

1948

HERMAN BECKS. D.M.D., M.D., D.D.S.

Graduated from the University of Rostode, Germany, with the degrees of D.M.D. and M.D.

Received his D.D.S. from the University of California.

He holds membership in 26 organizations, including: "Academy of applied nut.", Academy of Period., Academy of Oral Pathology, and American College of Dentists. 13 of these are honorary fellowships.

At present he is professor of Dental Medicine and chairman of this department at the University of California.

Has written some 80 research publications on dentistry and related factors.

Becks, Hermann

Normal and pathologic pocket formation.
J.A.D.A. 16: 2167-2188. 1929.

General aspects in pyorrhea research.
Pacific Dental Gazette. 37: 259-282, 1929. Correction: 349

What factors determine the early stage of paradentosis (Pyorrhea)
J.A.D.A. 18: 922-931, 1931.

Histologic study of tooth structure in Osteogenesis Imperfecta.
Dental Cosmos. 73: 437-454., 1931.

Bone changes from the pathologic standpoint.
Pacific Dent. Gaz. 39: 270-289, 1931. Symposium.

----- and Marshall, John A.
Resorption or absorption?
J.A.D.A. 19: 1528-1537., 1932.

----- and Weber, Moritz.
The influence of diet on the bone system with special reference to the
alveolar process and the labyrinthine capsule.
J.A.D.A. 18: 197-264, 1931.

Becks, Hermann.

Degenerative changes in the enamel epithelium with a study of the
histopathogenesis of enamel hypoplasia.
Int. Dent. Cong. (8th) Tr. Suppl., 1931: Sec.2. 81-94.

The experimental production of intra-osseous epulis (osteodystrophia
fibrosa) by diet.
Int. Dent. Cong. (8th) Tr. Suppl. Sec. 2: 96-104.

Camomile therapy in dentistry: its possible application in Vincent's
infection and suppurative paradentosis.
J.A.D.A. 20: 490-502, 1933.

----- and Simmonds, Nina.
Dental caries and paradental disturbances: 1. Importance of an
adequate diet for health of teeth and parodontium.
J.A.D.A. 22: 1724-1738, 1935.

Becks, Hermann.

Root resorptions and their relation to pathologic bone formation.
Amer. Soc. Orth. Tr., 1935: 84-117. Disc. 117-121.

Root resorptions and their relation to pathologic bone formation
(Follow orthodontic treatment)
Int. Jl. Orth. and Oral Surg. 22: 445-478, 1936. Disc. 478-482.

Research activities of the division of dental medicine at the George
Williams Hooper Foundation for Medical Research - Univ. of Calif.,
San Francisco.
Aust. Den. Cong. (9th) Tr., 1937. 638-649.

Becks, Hermann.

Human saliva. (Former studies of phosphorus distribution)
Jl. Dent. Research. 17: 217-234., 1938.

----- and Wainwright, W. W.

Human saliva. (Former phosphorus studies)
Jl. Dent. Research. 17: 197-215, 1938.

Human saliva. Methods of biometrical evaluation of salivary analyses.
Jl. Dent. Research. 18: 1-41. Feb., 1939.

Human saliva. IX. The effect of activation on salivary flow.
Jl. Dent. Research. 18: 447-456. Oc., 1939.

Becks, Hermann.

Orthodontic prognosis: Evaluation of routine dentomedical examinations to determine "good and poor risks"
Amer. Jl. Orth. & Oral Surg. 25: 610-624. July, 1939.

Human saliva. VII. A study of rate of flow of resting saliva.
Jl. Dent. Research. 18: 431-440. Oct., 1939.

Systemic background of parodontosis.
J.A.D.A. 28: 1447-1459. Sept., 1941.

----- and Furuta, W. J.

Effect of magnesium deficient diets on oral and dental tissues.
1. Changes in the enamel epithelium.
J.A.D.A. 26: 883-891. June, 1939; 1083-1088, July, 1941.

----- and Wainwright, W. W.

Human saliva. XI. The effect of activation on salivary calcium and phosphorus content.
Jl. Dent. Research. 20: 637-648. Dec., 1941.

Human saliva. Fluctuations of calcium and phosphorus content of resting saliva.
Jl. Dent. Research. 20: 627-636. Dec., 1941.

----- Wainwright, W. W. and Young, D. H.

Does salivary calcium and phosphorus composition differ significantly in caries-free and caries-active individuals?
Jl. Dent. Research. 20: 171-188. June, 1941

Becks, Hermann.

Dangerous effects of Vitamin D over-dosage on dental and parodontal structures.
J.A.D.A. 29: 1947-1968. Nov., 1942.

Salivary and bacteriological considerations in the control of dental caries.
Jl. Amer. Coll. Dentists. 9: 184-190. June, 1942.

----- Collins, R. O., and Jensen, A. L.

Studies of caries-free individuals 11. Is an optimum diet or a reduced carbohydrate intake required to arrest dental caries?
J. A. D. A. 29: 1169-1178. July, 1942.

Becks, H. and Cowden, R. C.

Root resorptions and their relation to pathologic bone formation.
Part II. Classification, degrees, prognosis and frequency.
Amer. Jl. Orth. & Oral Surg. 28: 513-526. Aug., 1942.

----- and Furuta, W. J.

Effect of magnesium-deficient diets on oral and dental structures.
III. Changes in the dentine and pulp tissue.
Amer. Jl. Orth. & Oral Surg. 28: 1-14. Jan., 1942.

----- Jensen, A. L. and Millarr, C. B.

Rampant dental caries: Prevention and prognosis.
J.A.D.A. 31: 1189-1200. Sept., 1944.

----- and Kurth, Leroy.

Win awards in essay contest.
Fort. Rev. Chic. D. Soc. 3: 7. Mar. 1, 1942.

----- and Morgan, Agnes Fay.

Effect of deficiencies of the filtrate fraction of the Vitamin B
complex and of Nicotinic acid on teeth and oral structures.
Jl. Period. 13: 18-30. Jan., 1942.

----- and Wainwright, W. W.

Human saliva: XII. Effect of flavoured activators on salivary
flow and calcium and phosphorus composition.
Jl. Dent. Research. 21: 87-97. Feb., 1942.

Human saliva. XIII. Rate of flow of resting saliva of healthy
individuals.

Jl. Dent. Research. 22: 391-396. Oct., 1943.

----- Wainwright, W. W., and Morgan, Agnes Fay.

Comparative study of oral changes in dogs due to deficiencies of
pantothenic acid, nicotinic acid, and unknowns of the Vitamin
B complex.
Amer. Soc. of Orth. Tr., 1942: 173-197; Amer. Jl. Orth.
& Oral Surg. 29: 183-207. April, 1943.

----- Wainwright, W. W., and Young, D. H.

Further studies of the calcium and phosphorus content of resting
and activated saliva of caries-free and caries-active individuals.
Jl. Dent. Research. 22: 139-146. April, 1943.

----- and Grimm, D. H.

Comparative roentgenographic and histologic study of human mandibles.
Amer. Jl. Orth & Oral Surg. Sec. Oral Surg. 31: 383-406,
July, 1945.

----- Collins, D. A., and Axelrod, Helen E.

Effects of a single massive dose of Vitamin D₂ (D-Stoss therapy)
on oral and other tissues of dogs.
Amer. Jl. Orth. & Oral Surg. 32: 452-462. Aug., 1946.

----- Collins, D. A. and Freytag, Ruth M.

Changes in oral structures of the dog persisting after chronic
overdoses of Vitamin D.
Amer. Jl. Orth & Oral Surg, 32: 463-471. Sept., 1946.

Becks, Hermann, Collins, D. A., Simpson, Miriam E. and Evans, H. M.

Growth and transformation of the mandibular joint in the rat.

I. Normal female rats. II. Hypophysectomized female rats.

III. Effect of growth hormone and thyroxin injections in hypophysectomized female rats.

Amer. Jl. Orth. & Oral Surg. 32: 431-451. Aug., 1946.

----- and Wainwright, W. W.

Human saliva, XVI. Relationship of total calcium to inorganic phosphorus of resting saliva.

Jl. Dent. Research. 25: 267-274. Aug., 1946.

----- Human saliva, XVII. Relationship of total calcium and inorganic phosphorus to rate of flow of resting saliva.

Jl. Dent. Research. 25: 275-283. Aug., 1946.

Human saliva, XVIII. Is there a seasonal influence on rate of flow and calcium and phosphorus content of resting saliva.

Jl. Dent. Research. 25: 285-291. Aug., 1946.