

Biography

Fifty Years in Dentistry

LOUIS OTTOFY, D. D. S., M. D.

October 15, 1877, to October 15, 1927

Man's sociality of nature evinces itself in spite of all that can be said, with abundant evidence by this one fact, were there no other: the unspeakable delight he takes in Biography.—*Carlyle*.

No past event has any intrinsic importance. The knowledge of it is valuable only as it leads us to form just calculations with respect to the future.—*Macaulay*.

Fifty Years in Dentistry



LOUIS OTTOFY, D. D. S., M. D.

THIS chronological sketch indicates what one man may do for the dental profession. May it encourage some of the younger men in solving the two vital problems of dentistry, and thus serve humanity: the elimination of the causes which lead to caries of the teeth and to the loss of the investing tissues.

The subject of this sketch claims no credit. Dr. Ottofy is of this opinion: "No one deserves any special credit for anything accomplished on this earth. All activity is due to initiative, impulse and opportunity. He, whose mental development is arrested, and who can do no more than to use a spade (provided he uses it for some good purpose), is as deserving of credit, as he who due to genius, education, initiative, impulse or opportunity accomplishes the transcendental."

Inasmuch as there is very little aside from dental activities, the compilers make mention of that in this sketch. He has contributed to the lay press on topics of general interest, including articles relating to travel, prepared a manuscript on "Our Race Problems: Negro, Japanese and Filipino," (1921), etc.

This narrative is simply the record of a restless spirit plus opportunity.

PERSONAL

- 1860 October 22, born at Budapest, capital of Hungary.
- 1866 to 1874, attended elementary school, gymnasium (high school), and commercial school. Languages studied included Greek, Latin, German, French, Hungarian and Slavonic.
- 1867 Witnessed the coronation of Emperor Francis Joseph I, as King of Hungary, in Budapest.
- 1873 Went with his father to the International Exposition in Vienna.
- 1874 Arrived with parents, brothers and sisters, in Baltimore, March 11, and Cincinnati, March 17. Apprenticed to a highly educated dispensing pharmacist learning chemistry and pharmacy, and unaided compounded physicians' prescriptions, written entirely in Latin.
- 1875 Apprenticed to an educated chemist and pharmacist, continuing to learn chemistry and pharmacy.
- 1876 Seen Dom Pedro II, Emperor of Brazil, in Cincinnati, O.
- 1877 In March went to St. Louis and after a short stay, to Chicago; employed in a drug store at West Madison and Green Streets.
- In the fall returned to St. Louis and attended a course of lectures at the Missouri Medical College.
- October 15th matriculated at the Western College of Dental Surgeons, of which Dr. C. W. Spalding was the Dean, and Drs. Henry S. Chase, Henry Fisher and others were the able teachers. He estimates his entrance into the profession as of October 15th, 1877, because during the training period,—as was then the custom,—he at once engaged in the practice of dentistry. Practiced continuously from 1877 to 1920, and again in 1923, a total of 44 years. Cannot continue practice, being unable to stand at the dental chair for long periods, due to physical disability.
- 1878 Opened an office with his father, who was a physician.
- 1879 Graduated with the degree of Doctor of Dental Surgery, March 6th. Engaged in dental practice in St. Louis, and in July removed to Lebanon, Ill.
- 1880 Removed to Oswego, Kansas, practiced two months, but seeing no great future for the development of the city, returned to Lebanon, Ill.
- Delivered a course of lectures on Chemistry at McKendree College. Continued the study of French at McKendree College.
- 1881 Organized the Medical Society of Lebanon, consisting of physicians, dentists and pharmacists. Elected Secretary.
- 1882 Removed to Grand Forks, Dakota Territory, engaged in practice.
- 1883 Filed on a homestead in Nelson Co., D. T., moved there, and continued to practice there and at Michigan City and Mapes, D. T.
- 1884 Established Ottoby Post Office, in Nelson Co., D. T., and was appointed Postmaster; Notary Public, 1884-88; elected Justice of the Peace; elected County Coroner, but removed to Chicago before the time for qualifying.
- 1885 Visited the Exposition in New Orleans, and then located in Chicago.
- 1886 Commissioned Notary Public for Cook Co., Ill., 1886 to 1902, and again 1927 to 1931.
- 1887 to 1889. Attended special courses in Physiology, Histology and Histochemistry, at the College of Physicians and Surgeons, Chicago. Certificate of Honor in the Examination.
- December 27th. Married Nellie Freeman, who during the next 40 years has been his pal and constant companion, cheerfully making many sacrifices to enable her husband to devote time, energy and money in the interests of the advancement of dentistry.
- 1889 First child, a daughter, Gloria Columbia, born July 4th.
- 1891 February 19th, Gloria Columbia passed away. February 20th, son, Fred-eric Freeman, was born. Educated in schools, colleges and university, in

- 1891 Chicago, St. Louis, Yokohama, Tokyo, Manila and at Berkeley, Calif., finishing with the degrees of Bachelor of Literature and Doctor of Law. Captain, Reserve Corps, U. S. Army. Lawyer.
- 1898 In June, removed to Yokohama, Japan, and entered practice. Carried with him recommendations addressed to His Excellency, Marquis Saionji Kimmochi, Minister of Education for Japan, advising of Dr. Ottoby's fitness to establish and conduct a dental school in the Imperial University of Japan. This was signed by 52 of the 55 Deans of the dental colleges of the U. S. and Canada. He was also provided with engrossed testimonials from the Illinois State Dental Society; the Chicago Dental Society; the Hayden Dental Society of Chicago, and the Odontological and Odontographic Societies of Chicago. But the time was not propitious. The war with China had impoverished Japan, and the war with Russia was impending. Furthermore, by treaties with all foreign countries the extraterritorial rights hitherto enjoyed by them, were to be terminated in 1899. The Japanese were "getting on their own feet," and dispensing with tutelage under foreigners. All positions in the field of education were henceforth to be filled by Japanese, most of whom were educated abroad.
- Studied Japanese, acquiring a sufficient knowledge of the language for ordinary conversation, 1898-99.
- Japan correspondent of the *Chicago Tribune*, 1898-99.
- To 1920 traveled extensively in Japan, China and the Philippines.
- 1899 Seen Mutsuhito, Emperor of Japan, in Yokohama.
- In December, at the solicitation of American Army officers from the Philippines, removed to Manila, P. I.
- 1900 During this, and following years, acquired a knowledge of Spanish. Also Esperanto, translating the "Rubaiyat" of Omar Khayyam into Esperanto.
- 1915 Honorary degree of Doctor of Medicine from the College of Physicians and Surgeons, St. Louis, Mo., "in recognition of conspicuous services rendered in the dental branch of the healing art."
- Member University Club, Manila.
- 1920 Assisted in editing the Manila City Directory.
- Left the Philippines to return to the U. S., in accord with the hope of all patriotic Americans living abroad, whose desire is to end their days in "God's Country." Remained in Japan until
- 1921 Residing in Tokyo. Studied the dental conditions, comparing them with his previous residence in Japan (1898-99), when dentistry was undeveloped.
- Returned to Chicago after remaining a few months in California.
- U. S. Correspondent for *The Manila Bulletin*, a daily newspaper.
- 1922 Member American Philological Association.
- 1923 Conducted experiments with Bakelite as a base for dentures. Made imperfect dentures, but owing to lack of time abandoned further research. (The availability of the material for this purpose has since been demonstrated.)
- 1927 During the winter of 1927-28 contemplates taking a complete course in dental technology. Residing until April 30, 1928, at 829 Eastwood Avenue (Phone Edgewater 0286) Chicago, and in
- 1928, May, will remove to 175 Vernon Terrace (Phone Glencourt 2808), Oakland, California.

SERVICE AND MEMBERSHIP IN DENTAL ORGANIZATIONS

- 1881 In May, at Rock Island, became a member of the Illinois State Dental Society. Attended every meeting from 1881 to 1898, inclusive, except in

- 1881 1884, when residing in Dakota Territory. And again every meeting since returning from the Far East, 1922 to 1927, inclusive. Life member.
- 1883 One of the organizers of the Northwestern Dental Association, comprising parts of Dakota Territory, Minnesota and Manitoba. Elected President.
- 1885 Member Chicago Dental Society. Active until 1898; corresponding, 1898 to 1921; active since 1921.
- 1886 Member American Dental Association. Secretary of Section II on Dental Education, Literature and Nomenclature, 1886 to 1890, inclusive; Chairman, 1891 to 1897, inclusive. Attended every meeting 1886 to 1897, inclusive, and after return from the Far East, 1921 to 1927, inclusive, except 1922.
- 1887 Assistant Secretary, Illinois State Dental Society.
Honorary member, Iowa State Dental Society.
Honorary member, Indiana State Dental Association.
Member, Ninth International Medical Congress, Dental Section, Washington, D. C.
- 1888 Corresponding Secretary, Chicago Dental Society.
Honorary member, Nebraska State Dental Society.
Member Northern Illinois Dental Society. Exec. Comm., 1894, 1895; Chairman, 1896. Vice President, 1897.
- 1889 Honorary member Kentucky State Dental Association. (Also Honorary member of the Southern Illinois Dental Society, and Corresponding member of the North Dakota State Dental Association. Dates unknown.)
Member Supreme Chapter, Delta Sigma Delta Fraternity.
Member I. International Dental Congress, and Secretary for Northwestern United States. Received diploma of participation from the Government of France.
Founded the Hayden (now Englewood) Dental Society of Chicago. Elected President, 1889 to 1891; Secretary, 1891 to 1893.
Member Odontological Society of Chicago. Active, 1891 to 1898, then pending member until its amalgamation with the Chicago Dental Society.
- 1891 Elected Secretary of the Illinois State Dental Society and served for six years.
Member Odontological Society of Chicago. Active, 1891 to 1898, then transferred to the list of corresponding members.
- 1893 Member and Assistant Secretary, II. International Dental Congress. (World's Columbian Dental Congress.)
Treasurer, Supreme Chapter, Delta Sigma Delta Fraternity.
Secretary-Treasurer, Odontological Society of Chicago.
Member International Dental Federation.
- 1894 Secretary *pro tempore* of the National Association of Dental Faculties, elected Secretary and served in 1895 and 1896.
- 1896 President, Chicago Dental Society.
- 1898 Founded the American Dental Society of Japan. Elected President.
- 1899 During residence in Japan served as Secretary of the National Committee of Japan for the III International Dental Congress.
- 1900 Member III International Dental Congress.
One of the organizers of the Manila Dental Society.
- 1904 Member and one of the Honorary Presidents of the IV International Dental Congress. Present at the meeting in St. Louis.
Member Midwinter Fair Dental Congress, San Francisco.
- 1908 Charter member of the Sociedad Dental de Filipinas. Spanish. (Dental Society of the Philippines.)

- 1909 Member and one of the Honorary Presidents of the V International Dental Congress.
Corresponding member of the Central Society of Dental Surgeons of Germany.
- 1914 Member of the VI International Dental Congress.
- 1915 Member and one of the Honorary Presidents of the Panama-Pacific Dental Congress, San Francisco.
Member American Association of Progressive Medicine.
- 1922 Reporter, Commission on Dental Nomenclature, International Dental Federation, 1922-24.
- 1924 Honorary member National Dental Association of the Philippine Islands.
- 1925 Member and Chairman, Committee on Nomenclature, American Stomatological Association.
- 1926 Member of the reorganized Odontographic Society of Chicago.
Member Chicago Auxiliary, Delta Sigma Delta Fraternity.
Member Northern Ohio Dental Association.
Member International Stomatological Association.
Member Advisory Board, American Stomatological Association.
Member VII International Dental Congress. On staff of interpreters.
- 1927 Member and Vice President, American Society of Stomatologists.
Member Hygiene Commission, Intern. Dent. Federation.
Member American National Committee, Intern. Stomatological Assn.
NOTE.—Mention of service on various dental boards, committees and the filling of many minor offices in dental organizations, is omitted.

MILITARY SERVICE

- 1882 First Lieutenant, Grand Forks Rifles; subsequently a part of the National Guard of North Dakota.
- 1900 Recognizing the urgent need of dental service in the forces of the U. S., by actual experience while practicing dentistry in Manila, circulated a petition among the Army officers, urging the passage of a bill then before Congress providing for a dental corps in the U. S. Army. Of this service, the committee on Army and Navy Dental Legislation of the American Dental Association, in recommending special votes of thanks to those who contributed to the success in securing the passage of the bill, says: ". . . and to Dr. Louis Ottoby of Manila, who took up the cause against his private interests and at our request secured the endorsement of eighty-five surgeons and several hundred line officers, which were forwarded for the use of your committee, with the consent of the Military Governor, General McArthur." (p. 219, Trans. Amer. Dent. Assn., 1901.)
- 1901 Was offered appointment as Contract Dental Surgeon, to be the fourth on the list of thirty appointees. Declined, believing (as subsequently substantiated), that there was for him at that time a useful field in the development of dentistry in the Philippines. (Acceptance and subsequent good behavior, would have culminated in retirement from the service in 1924, with the grade of Colonel.)
- 1917 Captain and Supervising Dental Surgeon, Dental Corps, Philippine National Guard.
- 1918 Major and Supervising Dental Surgeon, Dental Corps, Philippine Division, U. S. Army. Instructor of the Dental Corps, U. S. Army training school for officers. Honorable discharge.
- 1919 Major and Supervising Dental Surgeon, Dental Corps, Philippine National Guard. Honorable Discharge.
- 1920 Member American Legion, Yokohama-Tokyo Post No. 1.

- 1921 Member Medical Post, American Legion, Chicago.
 Member Association of Military Dental Surgeons of the United States.
 1924 Member Army and Navy Club of Chicago.
 1925 Member Military Order of the World War.
 1927 Member Committee on Military and Naval Affairs, Chicago Chapter, Mil. Ord. of the World War.

SERVICE IN DENTAL EDUCATION

- 1888 Lecturer on Physiology, Chic. Coll. of Dent. Surg., 1888-89.
 1890 Professor of Physiology, Chic. Coll. of Dent. Surg., 1890-93.
 1893 Dean and Professor of Dental Pathology, Amer. Coll. of Dent. Surg., Chicago. Served until 1896, when the school was united with the Northwestern Univ. Dent. School.
 1896 Professor of Clinical Dental Therapeutics, Chic. Coll. of Dent. Surg., 1896-98.
 Delivered courses on Dental Jurisprudence, Chic. Coll. of Dent. Surg., 1896-98.
 1898 Delivered a course of lectures to a group of dentists in Tokyo, Japan, 1898-99.
 1900 Dean and Professor of Dental Pathology, Manila Dental College.
 1915 Designated by the President of the University of the Philippines to organize and establish a dental school for the University. Appointed Director and Professor of Dentistry, School of Dentistry, University of the Philippines, serving until the first class was graduated in 1919.
 1926 Educational Director, McCarrie School of Mechanical Dentistry, Chicago, with branch schools in Detroit, Cleveland, Boston and Philadelphia. (Intends to serve in this capacity until April 30, 1928.)

SERVICE IN DENTAL LEGISLATION

- 1880 Drafted a dental law for the State of Illinois, using as a model the laws in force in eight states at that time.
 1881 Bill was introduced in the State Legislature by the Hon. Nicholas Perrin of Belleville. Withdrawn at the earnest solicitation of Chicago dentists, who also presented a draft, and Mr. Perrin was requested to aid (and he did) to the fullest extent the passage of their measure, which became the law of 1881.
 1884 Drafted and secured the passage of a dental law for Dakota Territory, enacted in 1885. This subsequently became the dental law of North and South Dakota. "Probably no dentist in this state (N. D.) ever did so much to raise the standard and advance the science of dentistry, as Dr. Louis Ottofy, who located in Grand Forks in July, 1882; for it was largely through his efforts that a dental society was formed, and steps taken to secure the passage of a dental law. . . . Its passage gave us the honor of being the first territory of the United States to secure a dental law."—*Koch's History of Dental Surgery*, p. 765.
 1900 In June drafted and presented to the Philippine Commission a dental law for the Philippine Islands, which was enacted, with modifications, in January, 1903.
 1914 Secretary-Treasurer of the Board of Dental Examiners of the Philippine Islands. Resigned due to his connection the following year with a dental school, the law prohibiting a member of the Board to be at the same time associated with a dental school.

SERVICE IN DENTAL JOURNALISM

- 1879 Associate Editor, *Dental News*, Knightstown, Ind.
 1881 Translator for the *Missouri Dental Journal*.
 1886 One of the founders of the *Dental Review*, Chicago; part of the time Secretary and Treasurer of the publishing company. Associate Editor, 1886-1892.
 1892 Established, edited and published the *Dental Tribune*, a weekly newspaper, continued until after the adjournment of the International Dental Congress of 1893. The first dental publication to present the likeness of living members of the dental profession. Objections were made to the introduction of this novel departure from the usual practice, to which the following editorial reply was made in the issue of May 6, 1893: "We consider this kind of newspaper enterprise perfectly justifiable, . . . and the opposition of any who may be jealous because they chance not to be among those whom we believe worthy of certain distinction, will not in the slightest deter us from pursuing our course . . ." The change of sentiment in this regard is evidenced by the numerous illustrations of the likenesses of living subjects in the dental journals and programs of dental societies at the present time.
 1894 Associate Editor *Delta Sigma Delta Desmos*, 1894-96.
 1896 Editor of the *Delta Sigma Delta Desmos*, a dental fraternity Journal, 1896-97.
 1927 Collaborator, *The American Stomatologist*.

DENTAL BOOKS

- 1889 "A Compendium of Dentistry." See under "Translation of Dental Subjects."
 1893 "Transactions of the II International Dental Congress." Two volumes, 1068 pages. As Assistant Secretary of the Congress, was charged by Dr. A. W. Harlan, Secretary, to compile and edit the transactions. Some of the papers are in French and German. Completed at the end of 1894. Of this work Dr. Harlan, on page 1045, says: "The editor gratefully acknowledges the unremitting and faithful labors of Dr. Louis Ottofy, in preparing these volumes for publication." Published in Chicago.
 1895 "Outlines of Dental Pathology." A book of 96 pages for dental students. Published in Chicago.
 1897 "Plantation of Teeth." Author of this Chapter in the "American Text-Book of Operative Dentistry," by Dr. E. C. Kirk. Also in the editions of 1900, 1905 and 1911. Published in Philadelphia.
 1921 In Chicago, commenced the compilation of a dental dictionary, continued exclusively in this work throughout
 1922 and published in Chicago under the title,
 1923 "Standard Dental Dictionary." A volume of 480 pages, containing 16,000 dental and related terms, including a number from foreign languages, principally from the German, French and Japanese.
 1924 Compiled and edited the dental informative section of a book published in Chicago, entitled
 1925 "Polk's Dental Register and Directory of the United States and Canada." 13th edition, 1301 pages. The principal subjects compiled for this book are as follows:

Number of dentists in the U. S., its possessions, and Canada.
 Complete list and brief historical sketch of all dental colleges in the U. S. and Canada, including the names under which they were known at various times.

Number of graduates each year from 1841 to 1924, inclusive.

- 1925 List of dental societies.
List of all Boards of Dental Examiners.
List of dental journals of the world.
Edited and listed all dental and dental hygiene laws.
Directory of important recent books for dentists.
Lists of public schools, hospitals, institutions for the mentally defective, industrial institutions, etc., which maintain dental clinics or dispensaries.
Complete information concerning the Army, Navy and Veterans Bureau Dental Corps.
Dentistry among the Colored People of the U. S.
Partial list of American dentists practicing abroad.
Information concerning dental fraternities.
Information relating to dental hygiene and dental hygienists.
- 1926 Prepared copy for the next edition of this work, including a "Chronological History of Dentistry."
- 1927 Compiled material on dental subjects for the 14th edition of Polk's Dental Register to be published in 1928.

TRANSLATION OF DENTAL SUBJECTS

- 1881 From the German, published in the Missouri Dental Journal:
Dental Education in Germany.
Repairing Lower Plates in Some Particular Cases.
Cases in Practice.
Something About Resection.
Contraction of Amalgam Fillings.
Abscesses of the Antrum of Highmore Not Caused by Any Disease of the Teeth.
- From the French, published in the Missouri Dental Journal:
Treatment of Epithelioma of the Tongue.
A Case of Sudden Death During Depression of the Tongue.
Oil of Eucalyptus as a Successor to Phenic Acid.
The Dental School.
- 1882 From the German, published in the Missouri Dental Journal:
Teeth in the Urinary Bladder.
A New Material for Root Filling.
Iodoform in Dental Surgery as a Pain Obtunder.
Sulphuric Acid in Amalgam.
A Case of Union Between the Upper Central Incisors with the Laterals.
Dentifrice to Be Used on Healthy Teeth and Gums.
Vulcanizing in the Light of Physical Laws.
Swallowing a Set of Teeth.
Process of Vulcanizing and the Effect of Steam Pressure Upon the Same.
- From the French, published in the Missouri Dental Journal:
Treatment of Epulis.
Treatment of Facial Neuralgia.
- 1884 Leeuwenhoek and Bacteria. From the German. Arch. of Dent.
- 1886 Condition of Dentistry in Hungary. From the Hungarian. Dent. Review.
- 1889 Case of Fistula Opening on the Mammary Gland. From the German. Dent. Review.
Odontomes. From the German. Dent. Review.
- From the German, published in Chicago:
"A Compendium of Dentistry," by Jul. Parreidt. Authorized translation with notes and additions by Dr. G. V. Black. 229 pages, numerous illustrations.

ORAL HYGIENE—PREVENTION OF DENTAL CARIES—FREE DENTAL CLINICS

- 1882 Made the first systematic survey and tabulation of the condition of the teeth of any group in dental history, *i. e.*, of the children in the public school at Lebanon, Ill.
Made a further examination of the teeth of the children in the public school of Grand Forks, Dakota Territory, although no specific permission could be obtained from the school authorities.
That Child's Teeth. Dent. News.
- 1883 The Incipency of Dental Caries. Trans. Ill. St. Dent. Soc.
- 1884 The Decay of Children's Teeth. (Exam. of the Teeth of 355 Pupils of a Public School.) Dent. Items of Int.
- 1885 In What Order Caries Attacks the Teeth. Dent. Luminary.
- 1886 Examined the teeth of children in a public school of Chicago, although permission to do so was officially refused by the Board of Education, such investigation being considered outside of the power of the Board to grant.
- 1887 Devised an Examination Chart for Tabulating the Condition of the Teeth. Trans. Amer. Dent. Assn. and reprint in Dent. Cosmos, 1888.
- 1888 Incipency of Dental Caries. Trans. Amer. Dent. Assn. Reprinted in Dent. Items of Int.; South. Dent. Jnl.; Dent. Cosmos; Ohio St. Jnl. of Dent. Sci.; Dent. Register and Dent. Review.
- 1896 The Preservation of the Deciduous Teeth by Means of Caps and Crowns. Dent. Review.
- 1899 Examination of the Teeth of Lepers at the Meguro Hospital near Tokyo, Japan. Dent. Review.
- 1904 Between 1904 and 1917, established free dental clinics in the following institutions Manila, P. I.: St. Luke's Hospital; St. Paul's Hospital; Girls' Orphanage; Bilibid (Federal) Prison; School for the Deaf and Dumb; Home of the Holy Child; Philippine General Hospital, and in the Public Schools. Acted as Supervising Dental Surgeon to all of them, without compensation, from 1905 to 1917, and the following service was rendered to the poor people of Manila:

Treatments	44,492
Extractions	20,079
Amalgam Fillings.....	5,771
Cement Fillings.....	1,788
Gutta Percha Fillings.....	1,521
Gold Crowns.....	899
Bridges	351
Cleaning Teeth.....	281
Vulcanite Dentures.....	180
Porcelain Crowns.....	107
Gold Fillings.....	71
Vulcanite Dentures, Repaired.....	5
Richmond Crowns.....	4
Orthodontic Cases.....	3
Cleft Palate Obturators.....	3
Prosthetic Noses.....	10
Prosthetic Upper Lip.....	1
Prosthetic Eyes and Part of Face.....	2
Prosthetic Lower Lips	3
Prosthetic Ear.....	1
Treatment, Fracture of the Mandible.....	1
Synthetic Filling.....	1

TOTAL OPERATIONS.....75,574

- 1904 This is a report only for the period from May 1, 1905, to December 31, 1917. The record since then has been in the care of others. Total number of patients treated, 29,480, of whom 28,976 were Filipinos and 504 of various other races and nationalities. When using artificial teeth or gold, a moderate charge was made.
- Of this, and similar service in the Philippines, Dr. Eladio R. Aldecoa, Secretary of the Dental School of the University of the Philippines, in a paper read at the VII Intern. Dent. Congr., 1926, said: "But when the Americans came to the Islands, the practice of dentistry was standardized. One American dentist who interested himself in establishing dental education in the Philippines was Dr. Louis Ottofy. He organized the first state dental school in the University of the Philippines and became the first director of the same. His idea of dental clinics for the school children is now being actively carried out by the Junior Red Cross dentists, under auspices of the American Red Cross in the Philippines." (Jrnl. Amer. Dent. Assn., Feb., 1927, p. 245.)
- International Examination and Tabulation of the Condition of the Teeth of School Children. I. Report on the Examination of the Teeth of Filipinos and Chinese in the Public Schools of Manila. II. Plan of a Uniform Periodical Notation of the Condition of the Teeth of School Children of All Countries. Trans. IV Intern. Dent. Congr. Reprint in Dent. Cosmos, 1905.
- 1907 Free Dental Service in the Public Schools of Manila. Dent. Cosmos.
- 1908 The Teeth of the Igorots. Dent. Cosmos.
- 1909 Dental Clinics in Manila. Trans. V Intern. Dent. Congr.
- 1910 Dental Clinics in Manila, Schools, Prison and Orphanage. Dent. Cosmos.
- 1911 Free Dental Clinics in Manila. Dent. Cosmos.
- 1912 Free Dental Clinics in Manila. Dent. Cosmos.
- 1914 Free Dental Clinics in Manila. Dent. Cosmos.
- Oral Hygiene and Public Dental Service in the Philippine Islands. Trans. VI Intern. Dent. Congr.
- The Teeth of the Negritos. Trans. VI Intern. Dent. Congr.
- Introduced Toothbrush Drills in the Public Schools of Manila, with toothbrushes and tooth paste secured as donations from the U. S.
- 1915 Free Dental Clinics in Manila. Dent. Cosmos.
- Drafted and secured the enactment of a law creating a "Board of Dental Hygiene of the Philippine Islands." Was appointed Secretary.
- 1916 Need of Dental Clinics in Manila. Odontologia Filipina, Manila.
- 1918 Free Dental Clinics in Manila. Dent. Cosmos.
- 1919 Dental and Oral Hygiene in Relation to Public Health. Jnl. Natl. Dent. Assn.
- 1920 The Dental Corps of the Philippine National Guard. Jnl. Natl. Dent. Assn.
- 1923 While in practice in Chicago, availed himself of an opportunity to examine the teeth of 843 children in a parochial school, tabulating the condition of 19,524 teeth and comparing them with the first examination made by him of a similar group of children in 1882, finding an insignificant difference in over 40 years.
- To ascertain the prevalence of dental caries, Dr. Ottofy has made examinations of teeth in his practice; among school children in Lebanon, Ill., Grand Forks, D. T., and Chicago; of Filipino school children; of Chinese school children; of the Filipino troops of the U. S. Army; of lepers in Japan and the Philippines; of barbarian Igorots in the mountains of Luzon and of savage Negritos in the mountains of Bataan. He has personally examined more than 700,000 teeth, and the teeth examined

- 1923 by others under his supervision, but tabulated by him, make a total of over one million.
- 1924 Deciduous Teeth. Jnl. Amer. Dent. Assn.
- 1925 The Great Unlimited Field of Prevention. The Dental Student.
- 1926 Progress of Mouth Hygiene. Read before the Chic. Dent. Soc. (Unpublished.)
- 1927 The Term "Preventive Dentistry." Oral Hygiene.

CONTRIBUTIONS TO THE PERIODICAL DENTAL LITERATURE

(ALSO SEE "ORAL HYGIENE, PREVENTION OF DENTAL CARIES.")

- 1879 The Effects of Arsenic Upon the Pulp. Amer. Jnl. of Dent. Sci. Regulating Case. Dent. News. The Dental Pulp. Dent. News. The Upper Bicuspids. Dent. News. Mastication of Food. Johnston's Dent. Miscell.
- 1880 The Use of Mercury and Its Preparations in Operative Dentistry. Dent. News. A Case of Malformed Teeth and a Scar Upon the Cheek From an Ulcerated Tooth. Dent. News. Correct Articulations. Dent. News. Morality Among Dentists. Dent. News. Reprint in Dent. Jairus and Dent. Items of Int.
- 1881 A Case of Prolonged Intoxication. Dent. News. Non-Eruption of Superior Lateral Incisors. Dent. News. Plaster of Paris Impressions. Dent. News. Common Sense vs. Diplomas. Dent. News. Effects of Tobacco on the Teeth. Dent. Cosmos. Reprint in Dent. Luminary. Re Case of Dead Pulp. Dent. Cosmos. Supernumerary Wisdom Tooth. A Case in Practice. Dent. News.
- 1882 Dental Education. Dent. Cosmos. To Protect an Oxy-Phosphate Filling From Moisture. Dent. Items of Int. Filling Root Canals. Dent. Items of Int. Higher Dental Education. Dent. Record, London.
- 1883 Our Periodical Dental Literature. Dent. Items of Int. Reprint in Mo. Dent. Jnl., and Dent. Record, London. Pulp Amputations. Dent. News. The Position of the Dentist at the Chair. Dent. News.
- 1884 Lower Impressions. Dent. News. Reprint in Dent. Luminary and Brit. Jnl. of Dent. Sci. The Best Is the Cheapest. Dent. News.
- 1885 Protection of the Cervical Border. Dent. News. Reprint in Dent. Record, London. Abstract in Dent. Register. Dentistry in the Northwest. Caulk's Dent. Annual. Dental Spiritualism. Trans. Ill. St. Dent. Soc. Reprint in Amer. Jnl. of Dent. Sci.; Cincinnati Med. & Dent. Jnl., and Dent. Register. Operative Dentistry. (Filling Teeth.) Dent. Register. Reprint in Dent. Record, London. President's Address Before the Northwestern Dental Association. Dent. Register.
- 1886 Progress of Dentistry. Dent. Items of Int. Dental Education in the United States. Dent. Review. Reprint in Caulk's Dent. Annual.

- 1887 Implantation. Dent. Review. Reprint in Dent. Cosmos and Arch. of Dent.
 The Immediate Filling of Pulpless Teeth. Dent. Review. Reprint in Amer. Jnl. of Dent. Sci.; Dent. Advertiser and Brit. Jnl. of Dent. Sci.
 Treatment of Blind Abscesses. Amer. Jnl. of Dent. Sci. Reprint in Dent. Items of Int.
 Killing a Nerve. Dent. Items of Int.
 Length of the Dental College Course. Western Dent. Jnl.
 Report on Dent. Educ., Liter., and Nomencl., Trans. Amer. Dent. Assn.
 Reprint in Dent. Cosmos and Ohio St. Jnl. of Dent. Sci.
 Implantation. Clinic. Trans. Ill. St. Dent. Soc. and Trans. Chic. Dent. Soc. Reprint in Western Dent. Jnl.
- 1888 Bichloride of Mercury in Dental Practice. Dent. Review. Reprint in Dent. Items of Int.; Southern Dent. Jnl.; Amer. Jnl. of Dent. Sci.; Brit. Jnl. of Dent. Sci., London, and Dent. Record, London.
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NOTE.—From 1891 to 1910 and from 1922 to 1927, inclusive, the record of literary contributions, general and relating to oral hygiene, is incomplete, inasmuch as Black's Index of Dental Literature for those years has not yet been published. There is no record of many unsigned editorials which appeared in the *Dental Review* between 1886 and 1902. Neither is there any record of more than a hundred discussions on various dental subjects at dental society meetings. Several of the articles were freely illustrated.

Many of the articles have been translated and published in foreign dental journals in French, German, Spanish, Italian, the three Scandinavian tongues, Hungarian, Russian, Japanese and other languages.