

Guarnieri's gelatin agar, viii. 375
Guernsey and the Channel Islands, iv. 426
Guëthol, iv. 425
Guinea-pigs, growth of, iv. 421
haemolymph glands of, iv. 469
Guinea worm, vi. 210; and see *Filaria medinensis*
Guinoral, iv. 426
Gullet, see *Oesophagus*
Gum, acacia, iv. 427
acaroides, viii. 318
ammoniac, i. 217
animal, see *Dextrin*
Arabic, iv. 427
artificial, iii. 428
balata, i. 723
Benjamin, i. 745
Botany Bay, viii. 318
elastic, vi. 1002
guaiaic, iv. 423
myrrh, vi. 85
resins in plants, i. 102
seneca, iv. 427
tragacanth, vii. 845
Gum tree, blue, iv. 15
Gumma, vii. 613; and see *Syphilis*
of the arm and forearm, i. 457
of the auricle, iii. 675
of the brain, diagnosis of, ii. 450
of the kidney, v. 361; vii. 626
of the larynx, v. 443
of the liver, v. 561; vii. 624
of the lung, vii. 622
of the pharynx, vi. 596
of the tongue, vii. 795
of the trachea, v. 445
Gummi olibani, vi. 355
Gums, see *Active principles*
inflamed, treatment of, iii. 407
in plants, i. 101
Gum-weed, California, iv. 415
Gun-cotton, iii. 298
as an explosive, vii. 910
soluble, iii. 298
Gun-firing, concussion due to, effect of, on hearing, iii. 603
Gunjah, ii. 647
Gunning's test for acetone, i. 67; viii. 49
Gun-powder, iv. 429; vii. 909
Guns, iv. 427; and see *Gunshot wounds*
Gunshot injuries, iv. 433
Gunshot wounds, iv. 427
bullets in, to be let alone, iv. 446
complications, iv. 444
diagnosis, iv. 441
general treatment, iv. 444
in the Civil War, iv. 450
in the Spanish-American War, iv. 450
mortality from, iv. 443
multiplicity of, iv. 441
of soft parts, iv. 438
of the abdomen, iv. 454
of the blood-vessels, iv. 447
of the chest, iv. 452
of the ear, iii. 689
of the external auditory canal, iii. 689
of the head, iv. 451
of the joints, iv. 438, 449; v. 295
of the long bones, iv. 438, 449
of the orbit, vi. 408
of the spine, iv. 451
of the viscera, iv. 455
primary symptoms, iv. 440

Gunshot wounds, prognosis, iv. 442
remote effects, iv. 444
requiring amputation, i. 236
statistics of, iv. 450
Gurgles, vi. 838
Gurjun balsam, iv. 456
Gurjunic acid, iv. 456
Guru nuts, see *Kola nuts*
Gusano peludo, v. 153
Gussenbauer's artificial larynx, v. 425
Gut-cleaning, regulations for, vi. 332
Gutta, iv. 456
Gutta percha, iv. 456
Guyon's flexible prostatic catheter, ii. 743
modification of Syme's amputation, i. 259
Gymnastics for soldiers, v. 816
in treatment of scoliosis, v. 463
medical, v. 695
Gymnema sylvestre, i. 565
Gynæcological examinations, iv. 456
anæsthetics in, iv. 457
bimanual, iv. 458
dilatation, iv. 466
external genitals, iv. 458
history, iv. 456
inspection, iv. 458
nurse, assistance of, iv. 457, 464
table for, iv. 457
the aspirating syringe, iv. 466
the curette, iv. 466
the cystoscope, i. 779
the dressing forceps, iv. 464
the depressor, iv. 464
the microscope, iv. 466
the probe and sound, iv. 465
the speculum, iv. 462
the tenaculum, iv. 465
vaginal, iv. 458
with instruments, iv. 462
without instruments, iv. 458
Gynæcological operations, followed by leucorrhœa, v. 495
use of cocaine in, iii. 160
Gynæcophorus hæmatobius, vii. 872
Gynatresia, i. 604
Gynocardia, ii. 802
odorata, ii. 802
Gynocardic acid, ii. 803
Gypsum, ii. 503
Gyres, ii. 187
callosal, ii. 193
fronto-marginal, ii. 193
inflected, viii. 154
insular, ii. 193
intercentral, viii. 159
medifrontal, ii. 193
orbital, ii. 193
paracentral, ii. 193
parietal, ii. 193
paroccipital, ii. 193
postcentral, ii. 193
precentral, ii. 193
rectus, ii. 193
subcalcarine, ii. 191
subcollateral, ii. 191
subfrontal, ii. 193, 203
subparietal, ii. 193
superfrontal, ii. 193
supertemporal, ii. 193
temporal, ii. 193
Gyromitra, iv. 281

Gyromitra brunnea, iv. 281
esculenta, iv. 281
Habit, cocaine, iii. 162
opium, cocaine for, iii. 160
Habit contractures of hand, iv. 528
Habitations, air of, iv. 754
basements, iv. 753
building materials, iv. 751
drainage, iv. 762
floors, iv. 752
halls, iv. 753
heating of, iv. 758
interior arrangements, iv. 753
interior finish and decorations, iv. 753
lighting of, iv. 761
roof and roofing, iv. 752
sanitary inspection of, iv. 768
site, iv. 750
stairs, iv. 753
temperature of, iv. 755
testing for plumbing, iv. 766
ventilation of, iv. 755
wall decorations, iv. 753
water supply, iv. 762
Habitations for soldiers, v. 807
et seq.
Habits, in life insurance, v. 510
Hæmachromatosis, vi. 635
Hæmacytometer, Gowers', ii. 42
Oliver's, ii. 50
Thoma-Zeiss, ii. 42
Hæmadipsa, iv. 702
japonica, iv. 702
zeylanica, iv. 702
Hæmalbumin, v. 230
Hæmameba malarie, viii. 541
vivax, viii. 542
Hæmangioendothelioma, vii. 38, 908
Hæmangioma, i. 350; vii. 908
cavernosum, i. 350
of liver, v. 555
simplex, i. 350
telangiectatic, i. 350
Hæmatemesis, vii. 511
in cancer of the stomach, vii. 515
neonatorum, vi. 280
Hæmaticum, v. 230
Hæmatidrosis, iv. 466
Hæmatimeter of Hayem and Nacet, ii. 41
Hæmatin, ii. 29
in urine, viii. 51
Hæmatinics, vii. 807
Hæmatinuria, viii. 51
Hæmatoblasts, ii. 33
Hæmatocele, iv. 60; vii. 188
pelvic, iv. 60
pudendal, viii. 161
retro-uterine, iv. 60
scrotal, vii. 178
vaginal, vii. 178
Hæmatocrit, Daland's, ii. 34, 48
Hedin's, ii. 47
Hæmatogen, v. 230
Hæmatogenous pigments in the tissues, iii. 397
Hæmatoidin, ii. 29; vi. 635
crystals, ii. 29
infarct, iv. 868
Hæmatol, v. 230
Hæmatolysis, viii. 467
Hæmatoma, iii. 273; vi. 814
aspiration for, i. 580
of the amnion, i. 226

Hæmatoma of the auricle, iii. 608
of the ear, iii. 687
of the sterno-cleidomastoid muscle in the new born, vi. 277
of the ovary, vi. 434
pudendal, viii. 161
treatment, iii. 274
Hæmatomyelia, vii. 349
Hæmatopoesis, ii. 26
Hæmatoporphyrin, ii. 29
in the urine, viii. 51
Hæmatosalpinx, iv. 135
Hæmatoscope, Henocque's, ii. 53
Hæmatoxilin, v. 567
stain for nerve tissues, ii. 326
Hæmatoxylon, v. 566
action and use, v. 567
campechianum, v. 566
Hæmaturia, i. 786; viii. 32
essential, v. 328
in chronic nephritis, v. 328
in cystitis, i. 794
in hypertrophy of prostate, vi. 764
in renal calculus, v. 328
in renal tumor, v. 326
in tuberculous kidney, v. 328
source of bleeding in, v. 327
tests for, viii. 32
Hæmentaria, iv. 702
Ghilliani, iv. 702
officinalis, iv. 702
mexicana, iv. 702
Hæmic murmur, ii. 822
Hæmin, ii. 29
crystals, ii. 29, 75
in blood stains, ii. 74
Hæmochromatosis, ii. 69
Hæmochromogen, ii. 29
Hæmocyannin, animal pigment, iii. 225
Hæmocytolysis, vi. 205; viii. 467
Hæmodynamometer, Volkmann's, iii. 100
Hæmofuscin, vi. 634
Hæmogallol, iv. 466; v. 230
Hæmoglobin, ii. 27; vi. 949
absorption spectra of, ii. 28
composition of, ii. 28
compounds of, ii. 29
decrease of, vi. 355
estimation of, ii. 51
comparison of various methods of, ii. 59
influence of chlorates upon, iii. 2
of iron upon, v. 221
in lower animals, iii. 224
in pernicious anæmia, i. 273
in poisoning by CO, i. 662
in the urine, viii. 32
tests for, viii. 32
reduced, ii. 27; vi. 949
relation of, to specific gravity of the blood, ii. 24, 60
Hæmoglobinometer, Gowers', ii. 54
Oliver's, ii. 57
Taylor's, ii. 57
von Fleischl-Miescher, ii. 57
Hæmoglobinuria, viii. 32
tests for, viii. 32
Hæmol, iv. 466; v. 230
Hæmolymp glands, iv. 466; v. 657
circulation in, iv. 471
definition and description, iv. 466
development, iv. 471
experimental pathology, iv. 472

Hæmolymp glands, function, iv. 471
histology, iv. 467
in anæmia, iv. 471
in leucocytosis, iv. 472
in leukæmia, iv. 472
in lower animals, iv. 467
in man, iv. 469
location, iv. 467
marrow-lymph glands, iv. 470
occurrence, iv. 467
pathology, iv. 466, 471
Hæmolysis, vi. 205; viii. 467
agglutination in relation to, viii. 473
anti-hæmolysin, viii. 473
bacteriolysis, viii. 476
by bacteria, viii. 474
by known chemical and physical agencies, viii. 467
by serums, viii. 468
by vegetable poisons, viii. 474
by venoms, viii. 474
cytolysis, viii. 476
Ehrlich's theory of, viii. 468
serum, varieties of, viii. 476
Hæmometer, von Fleischl's, ii. 55
Hæmopericardium, iv. 472
Hæmophilia, iv. 473
definition, iv. 473
diagnosed from purpura, v. 862
diagnosis, iv. 475
ecchymoses and petechiæ in, iv. 474
etiology, iv. 473
external hemorrhages in, iv. 474
hereditary transmission, iv. 473
history, iv. 473
interstitial hemorrhages in, iv. 474
joint affections in, iv. 474; v. 265, 275
morbid anatomy, iv. 474
pathology, iv. 475
prognosis, iv. 475
symptoms, iv. 474
synonyms, iv. 473
treatment, iv. 475
Hæmopneumothorax, v. 598
Hæmoptysis, iv. 476
after-treatment, iv. 477
cold in, iii. 195
in pulmonary tuberculosis, v. 605
physical signs, iv. 477
prodromal symptoms, iv. 476
sequelæ, iv. 478
symptomatology, iv. 476
treatment, iv. 477
Hæmosiderin, vi. 635
Hæmosiderosis, vi. 635
Hæmostatics, iv. 478, 634
Haffkine's prophylactic treatment of bubonic plague, ii. 512
Hagenia abyssinica, v. 376
Hair, viii. 563
abnormalities of, vii. 717
atrophy of, i. 604
cells, i. 621
cortex, viii. 565
cuticula, viii. 566
embryology, viii. 563
end, i. 606
external root sheath, viii. 566
gray, ii. 647
Henle's layer, viii. 566
Huxley's layer, viii. 566
in insanity, v. 51, 58

Hair, inner root sheath, viii. 566
medulla, viii. 566
precocious development of, iv. 807
removal of, by electrolysis, iv. 808
ringed, ii. 647
root sheaths, viii. 566
sheaths, viii. 565
superfluous, iv. 807
syphilitic diseases of the, vii. 616
Hair dyes, injurious effects of, iv. 479
Hair follicle, histology of the, viii. 565
Hairiness, abnormal, iv. 807
Hair-snakes, vi. 224
Hair-worms, vi. 224
Haldane's method of determining CO₂ in air, vi. 160
Haliteresis ossium, vi. 426
Halitosis, ii. 480
causes of, ii. 481
treatment, ii. 481
Halls, iv. 753
Hall's method of artificial respiration, i. 560
Hallucinations, v. 46
a symptom of insanity, v. 46
in paranoia, v. 138
Hallux flexus, iv. 213
rigidus, iv. 213
valgus, iv. 213
varus, iv. 214
Halsted's interrupted suture, v. 178
method of preparing sutures and ligatures, i. 568
operation for radical cure of inguinal hernia, iv. 674
Halteridium danilewsky, vi. 660
Hamamelis, viii. 313
virginiana, viii. 313
Hamilton's apparatus for treatment of fracture of lower jaw, v. 252
dynamometer, iii. 564
method of reducing dislocation of hip, iii. 525
Hammer (of the tympanum), anatomy of, i. 616; iii. 584
Hammer-finger, iv. 523
Hammer-toe, iv. 215
Hammond's æsthesiometer, i. 135
dynamometer, iii. 564
wire-splint, v. 253
Hamularia lymphatica, vi. 212
Hancock's method of amputation of foot, i. 258
Hand, iv. 479
absence of, iv. 492
acquired deformities of, iv. 508
amputation of, i. 250
anatomy of, iv. 482
and foot, comparison between, iv. 190
anomalies of arteries, i. 532
of muscles, vi. 55
ape, iv. 531
arteries of, iv. 489
artificial, v. 514
ataxia of, iv. 528
burns and scalds of, iv. 502
bursa of, ii. 524
chancre of, iv. 505
cicatrical contractions of, iv. 508
circulatory disorders of, iv. 527
claw-, iv. 531
cleft, iv. 496

Hand, club-, iv. 496, 497
 comparative anatomy of, iv. 480
 congenital deformities of, iv. 491
 congestion of, iv. 527
 contractures of, habit, iv. 528
 of occupation, iv. 528
 contusions of, iv. 502
 crushed, iv. 502
 cutaneous distribution of the
 nerves of the, iv. 487
 deep fascia of, iv. 485
 deflections of, iv. 496, 513
 deformities of the, iv. 490
 acquired, iv. 508
 contractions of the fingers,
 iv. 508
 from occupation, iv. 509
 dermatitis of, iv. 512
 dermatoses of, iv. 511
 development of, iv. 480
 diseases of, iv. 490
 disinfection of, vi. 795
 dislocations of joints of the, iii.
 523; iv. 512
 divisions of, iv. 481
 double, iv. 493
 eczema of the, iii. 726; iv. 511
 elephantiasis of, iv. 499
 embryology of, iv. 481
 expression of emotion by, iv. 489
 fasciae of, iv. 484
 foreign bodies in, iv. 502
 frost-bite of, iv. 502
 hemiplegic contractures of, iv.
 530
 hypertrophy of, iv. 498
 hysterical contractures of, iv. 532
 in acromegaly, i. 89; iv. 500
 in amyotrophic lateral spinal
 sclerosis, iv. 532
 in arthritis, iv. 513
 deformans, iv. 514
 in cervical paraplegia, iv. 531
 in childhood, iv. 515
 in erythromelalgia, iv. 531
 infections and parasitic condi-
 tions of, iv. 502
 inflammations of, iv. 502
 in fright, iv. 488
 in general diseases, iv. 533
 in gigantism, iv. 500
 in gout, iv. 514
 in hypertrophic cervical pachy-
 meningitis, iv. 531
 in infantile hemiplegia, iv. 532
 injuries of the, iv. 501, 516
 in lead palsy, iv. 529
 in median paralysis, iv. 530
 in musculo-spiral paralysis, iv.
 530
 in myxœdema, iv. 500
 in osteoarthropathy, iv. 500
 in paralysis agitans, iv. 533
 in progressive muscular atrophy,
 iv. 531
 in rheumatism, iv. 514
 in syringomyelia, iv. 500
 in tetany, iv. 532
 in ulnar paralysis, iv. 530
 ischaemic myositis of, iv. 527
 keratoderma of palm of, v. 304
 leprosy affecting the, iv. 507
 lymphatic vessels of, v. 631
 malformations of, iv. 490
 middle region of, iv. 483
 muscles of, iv. 485
 muscular affections of, iv. 527
 power of, iii. 565

Hand, myositis of, iv. 528
 necrotic conditions of, iv. 507
 neoplasms of, iv. 500
 nerves of, iv. 488
 nervous affections of, iv. 528
 neuralgia of, iv. 528
 occupation neuroses of, iv. 528
 of glory, iv. 480
 paralysis of, iv. 527
 paralytic deformities of, iv. 527
 phlegmon of, vi. 615
 physiognomy of, iv. 489
 preachers', iv. 530
 scabies of, iv. 507
 scalds of, iv. 502
 senile changes in, iv. 533
 supernumerary, iv. 493
 superstitions concerning, iv. 479
 surface markings of the palm, iv.
 483
 synovial sheaths of, iv. 244, 482
 syphilis affecting the, iv. 505
 tendons of, iv. 485
 the convulsive, iv. 487
 the energetic, iv. 489
 the feeble, iv. 488
 the nervous, iv. 489
 the tonic, iv. 488
 trophic changes in, iv. 528
 tuberculosis of, iv. 504
 ulcers of, iv. 508
 wounds of the, iv. 501
Handkerchief bandage, iii. 557
 dressings, iii. 557
Hanging as a cause of asphyxia, i.
 577
 evidences of death from, i. 672;
 vii. 535
 suicidal or homicidal? i. 578
Hanging-block cultures, viii. 388
Hanging-drop cultures, viii. 388
 slide for, viii. 394
Hangnail, vi. 93
Hanot's cirrhosis, v. 548
 diagnosed from obstructive cir-
 rhosis, v. 547
Haplopappus Baylahuen, iv. 415
Haptophore, viii. 470
Harbin Hot Sulphur Springs, iv.
 533
Hardening tissues, methods of, iv.
 706
Hardhack, vi. 1000
Hardness of water, viii. 286
Harebell, ii. 622
 family, see *Campanulaceae*
Harelip, iv. 534
 accidental, iv. 535
 Collis' operation for, iv. 537
 congenital origin of, iv. 534
 deformities associated with, iv.
 534
 double, iv. 535
 hereditary transmission of, iv.
 534
 Malgaigne's operation for, iv.
 536
 median, iv. 535
 Mirault's operation for, iv. 536
 operations for, iv. 536
 Phelps' operation for, iv. 537
 Sédillot's operation for, iv. 536
 Thomas Smith's operation for,
 iv. 538
 time for operating upon, iv. 535
Hare's method of brain localization,
 ii. 404
Harmattan (wind), iii. 140

Harmony and discord, i. 615
Harris' instrument for obtaining
 urine from the two ureters sepa-
 rately, v. 355, 356
Harris Lithia Springs, iv. 538
Harrison Hot Springs, iv. 538
Harrison's groove, ii. 810
Harting's injection tank, iv. 726
Hartley's method of dressing after
 resection of knee, vi. 935
Hartmann's cannula, iii. 651
 tuning forks, iii. 660
Harvey-Banting treatment of obes-
 ity, i. 125
Hashish, ii. 647
Hastings and St. Leonards, Eng-
 land, iv. 539
Hat, military, v. 794
Havana, history of yellow fever in,
 viii. 584
Haversian canals, ii. 115
 systems, ii. 115
Haw, black, viii. 234
Hawaii, iv. 539
 climate of, iv. 541
 flora and fauna of, iv. 541
 geography of, iv. 540
 geology of, iv. 540
 health in, iv. 541
 history of, iv. 539
 Pharmacopœia in, vi. 584
 requirements for medical prac-
 tice in, iv. 48
Hayem and Nacet's blood-count-
 ing apparatus, ii. 41
Hayem's solution, ii. 40
Hay fever, iv. 541; vi. 134
 annual recurrence of, iv. 542
 association, i. 751
 course of, iv. 542
 climate suitable for, iv. 565
 etiology, iv. 543
 health resorts for, iv. 565
 idiosyncrasy in, iv. 841
 peculiarities of, iv. 542
 treatment, iv. 544; vi. 135
Haygarth's nodosities, vi. 970
Hayti, Pharmacopœia in, vi. 584
Haywood White Sulphur Spring,
 iv. 546
Head, anomalies of muscles of, vi.
 42
 bandage for, i. 728
 bones of, conduction of sound
 through, i. 618
 burse of, ii. 522
 concussion of, effect on hearing,
 iii. 603
 deep wounds of, iv. 555
 extraction of the, vi. 314
 gunshot wounds of, iv. 451, 554
 in chronic hydrocephalus, iv. 778
 in cretinism, iv. 393
 injuries of, ii. 420, 421
 as a cause of blindness, ii. 11
 irritative lesions following,
 iv. 562
 in medico-legal autopsy, i. 659
 lymphatic glands of, v. 630
 vessels of, v. 627
 superficial wounds of, iv. 554
 veins of, anomalies of, viii. 202
 wounds of, iv. 554
 during birth, iv. 532
 irritative lesions following,
 iv. 562
Headache, iv. 546; vii. 119
 anæmic, iv. 549

Headache, circulatory, iv. 549
 classification of, iv. 547
 congestive, iv. 547
 diagnosis of, iv. 553
 electro-therapeutics in, iii. 762
 following anaesthesia, iii. 24
 from alcohol, iv. 548
 from coffee, iv. 548
 from drugs, iv. 548
 from hunger, iv. 549
 from indigestion, iv. 547
 from infectious germs and their
 toxins, iv. 548
 from lead, iv. 548
 from products of defective me-
 tabolism, iv. 547
 from retained excrementitious
 substances, iv. 547
 from tobacco, iv. 548
 functional, iv. 547
 hyperæmic, iv. 549
 hysterical, iv. 548
 in acromegaly, iv. 553
 in caries of the cervical verte-
 brae, iv. 553
 in cerebral abscess, iv. 552
 in cerebral anaemia, iv. 550
 in constipation, iv. 547
 in dental disorders, iv. 549
 in diabetes, iv. 548
 in diseases of the cranial bones,
 iv. 553
 in diseases of the frontal sinus
 iv. 553
 in ear disease, v. 549
 in encephalitis, iv. 552
 in epilepsy, iv. 549
 in gout, iv. 548
 in Graves' disease, iv. 548
 in leptomenigitis, iv. 552
 in mastoid disease, iv. 552
 in meningitis, iv. 552
 in neurasthenia, iv. 548
 in ocular troubles, iv. 549
 in pachymeningitis, iv. 552
 in puerperal eclampsia, iv. 547
 in sexual disorders, iv. 549
 in sinus thrombosis, iv. 552
 in spinal-cord diseases, iv. 553
 in syphilis, iv. 552
 in tumors of the brain, ii. 435;
 iv. 551
 in uterine disease, iv. 549
 in vascular diseases, iv. 552
 inveterate, surgical treatment of,
 ii. 425
 migraine, iv. 550
 nasopharyngeal, iv. 549
 neuropathic, iv. 548
 ophthalmoscope in diagnosis of,
 iv. 553
 organic, iv. 551
 paroxysmal, iv. 550
 reflex, iv. 549
 rheumatic, iv. 547
 sick, iv. 550
 toxæmic, iv. 547
 treatment of, iv. 553
 uræmic, iv. 547
Head-covering, military, v. 794
Head louse, v. 157
Head rest for removal of brain, ii.
 885
Healing, processes of, v. 10
Healing Springs, Ala., iv. 562
Healing Springs, Va., vi. 746
Health of troops, i. 495
 as affected by age, i. 501

Health of troops as affected by
 branch of service, i. 500
 by length of service, i. 500
 by race, i. 498
 by seasons, i. 498
 influence of military rank on, i.
 502
 in peace, i. 502
 in war, i. 507
Health resorts, iv. 562; and see
Climate
Health, State boards of, iv. 566
 cost of, iv. 566
 dates of organization of, iv. 566
 powers and duties of, iv. 566
Hearing, see *Audition*
 acuteness of, i. 625
 as an aid in the judgment of di-
 rection, i. 624
 by bone conduction, i. 618
 centripetal conduction path or,
 ii. 363
 compared with sight, i. 624
 cortical centre of, ii. 307
 defective, artificial aids to, iii.
 630
 definition of, i. 611
 disturbances of, in insanity, v.
 51
 in lesions of the corpora
 quadrigemina, ii. 369
 in tumors of the brain, ii. 445
 junction of the auditory nerve
 in, i. 621
 of the auricle in, i. 615; iii.
 373
 of the cochlea in, i. 621
 of the Eustachian tube in, i.
 619
 of the external auditory
 meatus in, i. 615
 of the external ear in, i. 615
 of the labyrinth in, i. 619,
 622
 of the labyrinthine fluid in,
 i. 622; iii. 373
 of the membrana tectoria in,
 i. 623
 of the membrana tympani
 in, i. 616
 of the ossicula in, i. 616; iii.
 373
 of the rods of Corti in, i. 623
 of the semicircular canals in,
 i. 620, 624
 of the stapedius muscle in,
 i. 619
 of the tensor tympani mus-
 cle in, i. 619
 of the tympanum in, i. 616
 impaired, tests for, iii. 374
 judgment of direction and dis-
 tance of, i. 624
 loss of, see *Deafness*
 mechanism of, i. 611
 organ of, i. 615
 philosophy of, iii. 373
 physiology of, i. 615
 tests for, iii. 216, 660; vi. 852
 through the bones of the head, i.
 618
Heart, iv. 567
 abscess of, iv. 593
 actinomycosis of, iv. 579
 allorhythmia, iv. 599
 anæmic infarction of, iv. 579
 anatomy of, iv. 567
 and athletics, iv. 612

Heart and great vessels, transposi-
 tion of, vii. 707
 aneurism of the, iv. 580
 of valves, iv. 582
 angina pectoris, iv. 600
 animal parasites of, iv. 582
 anomalies of veins of, viii. 201
 apex, iv. 572
 apex-beat of, iii. 106
 arrhythmia, iv. 598
 athletic, iv. 591
 auscultation of the, ii. 821
 automaticity of beat, iii. 110
 base of, iv. 572
 beat, iii. 104
 blood-vessels of, iv. 573
 bradycardia, iv. 597
 carcinoma of, iv. 594
 changes in form of, vii. 706
 in position of, vii. 707
 compression, in chloroform syn-
 cope, ii. 23
 concentric hypertrophy of, iv.
 591
 condition of, in diphtheria, iii.
 483
 congenital malformation of, vii.
 706
 cysticercus cellulose of, iv. 583
 cysts, iii. 350; iv. 594
 depressants of, ii. 687
 development of, iv. 573
 diagnosis of aneurism of, iv. 582
 of aortic regurgitation, iv.
 604
 of aortic stenosis, iv. 605
 of dilatation of, ii. 823; iv.
 613; vi. 562
 of displacements of, iv. 584
 of endocarditis, iv. 586
 of fatty degeneration of, iv.
 589
 of fatty infiltration of, iv. 590
 of fibroid disease of, iv. 590
 of hydatids of, iv. 583
 of hypertrophy of, iv. 592
 of inflammation of, iv. 593
 of irritable, iv. 598
 of mitral insufficiency, iv.
 606
 of mitral stenosis, iv. 608
 of pulmonary regurgitation,
 iv. 608
 of pulmonary stenosis, iv.
 608
 of rupture of, iv. 611
 of strain of, iv. 612
 of thrombosis of, iv. 615
 of tricuspid insufficiency, iv.
 608
 of tricuspid stenosis, iv. 608
 of valvular lesions of, iv.
 604, 609
 of wounds of, iv. 616
 dilatation of, ii. 822; iv. 591, 612
 disease of, and chorea, associa-
 tion of, iii. 43
 as a cause of insanity, v. 33
 balneology in, vi. 153
 bearing of, upon question
 of administering a general
 anæsthetic, iii. 10
 blindness from, ii. 13
 climates suitable for the
 treatment of, iv. 565
 health resorts for, iv. 565
 displacements of, iv. 583; vii.
 707

Heart.
Hepatitis.

Heart, dulness of, ii. 820
dyspeptic, iv. 597
echinococcus of, iv. 582
effects of alcohol upon, ii. 693
of caffeine upon, ii. 702
of chloroform upon, iii. 8
of curare upon, v. 23
of digitalis upon, ii. 697; iii. 477
of squills upon, ii. 703
of strophanthus upon, ii. 701
of training upon, iv. 612
endocarditis, iv. 585
examination of, during pregnancy, v. 381
for life insurance, v. 511
extract of, vi. 417
eccentric hypertrophy of, iv. 591
failure in diphtheria, iii. 486
fatty degeneration of, iv. 588
infiltration of, iv. 589
fibroid disease of the, iv. 590
fibroma of, iv. 594
foetal, auscultation of, v. 381
fragmentation of, iv. 593
hydatids of, iv. 582
hypertrophy of, ii. 822; iv. 591
inflammation of, myocarditis, iv. 593
in Graves' disease, iv. 599
inhibitory mechanism of, v. 20
irritable, iv. 598
in soldiers, ii. 621
inspection of beat, ii. 819
lymphatics of, iv. 573; v. 643
malformations of, vii. 706
malpositions of, vii. 707
mechanism of, iii. 104
muscle, affections of, pulse in, vi. 805
myocarditis, iv. 593
myxoma of, iv. 594
nerve supply of, iii. 110; iv. 594
neuroses of, iv. 594
outlines of, on chest wall, iv. 567
palpation of, ii. 820
palpitation of, iv. 595
parasites of, vi. 501
parenchymatous degeneration of, iv. 593
pentastoma denticulatum in, iv. 583
percussion of, ii. 820
physical examination of, ii. 819
rate of beat, iii. 109
relations of, iv. 571
rhabdomyoma of, iv. 594
rhythm of, ii. 821
rupture of, iv. 610
a cause of death, i. 670
sarcoma of, iv. 594
segmentation, iv. 593
significance of palpitation of, iv. 595
simple hypertrophy of, iv. 591
soldiers', iv. 612
sounds, ii. 821; iii. 106
spontaneous rupture of, iv. 610
strain, iv. 612
structure of, iv. 572
surfaces of, iv. 571
symptoms of dilatation of, iv. 593
of displacements of, iv. 584
of endocarditis, iv. 586
of fatty degeneration of, iv. 589

GENERAL INDEX.

Heart, symptoms of fatty infiltration of, iv. 590
of fibroid disease of, iv. 590
of hydatids of, iv. 582
of hypertrophy of, iv. 593
of rupture of, iv. 611
of thrombosis of, iv. 614
of valvular disease, iv. 604
of wounds of, iv. 616
syphilitic disease of the, iv. 601
tachycardia, iv. 596
thrombosis of (heart clot), iv. 614
topographical anatomy of, ii. 819
transposition of, vii. 707
treatment of abscess of, iii. 572
of aneurism of, iv. 582
of dilatation of, iv. 613
of displacements of, iv. 585
of endocarditis, iv. 587
of fatty degeneration of, iv. 589
of fatty infiltration of, iv. 590
of fibroid disease of, iv. 591
of hydatids of, iv. 582
of hypertrophy of, iv. 593, 609
of irritable, iv. 598
of rupture of, iv. 611
of strain of, iv. 614
of valvular diseases, iv. 609
of wounds of, iv. 616
trichina spiralis in, iv. 583
tuberculosis of, iv. 602
tumors of, iv. 593
valvular disease of, iv. 602
combined, iv. 609
dyspnea in, iv. 610
etiology, iv. 602
prognosis of, iv. 609
treatment of, iv. 609
weak, iv. 597
work of the, iii. 109
wounds of, iv. 615; vii. 753
a cause of death, i. 670

Heart-burn, vii. 494

Heat, absorption of, by air, i. 148
action of, on cow's milk, v. 821
animal, ii. 558, and see *Calorimetry and Temperature*
as a cardiac stimulant, iv. 624
as a counter-irritant, iv. 624
as a diaphoretic, iii. 433; iv. 623
as a disinfectant, iii. 496
as a haemostatic, iv. 478, 624, 636
as an aid in the judgment of direction, iii. 493
as a preservative of milk, v. 839
as a sedative, iv. 624
as a therapeutic agent in ear diseases, iii. 650
centres in the brain, ii. 567
coagulation by, iii. 150
effects of, i. 149
on red blood corpuscles, ii. 625
exhaustion from, iv. 619
factors influencing the effect of, iv. 622
germicidal action of, iv. 333, 624
methods of applying, iv. 623
necessary for vital activity of cells, ii. 762
production of and dissipation of, ii. 569
centres for, ii. 567
regulation of, ii. 568

Heat, production of, relation to size of body, ii. 569; v. 767
prostration from, iv. 619
radiant, effect of, iv. 623
regulation of, and body temperature, ii. 568
physiology of, iv. 149
sensation of, vii. 219
therapeutics of, iv. 622

Heat-stroke, iv. 617
cause of death in, iv. 619
causes, iv. 617
cold in, iii. 195
complications, iv. 621
definition, iv. 617
diagnosis, iv. 621
pathological anatomy, iv. 617
pathology, iv. 617
prognosis, iv. 621
symptoms, iv. 619
synonyms, iv. 617
treatment, iv. 621

Heat values of foods, vi. 175

Heating of dwellings, iv. 758
of school-buildings, 70
sanitary inspection of apparatus for, iv. 769

Hebephrenia, v. 101, 102; and see *Dementia praecox*

Heberden's nodosities, i. 547; iv. 514; vi. 970

Hebra's contrivance for administering a continuous bath, vi. 549
prurigo, vi. 771
water-bed, vi. 549

Hectometre, viii. 299

Hedeoma, vi. 550
pulegioides, vi. 550

Hedera, v. 238
helix, v. 238
poetica, v. 238

Hederin, v. 238

Hedge hyssop, vii. 78

Hedin's hæmatocrit, ii. 47

Hedonal, iv. 624
as a hypnotic, iv. 818

Heel, painful, iv. 216

Hegar's amputation of the cervix uteri, viii. 67

Hegar's operation for lacerated perineum, vi. 312

Hegar's sign, iv. 342

Hehner's test for formaldehyde in milk, v. 841

Height and weight, relative, in childhood, ii. 832

Height of body calculated from isolated parts, ii. 540

Heilbronn Mineral Springs, iv. 624

Heintz method of estimating quantity of uric acid in urine, viii. 35

Heitzmann's theory, i. 760

Helenin, iii. 742

Helicis major muscle, i. 638
minor muscle, i. 638

Heliotropin, vi. 638

Helix, i. 636
variations in form of, i. 640

Helix aspera, viii. 567
hortensis, viii. 567
pomatia, viii. 567

Helixigenin, v. 238

Helixin, v. 238

Hellebore, American, iv. 625
black, ii. 703; iv. 626
false, i. 127
green, iv. 625, 626

GENERAL INDEX.

Hellebore, poisoning by, iv. 626
white, poisoning by, iv. 626

Helleborein, iv. 626
action on the heart, ii. 703

Helleborin, iv. 626

Heller's test for blood pigment in the urine, viii. 32

Hellhoffite, an explosive, vii. 911

Helmet, military, v. 794

Helmholtz's ophthalmometer, vi. 364
ophthalmoscope, vi. 381
resonator, i. 614

Helminthocorton, vi. 1

Heloderma, vi. 717
bite of, poisonous, vi. 717
horridum, vi. 717
suspectum, vi. 717

Helvellales, iv. 281

Hemeralopia, ii. 13; iv. 627
and nyctalopia, iv. 627
idiopathic, iv. 627
objective signs of, iv. 627
treatment, iv. 628

Hemiacardius, vii. 679

Hemianæsthesia, causes of, i. 286
hysterical, i. 283; iv. 834

Hemianopsia, ii. 313; iv. 628
bilateral, iv. 630
homonymous, iv. 630
nasal, iv. 630
temporal, iv. 630
heteronymous, iv. 628
homonymous, iv. 628
nasal, iv. 628
symptom of brain diseases, iv. 631
temporal, iv. 628
unilateral, iv. 630

Hemiathetosis, i. 600

Hemiatrophy of the face, viii. 448
progressive, viii. 448
of the tongue, vii. 793

Hemicrania, vii. 697

Hemicranin, iv. 631

Hemidesmus, iv. 631
indicus, i. 565; iv. 631
radix, iv. 631

Hemihypertrophy, facial, viii. 450

Hemileuca maia, v. 167

Hemiopia, iv. 628

Hemiplegia, iv. 631
causes, iv. 631
hand in, iv. 532
hysterical, iv. 633
infantile, iv. 532, 633
manifestations, iv. 631
organic, iv. 631
permanent, iv. 632
seat of lesion, iv. 632
spinal, vii. 372

Hemiptera, v. 155

Hemisystole, vi. 801

Hemlock, iii. 238
pitch, vi. 639
poison, iii. 238; vi. 702
poisoning by, viii. 477

Hemorrhage, iv. 633
acupressure in, i. 104
after amputation, i. 245
after tooth-extraction, vii. 663
after uvulotomy, viii. 109
arrest of, iv. 475, 634
by acupressure, i. 104
by cold, iv. 636
by compression, i. 536
by heat, iv. 636
by hæmostatics, iv. 478

Hemorrhage, arrest of, by iron salts, v. 229
by ligature, iv. 634; see also under *Arteries*
by pressure, iv. 635
by styptics, iv. 478
by suprarenal preparations, vi. 412
by suture, iv. 635
by the cautery, iv. 636
by torsion, iv. 635

arterial, iv. 633
as a cause of death, i. 666
blindness following, ii. 12
capillary, iv. 633
cautery in, iv. 636
cerebral, ii. 241
and brain tumor, diagnosis of, ii. 449
diagnosis, ii. 244
etiology, ii. 241
insanity following, v. 94
in whooping-cough, viii. 308
pathological anatomy, ii. 241
prognosis, ii. 245
surgical treatment of, ii. 423
symptomatology, ii. 242
treatment, ii. 245

cold in, iv. 636
complicating whooping-cough, viii. 308
compression in the arrest of, i. 536
consequences of, iv. 634
constitutional treatment of, iv. 634
effects of, upon the blood, ii. 278; iv. 634
following amputation, i. 239, 245
shot injuries, iv. 447
shot injuries, primary, iv. 440
shot injuries, treatment, viii. 24
tonsillotomy, vii. 819
from bone, iv. 636
the nose, vi. 127, 295; and see *Epistaxis*
general treatment of, iv. 475, 634
hæmostatics in, iv. 479
heat in, iv. 636
in brain surgery, ii. 408
in fracture of the skull, iv. 559
in hæmophilia, iv. 473
in idiopathic anæmia, i. 273, 276
in jaundice, v. 246
in myelogenous leukaemia, v. 499
interstitial, iv. 473
in the etiology of epilepsy, iii. 849
in the orbit, vi. 400
in the spinal cord, vii. 349
into the adrenals, vii. 566
into the labyrinth, iii. 601
into the pericardial sac, iv. 472
into the pituitary gland, vi. 640
into the thoracic duct, vii. 745
into the vitreous, viii. 267
in tracheotomy, vii. 840
intramuscular, vi. 26
iron in the arrest of, v. 229
leucocytosis after, v. 492
ligature in, iv. 634; see also under *Arteries*
local arrest of, iv. 635
meningeal, vii. 352
ocular, iv. 98
oesophageal, vi. 339

Heart.
Hepatitis.

Hemorrhage of the adrenals in the new-born, vi. 280
of the chorion, iii. 53
of the choroid, iii. 69
of the new-born, vi. 280
of the omentum, vi. 358
pancreatic, vi. 464
pathology of, iii. 123
placental, iii. 53, 388; vi. 650
post-partum, iv. 786
prevention of, in amputation, i. 238
primary, in gunshot wounds, iv. 440
prophylactic treatment, iv. 634
renal, v. 361
retinal, vi. 955
secondary, iv. 633
spinal meningeal, vii. 352
styptics in, iv. 478
subconjunctival, iii. 250
suprarenal preparations in, iv. 412
symptoms of, iv. 634
torsion in, iv. 635
transfusion after, iv. 636
umbilical, iv. 280
under the nails, vi. 93
uterine, iv. 786; see also *Menorrhagia* and *Metroorrhagia*
tampon for, viii. 177
venous, iv. 633
Wyeth's method of compression in hip-joint amputations, i. 536

Hemorrhagic diathesis, iv. 473; and see *Hæmophilia*

Hemorrhagic infarct, iii. 122; iv. 868

Hemorrhoidal plexus, vii. 579

Hemorrhoids, i. 391
after-treatment, i. 392
cautery in the treatment of, i. 392
cold in, iii. 194
external, i. 391
injection in the treatment of, i. 392
in pregnancy, iv. 346
internal, i. 391
ligature in the treatment of, i. 392
oesophageal, vi. 338; viii. 216
operation by clamp and cautery, i. 392
treatment of, i. 391

Hemp, Indian, ii. 647

Henbane, iv. 637; and see *Hyoscyamus*
poisonous, i. 610; vi. 710

Hen flea, v. 155

Henle's fenestrated membrane, ii. 91
layer, viii. 566
loop, v. 310

Henna, iv. 638

Henotannic acid, iv. 638

Henocque's hæmatoscope, ii. 53

Henpuye, iv. 638

Hepatic colic, differentiated from intestinal colic, iii. 197

Hepatic diseases, effect of, upon metabolism, v. 771

Hepatic extract, vi. 416

Hepatic veins, anomalies of, viii. 207

Hepaticodiaphragmatic muscle, vi. 61

Hepatitis, v. 531; and see *Liver, abscess of*