of, and effects of chronic pharyngitis, 12; syphilis of, 102; surgery by galvano-cautery, 19; tubercular tumour of, 215

- Noses, plastic operations for deformed, 251
 Novel remedy for asthma, 318
 Nystagmus, pharyngeal and laryngeal, 60

O

- Obituary—Rafael Ariza, 479; H. A. Boecker, 125; Wilhelm Hack, 234
 Obstruction, some forms of nasal, 9
 Occlusion—of naso-pharynx (*see* Naso-pharynx): of ant. nares (*see* Nares); membranous, of larynx, 425
 (Edema—glottidis, 154, 267; of mucous membrane of arytenoid, acute, 344; of lip, transient localized, 460; rare form of laryngeal, 38
 (Esophageal abscess (*see* Retro-Pharyngeal Abscess)
 (Esophagitis, acute, 17
 (Esophagotomy—note on, 338; for foreign bodies, 172, 270, 411; for artificial teeth, 63, 455
 (Esophagus—part of tooth-plate in, 17; multiple strictures of, 63; stricture of, 118, 143, 172, 212, 337; cancer of, 142, 259, 267; communications between trachea and, from pressure of tracheotomy tube, 194; hint in dilatation of, 196; tubage or permanent catheterism of, 213, 290; malignant tumour of, 230; gastrostomy and epithelioma of, 260; intubation of, 268; foreign body in, 290; ulcer and stenosis of, 370; perforation by fish-bone, 369; soor of, 411; syphilitic contraction of, 412
 Orchitis and gouty parotitis, 193
 Otitis and tamponing posterior nares, 41
 Otology, French Society of, and laryngology, 261
 Ovariectomy and parotitis, 29, 225
 Oxalic acid in diphtheria, 170
 Oxygen gas, three cases treated by, 95
 Oxygenation in croup as substitute for tracheotomy, 246
 Ozaena—pathological anatomy of, 57; treatment of, by animal grafting, 173
 chronic coryza and, 214; chronic rhinitis and, 472

P

- Pachydermia verrucosa laryngis, 354, 437
 Palate—tumour of, 77; chronic spasm of, 335; the paretic, 275
 Papilloma—laryngeal, 31, 157, 220; extensive, stenosis, and tracheotomy, 458; multiple, 223; teleangiectatic, 178; treatment of, 220, 471, 385 (*see also* Larynx)
 Paradoxical contraction of Westphal, 24
 Paralysis—abductor, 23, 36, 71; bilateral, of vocal cords, 156; of lateral adductor, 179; diphtheritic, 55, 285, 287, 366, 408; of dilators of glottis, 340; glottic, 180; of laryngeal muscles, 345; in bulbar paralysis, 289; on partial laryngeal, 112; laryngeal cortical, 221; operation for stenosis from, 26
 Parasites in ear and nose of man, &c., 138
 Parosmia, their causes and treatment, 103
 Parotid—suppuration, 29; cyst, 186; tumour of right, 383; gout, 459
 Parotiditis—after ovariectomy, 29, 225; gouty, with orchitis, 193; after injuries and diseases of the abdomen, 260
 Pathological Society, London, 76, 119, 269
 Perichondritis of larynx (*see* Larynx)
 Pertussis in a cat, 480

- Pharyngeal—bursa (*see* Bursa), 45, 80, 297, 298; diphtheria, 333; nystagmus, 60; stenosis, 107; surgery by the galvano-cautery, 19; tuberculosis, 20
- Pharyngitis—atrophy, 173; chronic, 12; granular, 336; tubercular, 62
- Pharyngo-mycosis leptothricia, 61
- Pharynx—adenoid growths in, 17; angioma of, 249; cyst of, 429; diseases of the vault of, 141; erysipelas of, 249, 335; hydrargyrosis of, 61; hypertrophies of lateral walls of, 368, 393; leptothrix of, 61; myalgia of, 381, 389; neurosis of, 410; paralysis of, 289; pulsating vessel of, 155, 172, 454; sarcoma of, 212; syphilis of, 20, 141; tertiary syphilis of the, 10; tuberculosis of the, 87
- Phthisis—laryngeal, 352, 423; tracheotomy in laryngeal, 38; therapy of laryngeal, 38, 180; lactic acid in laryngeal, 167; eucalyptol in, 279; local treatment of laryngeal, 163, 180, 342, 352, 472; treatment of pulmonary, by gaseous injections, 236, 237, 239, 278, 279, 280, 281, 282
- Pilocarpin in diseases of the throat, 136
- Pin in larynx for two years, case of, 396
- Pinol, 480
- Plastic operations (*see* Nares)
- Poisoning—by carbon disulphide, 58; cocaine, 93; corrosive sublimate, 260; phosphorus, 261
- Polyclinic for Diseases of the Throat and Nose, Berlin, 317
- Polypus, new snare for, 206 (*see also* Larynx, Pharynx, Nose, &c.)
- Posterior nares (*see* Nares)
- Post-nasal—catarrh (*see* Pharyngeal Bursa, &c.); operations under guidance of the finger, 453; polypus, 41; sarcomatous tumour, 215; vegetations, 417 (*see* Pharynx); epileptic seizures from polypus, 101
- Pregnancy, goitre in, 28, 115, 311
- Pre-laryngeal gland, 309
- Prize, 159
- Prognosis—in diphtheria, 54; of croup, 171; of exophthalmic goitre, 28
- Prophylaxis—of sneezing and epistaxis, 103; in rhinitis sympathetica, 139
- Pruritic rhinitis, 40 (*see also* Nose and Hay-fever)
- Psoriasis of tongue and mouth, 471
- Pug nose, correction of, by a simple operation, 296
- Pulsating aorta, 460
- Pulsus paradoxus, 314

Q

- Quinsy, 268 (*see* Diphtheritic); treatment of, especially in infants (*see* Tonsils and Tonsillitis)

R

- Rankin, letter from Dr., 315
- Ranula, acute sublingual, 117
- Rectal injections of gas, 124, 236, 245, 436 (*see also* Phthisis)
- Recurrent laryngeal nerve—relations of, 26; physiology of, 375, 376, 389
- Recurrent hæmorrhage of upper air-passages, 385, 432 (*see also* Hæmorrhagic Laryngitis)
- Recurrent herpes of tongue, 337, 428
- Recurrent naso-pharyngeal tumour, 374, 396
- Recurring laryngitis hæmorrhagica, 397 (*see* Supra)
- Reflex neuroses (*see* Nasal Neuroses)

Report of—Copenhagen Hospital for Infectious Diseases, 225 ; Royal Hospital for Sick Children, Edinburgh, 226 ; of Dr. George Turner on diphtheria in lower animals, 328
 Respiratory convulsions and laryngismus stridulus, 302
 Respiratory vaso-motor neuroses, 338
 Retro-nasal catarrh, 80 (*see* Nasal)
 Retro-oesophageal abscess, 107
 Retro-pharyngeal abscess, 18, 119, 289, 455

REVIEWS :—

“The Functions of the Nose in Respiration,” by Aschenbrandt, 41
 “Manuel Pratique des Maladies des Fosses Nasales, &c.,” by Moure, 43
 “Lectures on Lepra,” by Bidentkap, 44
 “Tonsillitis in Adolescents,” by Haig Brown, 82
 “A Guide to the Examination of the Nose,” by Cresswell Baber, 119
 “The Diseases of the Sphenoidal and Ethmoidal Sinuses, &c.,” by Berger and Tyrman, 119
 “Acute and Chronic Catarrh of the Naso-Pharynx, &c.,” by Herzog, 120
 “Diseases of the Nose and Neighbouring Parts and of the Naso-Pharynx, &c.,” Moldenhauer, 121
 “Diagnosis and Treatment of Diseases of the Mouth, Pharynx, and Teeth,” by Helmkampf, 122
 “Lectures on Diseases of the Larynx, Air-passages, Nose, and Pharynx,” by Schrötter, 157
 “Epistaxis and its Treatment,” by Baumgarten, 158
 “The Surgical Treatment of Goitre,” by Wölfler, 159
 “On the Centre of Smell,” by Zuckerkandl, 195
 “The Hygiene of the Vocal Organs,” by Morell Mackenzie and Holger Mygind, 233
 “Medical Study of Diphtheria, &c.,” by Corral Mairá, 355
 “Notes from Private Practice,” by Haddon, 356
 “On Growths in the Larynx,” by Schwartz, 437
 “History of Laryngology from the Earliest Times,” by Gordon Holmes and Koener, 478
 Rheumatic laryngeal disease, 385, 465
 Rhigolene and oil as a vehicle for sprays, 203
 Rhinitis—pruritic, 40 ; atrophic, 264 ; due to occupation, 292 ; treatment of, 472
 Rhinolith, 9, 155, 156, 228
 Rhinology—in the past and future, 39 ; history of, 385
 Rhinological Association, American, 39
 Rhinoscopic view, anterior, 266
 Rhino-scleroma—tissue from, 31 ; case of, 415
 Rötheln, remarks on, 461
 Royal Society of Physicians, Buda-Pesth, 156, 267, 335, 355
 Royal Medical and Chirurgical Society of London, 77, 193, 313

S

Sandringham sore throat (*see* Diphtheria)
 Sarcoma (*see* Nasal, Pharynx)
 Scarifications in nasal hypertrophies, 39

- Scarlatina—and diphtheria, supposed analogy between, 53 ; or diphtheria? 137 (*see* Tonsillitis)
- Schäffer, Dr., his answer, 415
- Septum (*see* Nose, Nasal)—narium, curvatures of the, 57
- Silver, inhalation of nitrate of, 319, 323
- Singing, influence of respiration on, 71
- Sinuses, diseases of the sphenoidal and ethmoidal, 119
- Skin—lesions of the, 472 ; diseases of the, 313 ; lichen ruber of the, 455 ; affections of the, 283
- Smell, acuteness of sense of, 236
- Snare, a new, 323, 385
- Sneezing—hysterical, 140 ; spasmodic, 11, 101 ; treatment of, 58 ; prophylaxis of, 103
- Soor (*see* Esophagus)
- Spanish Society of Hygiene, 13
- Spasm (*see* Glottis)—of deglutition, 308 ; clonic, of soft palate, 335
- Specialism in France, 274
- Speech, defective, 118
- Spray, medicated, 406
- Spray-producing device, 294
- Sputum, tubercle bacillus in, 75
- Stammering, 81, 258
- Stenosis—laryngeal from paralysis, 26 ; pharyngeal, 107 (*see* Pharynx, Larynx, and Trachea)
- Stenoses granulation, 65
- Sternocleidomastoid, atrophy of left, 460
- Stomach, puncture of (*see* Esophagus)
- Stomatitis, ulcero-membranous, 283, 427
- Strychnine in diphtheritic paralysis, 55
- Sub-glottic region, lymphatics of the, 309
- Surgical Society of Paris, 192, 231
- Sweating, localized facial, 460
- Syphilis (*see* Pharynx, Throat, Larynx, Nose), of liver and spleen, 107 ; constitutional, 107 ; of lung, trachea, and bronchi, 149 ; hereditary, 473
- Syphilitic (*see* Laryngitis)—diseases of upper air-passages, 150 ; subjects, 337 ; stenosis of trachea, 228

T

- Tabes dorsalis, 146 ; combined with gastric and laryngeal crises, 308 ; symptom of, 425
- Talmud, translation of the, 273
- Tea-drinking, excessive, causing dryness of throat, 454
- Teeth—removal of by œsophagotomy, 63, 455 ; diseases of the, 122
- Tetany, pathology and treatment of, 104
- Therapeutics—of mineral waters, 96 ; of diphtheria, 98, 215 ; of asthma, 167 ; of respiratory diseases, 168 ; of whooping-cough, 227, 284
- Thermocautery—cure for sore throat, 60 ; in diphtheria, 333
- Throat—localization of sensation in organs of the, 334 ; affections, constitutional causes of, 370, 395 ; clergyman's sore, 18, 19 ; sore, from coal-gas, 229 ; on sore, 356 ; tertiary syphilis of the, 142 ; sensory affections of the, 389 ; cut, 417
- Thymol (*see* Catarrh), 253

- Thyroid—tumour of, 115, 189; laryngotomy, 150; enlarged, 351
 Thyroid artery—ligature of superior, 74, 267; an anomalous middle, 386
 Thyroid gland—removal of, 27, 313; pathology of, 72; cysts in, 116, 151; functions of, 187; extirpation of, 191, 310; tumour of, 259; physiology of, 350; hypertrophy of, 393
 Thyrotomy (*see* Larynx), 258
 Tobacco, deleterious effects on throat and nose of, 385
 Tongue—hæmorrhage from, 67; the black, 185; lymphoid tissue of the, 313; four cases of excision of the, 383; angiomas of the, 428; herpes of the, 428; imaginary ulcerations of the, 437; cancer of, 460; ablation of, 460; hemiatrophy of, 460; psoriasis of, 471; lesions of, 472
 Tonsillitis—acute, 16; infectious, 60; in scarlet fever and diphtheria, 104; treatment of, 105, 106, 248; in infants, 248, 268; follicular, 288; in adolescents, 82; phlegmonous with ulceration of internal carotid, 334
 Tonsillotomy—in malignant disease, 60; accidents during, 141; chloroform and, 212, 231; hæmorrhage following, 16, 171, 289, 410
 Tonsils—angioma of, 334; functions of the, 16; congenital defects of the, 31; casts of, 212; tuberculosis of, 77, 334, 353; hypertrophy of, 336; galvano-cautery for, 367, 394; physiology of, 227; malignant disease of, 270, 271; ignipuncture of, 385
 Tornwaldt's disease, 19 (*see* Bursa Pharyngea)
 Trachea, 169; insufflation of iodoform into, 7; stenosis of, 25, 228, 472; diseases of, 284; fracture of, 190; abscess of, 80; injection of fluids into, 95; pressure on, causing death, 107; syphilis of, 149; syphilitic infiltration of, 194; catheterism of, 419
 Tracheitis—chronic, 38; crouposa, 145
 Tracheocele, case of, 81
 Tracheotomy, 65, 67, 151, 216, 218, 256, 258, 458; causes of granulation stenoses after, 65; therapeutic value of, 167; for syphilitic affections of the larynx, 181 (*see* Laryngitis), 182; chloroform and, 183, 193, 231; under chloroform, 192; -tube, result of pressure on, 194; difficulties in establishing natural respiration after, 271; anæsthesia and, 298; rapid, 346; for foreign body, 346; and intubation, 348, 385; new aid to, 353; three rare cases of, 458
 Tracheotomies—statistics of, 151; in Charité Children's Hospital, 183
 Trigeminal and nasal neuroses, 11
 Tubage—for stricture of œsophagus, 213, 290; of larynx, 386; of glottis, 419
 Tube—Eustachian, 396; into air-passages, 418
 Tubercle bacillus—in sputum, 75; rapid staining of, 273
 Tuberculosis, 153, 269; of tongue, 212; treated by bacterio-therapy, 280; of nose, 295, 415, 416; of tonsils, 334; diagnostic differentiation of recent, 385; in larynx, 20, 21, 51, 81, 181, 205, 266, 279, 280, 302, 315, 379, 385, 434, 457; in pharynx, 20; laryngo-pulmonary, 207; compressed air in, 208; of throat, 434; treatment of, 473 (*see* Phthisis)
 Tumour—of palate, 77; of thyroid, 115; tracheal, 111; operation for, 215; tubercular, 222; malignant of œsophagus, 230; peculiar bony of nose, 251; of thyroid gland, 259; sarcomatous, 296; large intra-thoracic, 351; of right parotid gland, 383; naso-pharyngeal, 396, 416, 417; cystic, of vocal cord, 471
 Tumours—of neck, 427; two, muriform, 20; malignant, 60, 80; two, very rare, 176; of nose, 215; in skull, 269
 Turbinate bodies, surgery of the, 385
 Turner, Dr. George, experience of diphtheria, 329
 Turpentine, oil of, 208; in diphtheria, 285
 Typhoid fever, laryngeal complications in, 424

U

- Ulcer, varicose of nasal septum, 57
- Ulceration—of respiratory passages, 52 (*see* Tongue); alveolar, 269
- Uvula—double, 171, 357; diseases of the, 409
- Uvulotome, a new, 244
- Uvulotomy (*see* Hæmorrhage)

V

- Vagus, pressure of aneurisms upon the, 305
- Vegetations—adenoid, 272, 297, 471; post-nasal, 417
- Velum—lesions of the, 472; adenoma attached to the, 17
- Ventricles, prolapse of the laryngeal, 145
- Vertigo—laryngeal, 83, 345; nasal, 189, 252
- Vesicular murmur in respiration, 76
- Vessels—pulsating in pharynx, 454; lymphatic in larynx, 472
- Vienna Society of Physicians, 157
- Vocal—affections, 435; bands, growths on the, 418
- Vocal cord (*see* Epithelioma)—cystic tumour of the, 471; anomaly in thyroid insertion of right, 41; paralysis of adductor of left, 70; recurring hæmorrhage of the, 379
- Vocal cords—passive tension of the, 71; bilateral paralysis of the, 156; instrumental division of the, 178; treatment of paralysis of the, 223; instrument for scarification of the, 264, 277
- Vocal organs, affections of the, 456
- Voice—loss of, 455; premature fatigue of the, 308
- Voltolini's—small battery, 51; sponge method, 220

W

- Water-pollution with reference to diphtheria, 386
- Westphal's paradoxical contraction, 24
- Wharton's duct, concretions in, 315
- Whooping-cough, 169; cocaine in, 4; muriate of cocaine in, 5; therapeutics of, 5, 284; treatment of, 168, 323; in 1887, 406; amongst old people, 345
- Wiener Doctoren Collegium, 230
- Wound—penetrating of larynx, 177; gunshot of larynx, 258
- Wounds of throat penetrating air-passages, treatment of, 218

