simple principle: holes are filled, cinders are lifted away, broken bones are splintered, congestions are resolved, spasms relaxed, poisons antidoted, errors in refraction antagonized. Complexity resolves itself into simplicity through understanding; to see into a pot requires never anything but the lifting of

INDEX.

A. Abbot's pluggers, 329. Ablation of jaws, 816. of tongue, 581. Nunneley's operation for, 582. Paget's operation for, 582. Regnoli's operation for, 582. Syme's operation for, 581. Abortion of alveolar abscess, 226. Abrasion of teeth, 267. Abscess, 225. abortion of, 226. alveolar, 226. associated with temporary teeth, 234. · with wisdom-teeth, 231. caused by imprisoned teeth, 234. complicated by opening into Steno's duct, 231. dental, 225. of antrum, 129, 750. of liver indicated by tongue, 550. of tongue, 567.
of tonsil gland, 544.
relation of with imprisoned teeth, 234.
treatment of, 232. Absolute ether, 956. Absorbable parasiticides, 165. to scirrhoma, 949.

Absorption and recession of gum and alveo- Agents in contact with the teeth, 160. Absorbable parasiticides, 165. lus, 217. treatment of, 217. of alveoli, 218. of alveolar plate in dental abscess, 217. of dead pulp into dental tubules, 228. of gums, 219. Abutments at neck of teeth, 285. Abutting teeth, 286. Accessory parotid gland, 191. Accidental injuries to face, 512. substances found in saliva, 196. Accidents in root-filling, 243. in tooth-extraction, 407. Accumulation and degeneration of antral Alimentary canal during dentition, 101. secretions, 644. Acetic acid in ether, 956. Acid in treatment of osseous caries, 770. of salivary calculus, 265. of typhoid fever, 161.
nitrate of mercury in treatment of ulcers. 783. oral secretions, 165. Acne rosacea, 695. Aconite as a local anæsthetic, 412. in toothache, 200.

Action of ether on nerve-centres, 960. of nitrous oxide, 977. Active inflammation, 992. Actual cautery in dental hemorrhage, 411. in sensitive dentine, 200. Acupressure in hemorrhage, 573. Acupuncture in trismus, 843. Acute aphtha, 509. glossitis, 563. periodontitis, 219. synovitis, 831. Adamantina dentium, 927. Adaptation in dentures, 426. Adenoid tumors, 955. Adenoma, 890. Adhesion of the gums, 488. Adhesive gold, 326. Administration of ether, 596. Advent of wisdom-teeth, 781. Adventitious tongue-tie, 584. Adynamic stomatitis in infants, 500. Æsthetic aspect of amalgam, 311. dentistry, 426. Age and dental irregularities, 366. in dentition, 100. in relation to orthodontia, 366. relation of, to use of chloroform, 968. excitative of dental caries, 135. of calcification, 188. Agger nasi, 633. Agnew on hare-lip, 714. on salivary fistula, 761. Air and diet in dentition, 119. tubes, view of, 545. Albumen, albuminoids, and teeth, 193. in saliva, 196. Albuminoid degeneration and cadmium, 306. Alcohol in febrile conditions, 108. and sulphuric ether, 958. sponging in inflammation, 989. Alkalinity and dental caries, 161. Allport's operation on dental pulp, 247. Alteratives in tetanus, 837. Alum and the teeth, 193. in dental hemorrhage, 410. Alveolar abscess, 225. abortion of, 226. anomalies of, 227. arising out of imprisoned teeth, 234. chronic conditions of, 232.

discharging into nostril, 230.

INDEX.

Alveolar abscess, gout an associate of, 233. | Amygdalitis, medicated gargles in treatment illustrative cases of, 227. meaning of, 225. objections to use of warm fomentations in. 229. opening into Steno's duct, 231. prophylaxis of, 226. rheumatic diathesis a predisposing cause, 232. Alveolar process, 28, 87. and extraction of teeth, 407. development of, 93. fractures of, 407, 802. necrosis of, 779. Alveoli of teeth, 28, 86. Alveolo-dental periosteum, 28, 225. odonteal membrane, 97. Arrington's, 303. cadmium in, 306. Caulk's, 304. cause of failure as a tooth-filling ma- Analyses of amalgam, 304. terial, 307. Chase's, 305. chemistry of, 312. chloride of zinc as a cleanser of, 306. composition of, 303. contour, 304. copper in, 305. cupped carriers for handling, 309. different preparations of material, 303. discoloration of teeth caused by use of, 310. facing, 304. file flats for handling, 809. front tooth, 304. gold as an element of, 305. Holmes', 303. illustration in working, 309. indications for use of, 310. instruments used for, 308. Johnson & Lund's, 304. Lawrence's, 303. Oliver's, 303. platinum as an ingredient of, 306. pluggers, Arrington's, 309. standard alloy, 304. submarine, 304. Sullivan's, 304. therapeusis of, 310. Townsend's, 303. usual, 304. Weston's, 304. American leeches, 986. in angina, 107. Ammonia in angina, 108. Amputation of tongue by the écraseur, 579. by strangulation, 579. of tonsil glands, 541. instruments used for, 541. Billing's tonsillotome, 542. Kolbe's tonsillotome, 542. of uvula, 588. Amygdalitis, 534. acidulated ice in treatment of, 536. dry cupping in treatment of, 536. herpes in association with, 637. hot foot-bath in treatment of, 536. leeches in treatment of, 536.

1004

of, 534. phenomenal expressions of, 534. pus forming in gland, 537. spirits of Mindererus in treatment of, 536. veratrum viride in treatment of, 536. Anæmia and dental caries, 135. and hemorrhage, 409. as a cause of dental hemorrhage, 408. Anæsthesia and sensitive dentine, 202. by chloroform, 962. by ether, 956. by ethyl bromide, 977. by nitrous oxide gas, 973. by rapid respiration, 978. by rhigolene, 414. by subcutaneous medication, 978. general, 956. in jaw luxation, 801. local, 411. Analogy of teeth in parent and child, 135. Analysis of blood, 148. of cementum, 92. of dentine, 92. of enamel, 92. of Indian corn, 156. of milk, 150. of potatoes, 153. of saliva, 190, 258. of salivary calculus, 258. of the oral fluids, 190. of tooth-substance, 92. Anatomy in nerve operations, 872. of bend of arm, 987. of facial region, 25. of internal nose, 631. of soft palate, 618. of the teeth, 83. Anchorage slots, 339. Anchor-clamp bands, 381. Anchylosis of the jaw, 830. complication, 831. definition, 831. inflammation a cause of, 830. lockjaw in new-born children, 838. rheumatoid, 833. tetanus, 834. trismus, 833. dentium, 841. nascentium, 838. Aneurism by anastomosis, 895. Angeioma, 680. Angina, 107. aphthosa, 107. simplex, 107, 603. tonsillaris, 534. Angle of lower jaw at varying ages, 375. Angular artery, 54 Anidrosis, 577. Annealing gold foil, 326. silver and gold plate, 446. Anodynes in shock, 516. Anomalies in alveolar abscess, 234. in second dentition, 124. in situation of salivary calculi, 259. Anomalous case of antral disease, 759. of salivary calculus, 259. of jaw fracture, 805. of necrosis, 780.

tonsillar abscess, 544. Anstie on neuralgia, 856. Anterior nares, 631. palatine canal, 27. pillars of oro-pharyngeal space, 50. rhinoscopy, 654. Antero-posterior section of cranium, 49. Antiphlogistic prescription, 536, 987. remedies, 987. Antiseptic injections in mercurial necrosis, Antral outlet, 40. ulcers, 647. Antrum of Highmore, 30, 747. abscess of, 129, 750. cystiform, 748. diseases of, 747 distension and softening of walls, 749. dropsy of, 751. puruloid secretion of, 753. relation of anomalous dentition with, 748. of furuncular epidemics with, 757. of scorbutus with, 758. of syphilis with, 758. tooth-hills in, 30. Aperient mineral water, 493. Apex plugs in tooth-bleaching, 248. Aphthæ, the, 595. Bamberger's views of, 499. Delpech's views of, 499. Dewees's views of, 500. Good's views of, 502. Jourdain's views of, 504. Trousseau's views of, 499. Wood's views of, 507. Aponeurosis of pharynx, 602. regularities, 368. (Farrar's) in orthodontia, 379. in preparing nitrous oxide gas, 974. Appearance of dead teeth, 228. Application of dental napkin, 293. of rubber dam, 279. Appreciable tumors, 884. Approximal dental cavities, 285. and the rubber dam, 301. tooth plugs, 346. Approximation of wounds, 517. Arbuthnot on infant mortality, 100. Arkansas stone, 344. Aromatic sulphuric acid in mercurial diseases, in treatment of osseous caries, 770. Arrangement of artificial teeth, 426. of gold for filling teeth, 319. of teeth in dental arches, 424. Arrestation of hemorrhage, 741. Arrested dentition in rickets, 143. Arrows of Maisonneuve, 560. Arsenic as a pulp devitalizer, 208. relation of, with necrosis, 779. Arsenical paste, 208. in sensitive dentine, 199. Art treatment of dental caries, 268. Arterial hemorrhage, 513. hemorrhage after tooth extraction, 408. nævi of tongue, 574. sedatives and periodontitis, 222.

Anomalous teeth in relation with extraction, | Arterial tumors, 680, 895. Arteries of face, 53. of neck, 53. of tongue, 63. Artery, lingual, 61. ' Arthritis, 830. complicated, 831. from constitutional disease, 836. from local cause, 830. rheumatic, 833. Articulation, 427. of complete denture, 424. of full half denture, 423. of head bones, 26. of inferior maxilla, 66. of nasal bone, 47. of palate bone, 39, of partial denture, 423. of pivot operations, 350. of superior maxilla, 34. of teeth, 99. of turbinated bone, 40. of vomer bone, 39. proper bite, 425. test bite, 425. Artificial dentures, 415. as a cause of ulitis, 475. pivot crowns, Bing's, 351. Bonwill's, 359. Gates's, 360. Talbot's, 351. support of lip and check, 428, 738. tooth crowns, 350. vela, 463. Artistic dentistry, 526. Association of teeth with alveoli, 86. Apparatus used in correction of dental ir- Associative lesions of first dentition, 100. of second dentition, 124. Asthenia and purulency, 755. Astigmatism, 1001. Astringents in dental hemorrhage, 410. Asymmetrical condition of tongue, 572. Atkinson's burnishers, 328. pluggers, 267. Atlee's elastic suture, 714. Atmospheric changes a cause of pulpitis, of gelatinoid polypi, 640. of tetanus, 840. pressure in dentures, 421. relations with chloroform, 964. with ether, 961. Atomizers, 412. foot instrument, 413. hand instrument, 412. Atonic dyspepsia and tongue, 550. Atresia oris, 725. Dieffenbach's operation for, 726. Mütter's operation for, 729. Atrophic change in teeth, 145. Atrophy of tongue, 573. Atropia in neuralgia, 864. in odontalgia, 205. Auriculo-temporal nerve, 57. Author's inhaling instrument, 957. jaw bandage, 808. operation for radical treatment of epithelial cancer, 705.

base of skull, 874, 878. for salivary fistula, 761. Automatic pluggers, 340. Buckingham's, 341. electro-magnetic, 340. hand instrument, 340. В. Baby's sore mouth, 495. Bacilli, 165. Bacteria, 165. Bad breath, 163. ether, 960. taste in mouth and amalgam, 311. Baker's velum, 469. Bald tongue, 552. Bamberger's views on the nature of the aphtha, 499. Bandages, 806. Barton's, 806. Garretson's, 808. Gibson's, 807. Bands and loops in orthodontia, 380. used in support of artificial teeth, 421. Barber's itch, 691. Barks, bitter, in angina, 110. Barnum's rubber dam, 297. Bars for removing teeth, 372. Bartholin's duet, 66. Barton in exsection of the jaw, 825. Barton's jaw-bandage, 806. Basal nutritive agent, 139. Base's operation in hare-lip, 713. Base of skull, 49. of tongue, 64. Batley's solution in cancer, 704. Bayberry powder in hemorrhage, 103. Bean's interdental splint, 808. Bearing of impression material, 418. Beer or wine in rickets, 144. Beer's rubber disk, 422. Beeswax as an impression material, 417. Bell's case of hygroma, 599. Belladonna in angina, 109. in dentition, 102. in epithelial cancer, 710. in infantile spasms, 116. in tetanus, 257, 837. in tonsillitis, 535. Belloc's canula, 419. Benion tumors, 885. Bicarbonate of soda in burns, 531. Bicuspid approximal cavities, 335. forceps, 388. Bicuspidati teeth, 89. filling of, 288. Bilateral luxation of jaw, 797. Billing's tonsillotome, 542. Billroth on phosphor-necrosis, 794. on tetanus, 835. Billroth's operation on tongue, 583. Bing's gold crown, 351. Bite in denture-making, 423. of rabid animals, 512.

Bitter barks in angina, 110.

Black tartar, 264.

teeth, 248.

Author's operation for resecting nerves at | Black tongue, 549. vulcanite, 435. Blank's celluloid rim, 440. Blasius's lip operation, 732. Bleaching teeth, 248. Blindness in antral disease, 27, 753. Blisters in periodontitis, 223. Blood, composition of, 148. and tooth health, 147. and typhoid condition, 161. in typh fever, 162. vessels, diseases of, 680. angeioma, 680. arterial tumors, 680. capillary nævi maculæ, 683. erectile growths, 680. macula, 680. nævus vasculosus, 680. port-wine stain, 683. venous tumors, 681. of the pharynx, 603. Blotting-paper in mask-making, 471. Blue line in saturnine affections, 490. teeth, 181. Blunt files, 276. Boiler of vulcanite apparatus, 434. Boiling-point of ether, 956. Boils, 983. Bolles on exciting causes of dental tumors, Bond's œsophagus forceps, 608. Bone scissors, 822. Bones of head, 26. ethmoid, 41. hyoid, 48. inferior maxillary, 35. lachrymal, 48. malar, 47. nasal, 29, 46. palate, 36. sphenoid, 43. superior maxillary, 30. turbinated, 40. vomer, 39. Bonwill's dental engine, 272. diamond reamer, 186. mallet, 341. method of rapid breathing, 978. pivot tooth, 359. surgical engine, 828. Bony septi in cystoma, 915. Booth's claw-forceps, 396. velum, 468. Bottle corks in anchylosis, 850. Bougies in imperforate nostrils, 656. Brain-like character of encephaloma, 950. Branches of internal maxillary artery, Breaking up sac of alveolar abscess, 227. Breaks in hard palate, 442, 784. in soft palate, 784. Bridges of bone in anchylosis, 853. Bridgman's experiments, 167. on electro-chemical cause of dental caries, on filling materials, 167. Bristle probangs, 609. Brittleness in gutta-percha, 313. Broach, pricking with, for destruction of

dental pulp, 209.

Broach, use of, in dentistry, 244. Broaching dental pulp, 206. Brodie on disease of tongue, 563. Broken jaw-bones, 802. Bromide of potassium in angina, 119. in dentition, 102. in febrile conditions, 112. in infantile spasms, 117. in neuralgia, 865. in periodontitis, 222. in retching, 416. Bronchial tubes, view of, 545. Broom splint in duct of Steno, 763. Brown-Sequard's neuralgic pill, 869. Brown tongue, 549. Brown's three-edged chisel, 274. Brutes' teeth in human sockets, 255. Buccal nerve, 57. Buckingham's mallet, 341. obturators, 451.
Buckman's rubber dam clamps, 299. Building gold tooth crowns, 336. Bulb support for obturator, 447. Bullæ, 122. Bur and wheel files, 343. Burnishers, 328, 343. Burnishing in sensitive dentine, 203. Burns, 530, 739. treatment of scars from, 531. Burrowing of pus in phosphor-necrosis, 791. Canine forceps, 389. Burs, diagram of, 201. Buttner and pivot teeth, 362. Butyric acid and teeth, 193.

C.

Cachectic mucous membrane, 415. state and rickets, 140. Cachexia in dental caries, 144. Cacoplastic lymph, 139. Cadmium in amalgam, 189. Calabar in treatment of tetanus, 837. Calcareous tumor upon floor of mouth, 259. Calcification of dental pulp, 211. of tooth, 94. as a cause of chronic ulitis, 494. Calculi in salivary duets, 259. Calculus, salivary, 258. acids used in, 265. instruments used in removing, 265. Calendula as a mouth-wash, 494. Callositas, 667. treatment of, 667. Campbell's new mode heater, 436. Camphor and morphia in sensitive dentine, Canal, Fallopian (see Temporal Bone). infra-orbital, 32. interpalatine, 33. lachrymal, 48. naso-palatine, 33. pluggers, 243. pterygo-palatine, 33. vidian, 46. Cancer, 937. encephaloid, 950. illustration of, 951. epithelial, 697. juice, 949.

Cancer of cheek, 697. of eyelid, 705. of gums, 701. of lip, 700. of maxillary bones, 937. of nose, 633, 641. of throat, 550, 607. scirrhoma, 949. treatment of, 699, 937. Cancerous epithelioma, 697. ulceration of lip, 698. Blasius's operation, 732. Celsian operation, 732. Chopart's operation, 731. Dieffenbach's operation, 726. Dupuytren's operation, 731. Horn or Roonhuysen's operation, Leidillot's operation, 736. Liston's operation, 731. Morgan's operation, 731. Mütter's operation, 732. operative treatment, 702. Roux's operation, 731. Serre's operation, 733. ulcers of nose, 633. Cancrum oris, 499. and salivary fistula. Candle-wick and pumice-stone, 347. teeth, 89. Canker sore, 510. Canula in tracheotomy, 547. Cap crowns, 350. Cap for front teeth, 375. Capillary nævi maculæ, 683. erectile tumors, 895. hemorrhage, 513. Capping dental pulps, 245. with clarified quill, 246. with lead, tin, and asbestos, 247. with metal caps, 246. with oiled silk or vellum, 246. with oxychloride of zinc, 245. Caps in dental inflammation, 223. Capsicum and myrrh in affections of the gums, 479. in angina, 109. in hemorrhage, 410. Capsular ligament of lower jaw, 67. Capsule of encephaloid cancer, 950. Carbolic acid and teeth, 233. Carbonate of magnesia as a decolorizer, 249. in phosphor-poisoning, 788. of potash in sensitive dentine, 200. Carbonic acid and temperature, 197. in dental caries, 161, 197. Carbuncle, treatment of, 511. Carcinoma of jaw, 937. Carded cotton in burns, 531. Caries and necrosis of walls of nares, 644. Caries of antral walls, 644. of teeth, 135. cachexia in, 136. causes of, 136. complicated cavities, 185. constitutional relations, 135 .differs from caries in bone, 177. general manner of treating, 177.

Caries of teeth, inflammatory process of, 136. | Cementum, analysis of, 92. | on approximal faces of teeth in | Cerebral diseases and chloroform, 971. general, 184. on buccal face of molars, 283. on grinding face of molars, 282. on labial face of incisors, 285. on neck surface of incisors, 283. on posterior face of incisors, 283. principles of treatment, 183, 187. Caries of the maxilla, 764. common treatment of, 768. diagnosis of, 764. ostitis the cause of, 764. treatment by sulphuric acid, 770. by surgical engine, 769. Carious denture, 284. Carnochan's operation for exposure of second | Cheesy deposits and ptyaline, 194. branch, 876. of fifth nerve, 876. Carotid artery, 53, 744. external, 744. primitive, 745. ligation of, 745. in inferior triangle, 745. in superior triangle, 745. Carron oil and burns, 531. Cartilaginous jaw planes, 93. tumors, 937. of tongue, 574. Casserio's ganglion, 77. Cast of mouth, 416. Castile and other soaps as a cause of disease of the gums, 482. Catalan's inclined plane, 376. Catalogues, dental, 365. Catarrh, nasal, 633. Schneiderian membrane, 631. Catechu and kino in dental hemorrhage, 411. Chimney-sweep's cancer, 697. Cathartics in neuralgia, 866. Caudate cells, 939. Cauliflower epithelioma, 139. Causes of consumption, 139. of dental abscess, 219. of gum diseases, 475. of neuralgia, 856. of odontalgia, 198. of palatine deficiencies, 613. of salivary calculus, 258. of sensitive dentine, 198. of tooth discoloration, 250. Caustic potash in osseous caries, 770. Cauterization in dental hemorrhage, 411. in salivary fistulæ, 760. in sensibility of dentine, 199. Cavities among imperfect enamel, 283. at neck of incisors, 283. for filling, 282. approximal, 285. crown, 282. in teeth, 282. Cavities of decay opening into pulp-chamber, 245. on buccal face of molars, 283. on posterior face of incisors, 283. Cazenave's neuralgic pomade, 868. Celluloid and vulcanite, 431. gum on metal base, 441. Celsian lip operation, 731. Cement plombe, 318. Cementum, 85.

Cervico-facial nerve, 58. Chalk and dental caries, 164. Chalky teeth, 180. Chambers's mixture for epilepsy, 117. Chancre of nose, 656. Changes in rami of lower jaw, 375. in the tongue, 549. Character of agents in contact with teeth, of epithelioma, 697. Chase's case of secondary cyst of antrum, 935. new amalgam, 305. Chassaignac's écraseur, 579. Cheeks and lips, 726. Cheever's ablation of tonsil gland, 543. osteo-plastic exsection of lower jaw, 823. Cheioloplastic operations, 726. by Blasius, 732. by Celsus, 731. by Chopart, 731. by Dieffenbach, 732. by Dupuytren, 731. by Horn, 731. by Liston, 732. by Morgan, 731. by Mütter, 732. by Roonhuysen, 731. by Roux, P., 731. by Roux, T. W., 731. by Serres, 733. Chemical decomposition of bone, 771. treatment of dental hemorrhage, 411. Chemico-vital relation of dental caries, 135. Chemistry of amalgam, 312. Chip-blower, 280. Chisels in extraction of teeth, 393. in treatment of osseous caries, 769. used in dentistry, 273. Chloasma, 669. Chloral hydrate in tetanus, 838. Chlorate of potash as a tooth-bleacher, 249. in stomatitis, 106. Chloride of iron in dental hemorrhage, 409. of sodium and the teeth, 194. of zinc as a calcific agent, 177. as a cause of pulpitis, 198, 188-206, 244. as a cleanser of amalgam, 307. as a pain-obtunder, 199. in dental caries, 188. Chlorine gas as a decolorizer, 249. water in cancerous affections, 703. in decolorizing, 249. Chloroform, 962. action on heart, 963-970. age in relation with, 968. and laudanum as a local anæsthetic, 412. apparent death from, 973. appearance of, 963. as a specific in ether-sickness, 961. cerebral disease in relation with, 971. composition of, 963. dangerous character of, 963. degradation of, 963. dilution of by air, 966. disease of the heart in relation with, 970.

Chloroform, disease of the lungs in relation | Clinical illustrations in necrosis, 787. with, 970. hysteria in relation with, 969. in neuralgia, 867. induction of insensibility, 964. insanity in relation with, 972. minims required for anæsthesia, 964. position for administering, 964. preparatory stimulation, 965. relation of atmosphere with, 964. in burns, 531. of fear with, 965. smell of, 963 strength or debility in relation with, 968. Coffee in neuralgia, 856, subcutaneously used, 979. surgical operations in relation with, 964. Coffer dam, 397. taste of, 963. treatment of accidents with, 973.

use of in conjunction with brandy or Cohesive gold, 326.

Cohnheim and white blood-corpuscles, 998. ether, 965, 966. Coin plugs, 333. use of in spasms, 119. weight of, 963. Cholera infantum in dentition, 112. Cholesterine in saliva, 192. Chromidrosis, 677. Chronic angina, 108. inflammation, 992. periodontitis, 214. phagedæna of tongue, 558. pharyngitis, 603. Cicatrices, rules for treatment of, 739. Cicatricial tissue, 716. Cicatrix from burns, 739. in hare-lip, 716. Cider and the teeth, 193. Ciliary ganglion, 77. Ciliated epithelium, 64. Comedo, 674. Circumvallation in inflammation, 983, 995. Clamps used with rubber dam, 298. Buckingham's pattern, 299. Elliot's pattern, 299. Hickman's pattern, 299. Clasp teeth, 415. Classes of teeth, 180. in relation with the operation of extracdontia, 378. tion, 384. Classification of pulp-nodules, 215. of teeth, 87. fractures, 802. of tumors, 884. hare-lip, 718. Clean cutting in nerve-sections, 878. Cleaning tracheal tubes, 547. Cleanliness and the teeth, 174. Cleansing of mouth before taking impres- Composition of amalgam, 303. of blood, 148. Cleft lip, 712. palate, 613. complete, 613. Fergusson's operation for, 623. incomplete, 613. of hard parts, 617. operation for, 620. preparation of patient for operation, of nævi, 685 Compressors, 293. Roux's operation for, 621. surgical anatomy of parts, 618. 293. the author's operation for, 623. uranoplasty, 628. Warren's operation for, 628.

velum, 617.

Clinical histories of nævi, 680.

illustrations in tumor diagnosis, 885.

remarks on treatment of epithelial can-cer, 708. Clinoid process of os sphenoidium, 44. Cloquet's ganglion, 80. Closure of tear-canal, 27. Clot-forming agents, 410. Cobweb in hemorrhage, 410. Cod-liver oil in angina, 110. in rickets, 144. Codman and Shurtleff's atomizer, 414. as a specific in ether sickness, 961. Coffin's system in orthodontia, 371. Colchicum in neuralgia, 865. in rheumatic odontalgia, 207. Cold a cause of dental caries, 197. in anæsthesia, 411. in the head, 996. the cause of diarrhoea, 114. water in burns, 531. in diagnosis of exposed pulp, 281. in hemorrhage, 513. Colic in tetanus, 834. Collecting nitrous oxide, 975. College operating case, 330, 332. Color in calculi, 264. Columnar epithelium, 64. Coma and polypi, 643. Combustibility of ether, 956. Comminuted fractures, 802. Common carotid artery, 53, 746. Communications of nasal fossa, 633. Compatibility with tooth-substance of gutta-percha, 313. Complete luxation of jaw, 797. Complex apparatus in relation with ortho-Complexion in phosphor-necrosis, 791. Complicated arthritis, 831. teeth-cavities, 285, 289. wounds of face, 519. Complications in nasal fractures, 658. of black vulcanite, 435. of celluloid, 435. of vulcanite, 435. Compound jack-screw, 382. Compression in dental hemorrhage, 411. in facial hemorrhage, 513. in lingual hypertrophy, 372. used in dentistry for control of saliva, Concave surface of scirrhus, 949. Concentric fibroma, 938. Conclusion concerning vela obturators, 463. Condensing instruments, 342. plugs, 345.

Condition of parts in jaw luxation, 798.

Conduction in celluloid, 435. Condyloid process, 35. condition of in luxation, 797. Congenital fissure of hard palate, 614. luxation of lower jaw, 799. tongue-tie, 584. union of gums, 488. Congestion in spasms, 117. of spleen and tongue, 550. of the lungs, 996. Conical teeth and the rubber dam, 301. Conium in irritation, 869. Conjoined loss of nose and lip, 736. Connective tissue, diseases of, 677. keloid, 677. molluseum fibrosum, 678. rhino-scleroma, 679. tumor, 679. xanthoma, 679. Consistence in calculi, 264. Constipation in tetanus, 835. Constituents of mucus, 161, 194. Constitution of teeth, 91. Constitutional diseases associated with antral disorders, 747. relation of dental caries, 160. treatment of dental caries, 136. Construction of obturators, 445. Continuous gum made of celluloid, 439. Contour amalgam, 304. filling, 336. plugs, 338. of lip in denture-making, 424. Contouring in mechanical dentistry, 429. Contracted maxilla, 125. oral orifice, 726. treatment of, by Dieffenbach, 726. by Mütter, 732. modifications of, by author, 727. Contracting exposed pulp, 203. Controlling dental hemorrhage, 409. Conveniences in dentistry, 349. Convex file in separating teeth, 285. Convulsion from irritation in teething, 118. Convulsions and polypi, 643. Cooper Rose's gum tube, 635. Copland on treatment of tetanus, 836. Copper and dental caries, 189. therapeusis, 188. and pulp tonicity, 189. as an excitant of calcification, 189. in amalgam, 305. Coppery taste in mouth, 785. Coral and pumice as a cause of ulitis, 482. Corium, diseases of, 667. dermatolysis, 670. elephantiasis, 671. frambœsia, 672. morphæa, 672. nævus pilosus, 669. scleroderma, 670. unilateral atrophy, 670. Cork, use of in false anchylosis, 850. Corn, analysis of, 156. Cornu cutaneum, 667. treatment of, 668. of dental pulp, 86. of hyoid bone, 48. Coronary arteries, 54. Corpuscles, Purkinjean, 289.

1010

Corpuscles, salivary, 179. Corpuscular lymph, 139. Correcting apparatus, 370. Farrar's, 379. Kingsley's, 377. McQuillen's, 372. Westcott's, 370. White's, 370. double hare-lip, 718. Corrosive sublimate in stomatitis, 105. in syphilitic stomatitis, 105. Corrugated powder-disk, 344. Cortex strata, 927. Corundum disks, 278, 344. points, 345. tape, 344. Coryza in infants, 654. and iodide of potassium, 553. Cosmoline in burns, 531. Costiveness in epistaxis, 634. Cotton as an obturator, 443. in root-filling, 243. seton in salivary fistula, 762. twine in hare-lip operation, 725. Counter casts, 445. openings in alveolar abscess, 226. Cow-horn forceps, 393. Cracks and fissures of tongue, 551. in enamel a cause of pulpitis, 174. Crapulous diarrhea, 113. Cream in angina, 110. in scrofulosis, 144. Creasote as a cause of ulitis, 482. as a disinfectant, 786. as a parasiticide, 189. in dental caries, 182. in ether-sickness, 961. in neuralgia, 867. Cribriform plate of ethmoid bone, 41. Crimson-tinged tumors of jaw, 942. Crista galli of ethmoid bone, 41. Crown cavities, 334. Crucial incisions in cystoma, 41. Crusta dentium adamantina, 927. petrosa, 85. Cryer's plan of repairing celluloid dentures, Cupping, 985. Cups for impression purposes, 416. for relief of visceral congestion, 984. Cup-shape dental atrophy, 145. Cure of dental caries by filing, 182. by filling, 177. Curette in lupus erythematosus, 705. Cuspidati teeth, 89. Cutaneous horns, 667, 692. hyperæmia, 120. Cuts of tongue, 551. Cutting bone scissors, 822. forceps, 401. teeth, irritation from, 100. Cylinders in tooth-filling, 320. for nitrous oxide, 975. Cyst, general diagnosis of, 915. Cystic disease of tonsil glands, 544. tumors, 915. non-explainable, 932. self-explainable, 915. Cystiform antra, 933. Cystoma of tongue, 562.

Cystoma, parasitic, of cheek, 691. Cystomata, 915. Cysto-sarcoma, 940. succulent tumors, 945. Cysts of salivary ducts and glands, 530. D. Da Costa's neuralgic ointment, 869. Dam, rubber, 297. Danger of chloroform, 967. Danger to jaw of infantile alveolar abscess, Data concerning dental tumors, 931. Dead or loose teeth as a cause of disease of gums, 481. Deadrick in jaw operations, 825. Deafness in angina, 107. Debility and infantile diarrhea, 113. in aphthæ, 511. of organization, 139. or strength in relation with use of chloroform, 968. Deciduous teeth, 87. absorption of roots of, 98. foramina of, 98. Decomposition of dental pulp, 209.

Deep arteries of face, 54. seated ranula, 601. Defects in the hard palate, 627. Definition of dental tumors, 905. of skin diseases, 120, 667. of term tumor, 884. Deformed or anomalous teeth, 405. Deformities of head in rickets, 143. in dentition, 366. Deformity from burns, 739. Delayed dentition in rickets, 143. Delicate infants and dentition, 100. Dennet's pivot tooth, 358. Dens sapientiæ, 91. Dental abscess, 225. arches in articular relation, 427. carbolic acid soap as an oral parasiticide, caries, 177. chisels, 275. conveniences, 349. cysts, 915. engine, 271. Bonwill's, 272. White's, 272. evolution a cause of febrile manifestations, 102. exostosis, 405, 905. files, 276. fungoid tumors, 892. hemorrhage, 408. irregularities, 368. irritation in association with dental evolution, 102. and skin eruptions, 120. mirror, 281.

napkin, 293.

nerves, 73.

necrosis, 776.

inferior maxillary, 75.

Dental nerve, superior maxillary, 73. operating chair, 348. periostitis, 219. pits, 87. plates, 421. in œsophagus, 608. decomposition, 209. exposure of, 203. splint, 814. therapeusis, 187. trays, 416. Dentes sapientiæ, 91. forceps, 397. Dentifrices, 74. improper use of, 481. non-soluble, 218. Dentigerous tumors, 918, 921, 922. Dentinal tubules, 84. Dentine, 83. analysis of, 92. formation of, 83. moist, 181. sensitive, 198. soft, 181. Dentinification, 94. Dentinoma, 915. Dentition, 93. Denture, 421. imperfect, 159. perfect, 158. Denudations, 267. treatment of, 268. Depletion, 985. in periodontitis, 222. Deposits of pigment, 669. Depressed rubber dam, 297. Depressing action of heart as an anti-hemorrhagic, 409. Depression of tongue, 534. Depression of tongue, 534.

Depressor muscles, 53.

Derangement of bowels in phosphor-necrosis, Dermatitis, 120. Dermatolysis, 670. Descendens noni nerve, 745. Desirabode's palatine obturators, 455. Destiny of milk teeth, 98. Destruction of alveolar process, 93. of teeth, 208. Destructive disease, 136, 137. Detaching teeth from celluloid plates, 439. Details and principles in diagnosis, 1001. Deteriorated antral secretions, 644. Development of teeth, 93. Deviation of nasal septum, 655. Devitalized dentine and dental pulp, 776. Dewar's dressing, 715. Diabetes mellitus and tongue, 549. Diagnosing dead teeth, 130. Diagnosis, general, 999. of dental irritative fever, 111. of polypi, 641. of the aphthæ, 507. of tumors, 884. Diagram of burs, 201. of contour work, 187. of gum lancing, 103.

of imprisoned teeth, 131-133.

of inflammation, 980.

Diagram of nerve-canal pluggers, 242. of nodular dentine, 214. of squamous epithelioma, 710. of tooth nutrition, 778. showing secondary dentine, 215. showing teeth, 87, 88. development, 95. Diameter of dental tubules, 214. Diamond reamers, 186. Diamonds in teeth as ornaments, 364. Diaphoresis in angina, 107. Diarrhoea from atmospheric changes, 114. from dentition, 102-112. from enteritis, 112. from excess of food, 112. from food not easily digested, 113. from hepatic derangement, 112. from infusoria, 114. from malarial influence, 112. from scrofulous diathesis, 113. from unhealthy milk, 114. from worms, 113. mixture, 510. Dibble's saliva-pump, 294. Dieffenbach's operation for atresia oris, 726. on lip, 735 for staphyloplasty, 627. Diet and aphthæ, 511. and bad teeth, 148. in angina, 108. in inflammation, 989. Difference in vice tumors, 907. of dental and osseous caries, 135, 565, Digitalis in neuralgia, 865. Diminution of appetite in phosphor-necrosis, of pulp-cavity, 213.
Diphtheria and nose-bleeding, 634. Diphtheritic inflammation, 991. Direct drying of dental cavities, 301. Directions for making obturators, 445. Dis. 999. Disappearance of eruptions associated with Dry cupping, 985. convulsions, 115. Discoloration of teeth caused by amalgam, Discolored teeth, 248. Disease a generic term, 999. Diseased protoplasm, 139. Diseases of external nose, 657. fractures, 658. loss of substance, 658. of first dentition, 100. of the face, 667. immediate, 667. mediate, 667. of the floor of mouth, 590. of the gums, 475. of the periosteum, 209. of the pharynx, 603. of the teeth, 135. Disinfecting dental pulp-canal, 242. Disking incipient caries, 182. Disks, corundum, 278. Dislocation of the inferior maxilla, 797. cause of luxation, 797. condition of parts in luxation, 797. congenital luxation, 799. diagnosis of luxation, 797.

Dislocation, forms of displacement, 797. fracture associations, 798. in men and women, 798. subluxations, 799. treatment of luxation, 800. use of anæsthesia in, 801. Dispensing nitrous oxide, 975. Displacement of nasal septum, 658. Dissection of lips and cheeks, 52. of soft palate, 619. of tongue, 60. Distention of antral walls, 749. Distinction of blood in hemorrhage, 512. Distribution of nerves of face, 57. Disturbances in tissue metamorphosis, 980. Diuretics in inflammation, 990. Diversion in angina, 107. Division of frænum in tongue-tie, 584. Donovan's solution in neuralgia, 866. in syphilis of the tongue, 555. Double hare-lip, 719. c screw in orthodontia, 378. Douche bath, 666. in ozæna, 644. Dover's powders, 995. in odontalgia, 205. Doyle's oral speculum, 823. Drain in necrosis, 793. Drainage in treatment of ranula, 592. Drain-tubes in replantation of teeth, 254. Dressing contour fillings, 98. gutta-percha plugs, 315. jaw fractures, 802. Dribbling, treatment of, 763. Dried fruits and the teeth, 173. Drill, Merry's, 271. Drill-holes in orthodontia, 383. Drilling engines, 272. roots and necrosis, 780. Drills, rose and spear, 271. Drip-tube, Herrick's, 280. Dropsy of antrum, 751. Drop-tubes, 280. Dryness and sensitive dentine, 202. and tooth-filling, 301. Dubs's screw forceps, 403. Duct compressors, 294. Hawes's, 294. Morrison's, 294. Osborn's, 294. Rich's, 296. Smith's, 294. of Bartholin, 66. of Steno, 66. of Wharton, 66. Ductus ad nasum, 27. Duplay's speculum, 654. Dupuytren's lip operation, 731. Duration of acute tetanus, 834. of scirrhomata, 948. Dyscrasia in relation with orthodontia, 367. Dyspepsia and anamia as causes of dental caries, 160.

Earth as a dressing, 531. Earthy concretions in duct of Steno, 763. salts and tooth-calcification, 92.

Ease or difficulty in extracting teeth, 384. Eau de luce in seborrhœa, 674. Eburnification, 177. Eccentric fibroma, 938. Ecraseur, 579. Efflorescence of mouth, 501. Effusions, character of, 995. in burns, 531. in the tissue of pharynx, 605. in tongue, 570. Egg-shaped nodules in dental pulp, 215. Electric illuminator, 611. state not a fixity, 170. Electrical disturbances in dentistry, 189. Electro-chemical dental experiments, 167. relations with caries, 167. galvanism in tooth-extraction, 412. magnetic mallet, 340. Electrolysis in treatment of vascular nævi, of tumors, 896. Elephantiasis, 671. Elevator muscles, 51. Elevators used in extracting teeth, 398. Elliot's rubber dam clamps, 299. Elongated tongue, 549. Emery in plug-finishing, 345. Emetics in angina, 108. in sore throat, 108. Emotional disease of sweat-glands, 677. Emphysema in tracheotomy, 547. Emprosthotonos in tetanus, 835. Enamel, 84, 94, 927, 929. abrasion of, 267. analysis of, 92. denudation of, 267. formation of, 94. membrane, 97. stopping, Ochlecker's, 318. Encephaloma, 950. early ulceration of, 950. illustrations of, 950. malignancy of, 950. microscopic views of, 950. protrusion of fungus from, 952. Enchondroma of tongue, 574. Enchondromatous tumors, 946. Encysted tooth-germs, 124. Encystment of teeth by salivary calculus, 258. Endermic application of morphia in neural-Engine, dental, 271. Bonwill's, 272. White's, 272. drill in extraction of roots, 406. English chalk as a decolorizer, 249. method of rhinoplasty, 659. operation in hare-lip, 718. Engorgement of antrum, 756. Enostosis, 904. Enteric fever and tongue, 550. Enteritis in dentition, 113. Epiderm, diseases of, 667. callositas, 667. chloasma, 669. cornu cutaneum, 667.

lentigo, 669.

lichen pilaris, 668.

nævus pigmentosus, 668.

Epiderm, diseases of: vitiligo, 668. Epiderm et corium, diseases of, 667. ichthyosis, 673. verruca, 673. Epiglottis, 64. Epilepsy from dental irritation, 118. Epistaxis, 634. associated with hemorrhagic diathesis, passive, 636. plethoric, 636. traumatic, 635. Epithelioma, 697. general consideration of, 697. illustrations of, 700. microscopic character of, 710. of face, 698. of lingual frænum, 596. of tongue, 560. three forms of, 698. treatment of, 699. Epithelium of mouth, 64. Epitome of myeloid growths, 944. Epsom salts in angina, 107. Epulic tumors, 892. Epulides not self-explaining, 897. Epulo-erectile tumors, 894. definition of, 894 treatment by cauterants, 895. by electrolysis, 896. by injection, 895. by pressure, 896. by the serres-fines, 896. by the seton, 896. varieties of, 895. Epulo-fungoid tumors, 892. Erectile epulides, 894. growths, 680. tumors of tongue, 571. Erigeron canadensis in hemorrhage, 104, 409. Errors of nutrition and tongue, 574. Eruption of temporary teeth, 97. on skin, 120. in dentition, 120. Erysipelas, 120. and burns, 740. as a complication in epithelioma, 704. in burns, 532. of tongue, 570. specific for, 740. Erythema, 120. Eschar and scar, 739. Ether, sulphuric, 956. absorption of, 958. action on nervous system, 959. boiling point, 956. carbonic acid as an antidote for sick stomach, 961. chloroform as an antidote for sick stomach, 961. coffee as an antidote for sick stomach, combustibility of, 956. continuance of patient in anæsthetic condition 961 creasote as an antidote for sick stomach,

961.

criterion for judging effects of, 961. effects of a bad article, 960.

essentials of exhibition, 956.