

Curriculum Vitae

NAME: Claes H. Dohlman, MD.,PhD.

EDUCATION:

“Studentexamen,” Lund, Sweden

1950 “Medicine Licentiat” (MD) University of Lund, Sweden

1957 “Medicine Doktor” (PhD) and “Docent,” University
of Lund, Sweden

POSTDOCTORAL TRAINING AND FELLOWSHIPS:

1950 – 1951	Resident in Ophthalmology, University of Lund, Sweden
1952 – 1953	Research Fellow in Ophthalmology, Johns Hopkins Hospital, Baltimore, MD
1953 (3 months)	Research Fellow, Stanford University Hospital, San Francisco
1953 – 1954	Research Fellow, Retina Foundation, Boston, MA
1954 – 1958	Staff, Department of Ophthalmology, University of Lund, Sweden
1956	Research Fellow, Department of Biochemistry, Karolinska Institute, Stockholm, Sweden
1958 (3 months)	Visiting Ophthalmologist, Eduard Herriot Hospital, Lyon, France
1958 – 1963	Fellow in Ophthalmology, Massachusetts Eye and Ear Infirmary, Boston, MA
1958 – 1962	Research Associate, Retina Foundation, Boston,MA

LICENSURE AND CERTIFICATION:

1963	Massachusetts License Registration No. 27733
1969	American Board of Ophthalmology

ACADEMIC APPOINTMENTS:

1961 – 1967 Instructor in Ophthalmology, Harvard Medical School
1967 – 1968 Clinical Associate in Ophthalmology, Harvard Medical School
1968 – 1969 Assistant Professor of Ophthalmology, Harvard Medical School
1969 – 1973 Associate Professor of Ophthalmology, Harvard Medical School
1974 - Professor of Ophthalmology, Harvard Medical School
1974 – 1989 Chairman, Department of Ophthalmology, Harvard Medical School
1974 – 1989 Director, Howe Laboratory of Ophthalmology, Harvard Medical School

HOSPITAL APPOINTMENTS:

1963 – 1966 Assistant in Ophthalmology, Massachusetts Eye & Ear
1964 – 1974 Director, Cornea Service
1966 – 1972 Assistant Surgeon
1972 - Surgeon
1974 – 1989 Chief of Ophthalmology

OTHER MAJOR ACADEMIC AND PROFESSIONAL POSITIONS:

1961 – 1966 Director, Boston Eye Bank, Boston, MA
1962 – 1975 Director, Department of Cornea Research, Eye Research Institute of Retina foundation, Boston, MA
1968 (6 months) Sabbatical leave at Foundation Rothschild, Paris, France
1970 – 1975 Vice President, Eye Research Institute of Retina Foundation, Boston, MA
1972 – 1978 Senior Scientist, Eye Research Institute of Retina Foundation, Boston, MA
1978 - Adjunct Senior Scientist, Eye Research Institute of Retina Foundation, Boston, MA

MILITARY SERVICE:

Lt. Commander, Swedish Navy

MAJOR AWARDS AND HONORS:

1966 New England Ophthalmological Society Award
Order of Vasa (Sweden)
American Academy of Ophthalmology Award
1971 Friedenwald Award for Research in Ophthalmology
1972 Bjerrum Award (Denmark)
1973 Honorary Member, Swedish Ophthalmological Society
1973 MA (Hon), Harvard University
Rendahl Award (Sweden)
1981 Castroviejo Medal
1984 Residents Teacher of the Year Award – Massachusetts
Eye
and Ear Infirmary
Senior Honor Award, American Academy of Ophthalmology
1986 Townley Paton Award
Man of Vision Award - Mass. Society to Prevent Blindness
Swedish Ophthalmological Society Award
Behrens Medal
“Festschrift in Honor of Claes Dohlman” – issue of Acta
Ophthalmologica Supplement 192, Volume 67
“Dohlman Festschrift” – meeting of the New England
Ophthalmological Society
1994 Residents Teacher of the Year Award – Massachusetts
Eye
and Ear Infirmary
1995 Man of Vision Award – Boston Aid to the Blind
1998 Residents Teacher of the Year Award – Massachusetts
Eye
and Ear Infirmary
Johns Hopkins University Scholar
Royal Physiographic Society, Lund, Sweden
Distinguished Service Award, given as the sole recipient at the 175th Anniversary
of the Massachusetts Eye and Ear
Honoree (together with Dr. Schepens) at the 50th
Anniversary of the Schepens Eye Research Institute

MAJOR COMMITTEE ASSIGNMENTS:

National and Regional

Advisory Council, Contact Lens Association of
Ophthalmologists

1969 – 1970 Neurology Program-Project B Committee, National Eye
Institute
1970 - Medical Advisory Committee, Massachusetts Society for
Prevention of Blindness
1970 – 1974 Special Consultant, Extramural Research Program,

	National Eye Institute
1974 – 1978	Vision Research Program Committee, National Eye Institute
1974	Member of the Corporation, Boston Biomedical Research Institute, Boston, MA
1975 – 1979	Board of Trustees, Association for Research in Vision and Ophthalmology
	Vice President, Association for Research in Vision and Ophthalmology
1976 – 1989	Board of Directors, The Heed Ophthalmic Foundation
1977 – 1982	Associate Examiner, American Board of Ophthalmology
1978 – 1980	Ad Hoc Review Group Consultant, National Eye Institute (Intermittent)
1979 – 1982	Chairman, American Society of Contemporary Ophthalmology
	Trustee, Massachusetts Eye and Ear Infirmary
1995 - 1999	Awards Committee, Association for Research in Vision and Ophthalmology

Hospital

1972 – 1989	Board of Surgeons
1974 – 1989	Executive Committee, Board of Managers

EDITORIAL APPOINTMENTS:

1970 – 1983	Annals of Ophthalmology
1970	Archives d'Ophthalmologie, Paris
1972 – 1973	Archives of Ophthalmology
1974 – 1983	American Journal of Ophthalmology
1981 – 1983	Journal of Ocular Surgery

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

1967 -	Association for Research in Vision and Ophthalmology
1970 – 1983	American Society of Contemporary Ophthalmology
1970 -	American Academy of Ophthalmology
1970 -	International Eye Foundation Society of Eye Physicians
1970 -	New England Ophthalmological Society
1970 -	Pan American Association of Ophthalmology
1974 – 1989	Association of University Professors of Ophthalmology
1975 -	American Medical Association
1975 -	Massachusetts Medical Society
1975 -	Massachusetts Ophthalmological Society
1975 -	Castroviejo Society
1981 -	International Society for Eye Research

MAJOR RESEARCH INTERESTS:

Corneal Diseases and Corneal Physiology

TEACHING EXPERIENCE:

- 1963 – present Instructor of Residents and Fellows, Massachusetts Eye and Ear Infirmary, Boston, MA
- 1963 – present Major responsibility for the training of approximately 180 fellows in corneal and external diseases, and corneal research (30 of whom are, or have been, Department Chairmen, additionally more than 20 are Full Professors)
- 1964 – present Lecturer at the American Academy of Ophthalmology Annual Meeting
- 1967 – 1985 Lecturer at the Lancaster Course in Ophthalmology, Colby College, Waterville, ME
- 1967 – 1982 Lecturer at the Harvard Basic Science Course, Harvard Medical School, Boston, MA
- 1969 – present Guest lecturer at various national and international institutions

SPECIAL LECTURESHIPS:

- 1971 Dr. Jonas S. Friedenwald Lecture, Sarasota, FL.
- 1971 Bjerrum Lecture, Copenhagen, Denmark
- Proctor Lecture, Proctor Fdn., San Francisco, CA.
- 1977 Barlow Memorial Lecture, Wilmer Institute, Baltimore, MD
- 1978 Waldert Memorial Lecture, Univ. of Rochester, Rochester, NY.
- 1979 Townes Memorial Lecture, Univ. of Louisville, Louisville, KY.
- 1982 McCullough Memorial Lecture, Univ. of Texas, Galveston TX
- 1983 Calhoun Lecture, Atlanta, GA
- 1983 Bedell Memorial Lecture, Wills Eye Hospital, Philadelphia, PA
- 1984 Lorand Johnson Lecture, Cleveland, OH.
- 1987 McLean Lecture, Washington, DC.
- 1987 Thorpe Lecture, Pittsburgh, PA
- 1987 The Ernest Bodenheimer Lecture, Wilmer Institute, Baltimore, MD
- 1988 Behrens Lecturer, Las Vegas, NV
- 1988 Stillerman Lecture, Univ. of Chicago, Chicago, IL
- 1990 Wadsworth Lecture, Duke University, Durham, NC
- Seymour Gostin, M.D. Lecturer, Univ. of Texas, Dallas, TX
- 1993 Tabor Lecture, San Diego, CA
- 1999 James E. McDonald Lecturer, Loyola University, Chicago, IL
- George Kambara, M.D., Lecturer, University of Tennessee, Memphis, TN

Distinguished Service Award, American Society of Contemporary Ophthalmology
Guest of Honor, Nordic Congress of Ophthalmology, Oslo
Guest of Honor, Annual Meeting of the Swedish Ophthalmological Society, 1998
Invited main speaker, Annual Meeting of the Japanese Ophthalmological Society, Osaka
Guest of Honor, at the 100th Anniversary of the Japanese Ophthalmological Society, Kyoto 1996
"Claes H. Dohlman Cornea Research Lecture," given semiannually at Schepens Eye Research Institute since 1985
"Claes H. Dohlman Professorship in Ophthalmology" – endowed chair established at Harvard Medical School by the Dean, 1987
"Claes H. Dohlman Visiting Professor" – annual lectureship at Massachusetts Eye and Ear Infirmary and Harvard Medical School since 1991
"Claes H. Dohlman Scholar" – endowed position established at Schepens Eye Research Institute 2000

VISITING PROFESSORSHIPS:

1958 Invited to World Health Organization Symposium, Knokke
Visiting Professor, Beirut, Lebanon
1972 Invited to Ciba Symposium, London
1985 Visiting Professor, Riyadh, Saudi Arabia
1987 Visiting Professor, Hyderabad, India
 Visiting Professor, Bogota, Colombia
 Visiting Professor, Herrman Hospital, Univ. Texas
 Visiting Professor, Caracas, Venezuela
 Visiting Professor, Catholic University, Seoul, Korea
Visiting Professor, University of Texas, San Antonio
Visiting Professor, University of Toronto, Toronto, Canada
1993 Visiting Professor in China (Shanghai, Beijing, Zhengzhou, Guilin)
Visiting Professor, Wilford Hall, USAF Medical Center, San Antonio, TX
 Visiting Professor, Tallinn, 1995?
Visiting Professor, Greek Ophthalmological Society 197 , 198 , 1998
 Invited Lecturer, Deutsche Ophthalmologische Gesellschaft, Marburg 19

RECENT PUBLICATIONS

194. Posterior subcapsular cataracts induced by topical corticosteroids following keratoplasty for keratoconus (Donshik-Cavanagh-Boruchoff-Dohlman). *Annals of Ophthalmol.* 12:20-32, 1981.
195. Iridoplasty for prevention of post-keratoplasty angle closure and glaucoma (Cohen-Kenyon-Dohlman). *Ophthalmic Surg.* 13(12):994-996, Dec. 1982.
196. Physiology of the cornea: Corneal Edema (Dohlman). In: *The Cornea Scientific Foundation and Clinical Practice.* Smolin, G. and Thoft, R. (eds.), Boston, Little, Brown and Co., p. 3-17, 1983.
197. Biology of complication following keratoprosthesis (Dohlman) *Cornea* 2(3):175-176, 1983.
198. Idoxuridine-induced conjunctival cicatrization. (Lass-Thoft- Dohlman). *Arch Ophthalmol* 101:747-750, 1983.
199. Morphologic characteristics of posterior polymorphous dystrophy. A study of nine corneas and review of the literature (Henriquez-Kenyon-Dohlman-Boruchoff-Forstot-Meyer-Hanninen). *Survey of Ophthalmol* 29(2):139-147, 1984.
200. Treatment of superior limbic keratoconjunctivitis by thermocauterization of the superior bulbar conjunctiva. (Udell-Kenyon-Sawa-Dohlman). *Ophthalmology*, Feb. 93(2):162-166, 1986.
201. Dry Eyes - Aspects of pathophysiology. (Dohlman). *Fortschr Ophthalmol* 84:443-445, 1987.
202. Paraproteinemic Crystalline Keratopathy (Omerod-Collin-Dohlman- Craft-Desforges-Albert). *Ophthalmology*, 95(2):202-211, 1988.
203. Factors Influencing Predilection and Outcome in Bacterial Keratitis (Gudmundsson- Omerod-Kenyon, et al.) *Cornea* 8(2):115-121, 1989.
204. Epithelial downgrowth-fistula repair and keratoplasty. (Anseth-Dohlman-Albert) *Refractive & Corneal Surgery* 7:1, 1991
205. Postoperative Regimen and Repair of Complications after Keratoprosthesis Surgery (Dohlman) *Refractive and Corneal Surgery* Vol. 9, 198, 1993.

206. Overview. In Principles and Practice of Ophthalmology, Albert, D, Jakobiec, F. (eds.) Philadelphia: WB Saunders, Vol 1, Chpt.1, p 3, 1994.
207. Corneal edema. In: Principles and Practice of Ophthalmology, Albert, D, Jakobiec, F. (eds.) Philadelphia: WB Saunders, Vol. 1, Chpt. 13 p.245, 1994.
208. Keratoprotheses. In: Principles and Practice of Ophthalmology, Albert, D, Jakobiec, F. (eds.) Philadelphia: WB Saunders, Vol. 1, Chpt. 19,p.338, 1994.
209. Some Factors Influencing Outcome After Keratoprosthesis Surgery. (Dohlman-Doane). Cornea 13 (3): 214, 1994.
210. The role of steroids in the management of Acanthamoeba keratitis, fungal keratitis and epidemic keratoconjunctivitis. (Pineda-Dohlman). In: Int. Ophthal. Clinics Vol 34 (3), 1994. Little Brown & Co. Boston Vol. 34, No. 3, 1994.
211. Keratoprosthesis in the end-stage dry eye. (Dohlman- Doane). In: Lacrimal Gland, Tear Film and Dry Eye Syndromes: Basic Science and Clinical Relevance Sullivan, D.(ed) Advances in Experimental Medicine and Biology, Vol 350, Plenum Press, New York 1994
212. Fabrication of a keratoprosthesis. (Doane- Dohlman- Bearse). Cornea 15 (2): 179-184, 1996
213. Vernal Conjunctivitis. (Colby - Dohlman). In: International Ophthalmology Clinics. Noninfectious Inflammatory Disorders of the Eye and Adnexa, Jakobiec, F. (ed) Little, Brown & Co., Boston, Vol. 36 No.1, 1996
214. Adjunctive therapy and surgical consideration in the management of bacterial ulcerative keratitis. (Pineda- Dohlman) Int. Ophthal. Clin., Vol. 36 #3, p.37-48,1996
215. Keratoprosthesis. (Dohlman-Waller- Netland). In: Lindquist, T. and Lindstrom, R (eds) Ophthalmic Surgery Update #4, Mosby-Year Book,Inc., Chicago, V-L-0-24, 1996,
216. The management of severe ocular surface disease. (Dohlman-Terada). The First International Symposium of Ophthalmology. Japanese Ophthalmological Society, May 15-18, 1996. S 19-08, p. 311-314

217. 19 year old man with a "corneal abrasion." (Shiuey- Colby- Dohlman). Digital Journal of Ophthalmology, MEEI, 1997
218. Surgical rehabilitation of end-stage ocular cicatricial pemphigoid with the Dohlman-Doane keratoprosthesis. (Teichmann-Wagoner-Al-Rahji- Badr-Netland- Dohlman). XIth Congress of the European Society of Ophthalmology, Budapest, June, 1997,p.259-262.
219. Keratoprosthesis. (Dohlman). In: Cornea. Krachmer, J. Mannis, M, Holland, E (eds). Mosby Year-Book, Vol.III, 1997, p.1855- 1863
220. Keratoprosthesis in Pemphigoid and Stevens-Johnson Syndrome. (Dohlman- Terada) In: Lacrimal Gland, Tear Film and Dry Eye Syndromes II. Basic Science and Clinical Relevance. Sullivan, D. (ed). Advances in Exp. Med. Biol. Plenum Publishing Vol.438, Chpt.148 p.1021-1025, 1998
221. Overview. (Dohlman) In: Principles and Practice of Ophthalmology 2nd edition. Albert, D., Jakobiec, F. (eds), Philadelphia, WB Saunders. Vol. 2, p. 611, 1999
222. Corneal Edema. (Dohlman-Klyce). In: Principles and Practice of Ophthalmology, 2nd edition . Albert, D. and Jakobiec, F. (eds), Philadelphia, WB Saunders. Vol. 2, p. 646, 1999
223. Keratoprosthesis. (Dohlman- Power). In: Principles and Practice of Ophthalmology. 2nd edition. Albert, D., Jakobiec, F. (eds), Philadelphia, WB Saunders. Vol. 2, p. 1069, 1999
224. Keratoprosthesis. (Abad-Dohlman). In: Ophthalmic Surgery. Principles and Practice. 3rd edition. Spaeth, G (ed), WB Saunders, Philadelphia. In press
225. Glaucoma associated with Keratoprosthesis. (Netland-Terada-Dohlman). Ophthalmology, Vol. 105 #4, p751-757, April 1998
226. Keratoprosthesis: Preoperative prognostic categories. (Yaghouti-Nouri-Al-Merjan J, Power W, Doane M, Dohlman CH). In press
227. Innovations in keratoprosthesis: proved and unproved. (Yaghouti-Dohlman). Int. Ophthal. Clin. Vol. 39# 1, p.27, 1999
228. Experience with a keratoprosthesis. (Dohlman- Netland- Fung). An Inst Barraquer. Vol. 28 (Suppl) p. 105-108, 1999.

229. Can an eye in phthisis be rehabilitated? A case of improved vision with one year follow-up. (Dohlman-D'Amico). Arch Ophthalmol. Vol. 117, No. 1, p. 123-124, January 1999
230. Keratoprosthesis surgery - Techniques. (Dohlman-Waller). In: Corneal Surgery: Theory, Technique and Tissue. 3rd edition. Brightbill, F. (ed). Mosby-Year Book Chpt. 67B, p.541-549, 1999
231. Pellier de Quengsy and his keratoprosthesis. (Dohlman). In: Corneal Transplantation. Mannis MJ (ed). In press
232. Davis E, Dohlman CH: Neuroparalytic keratitis. Int Ophthalmol Clin, in press
233. Mannis MJ, Dohlman CH: The artificial cornea: A brief history. In: Corneal Transplantation, A History in Profiles. Mannis MJ (ed). Vol. 6, p. 321, 1999
234. Al-Merjan J, Sadeq N, Dohlman CH: Temporary tissue coverage in keratoprosthesis. Mid-East J Ophthalmol, Vol. 8 #1, p. 12, May 2000
235. Merchant A, Zacks CM, Wilhelmus K, Durand M, Dohlman CH: Candida endophthalmitis following keratoplasty. Cornea. In press
236. Dohlman CH: Outcome after keratoprosthesis surgery: Toward common definitions. Ann Inst Barraquer, In press
237. Afshari N, Mullally J, Afshari MA, Steinert RF, Adamis AP, Azar DT, Talamo JH, Dohlman CH, Dryja TP: Survey of patients with granular, lattice, Avellino and Reis-Bucklers corneal dystrophies for mutations in the BIGH3 (TGFB1) and gelsolin genes. Arch Ophthalmol In press

**PAPERS/POSTERS PRESENTED
AT NATIONAL AND INTERNATIONAL MEETINGS**

- 1995 - What is important and what is not in keratoprosthesis research. presented at the KPro Study Group, Rome, 1995
- 1996 - Introduction to Corneal Surgery/High Risk Keratoplasty/Keratoprosthesis. New York Clinical Science course for Ophthalmology, Manhattan Eye, Ear & Throat Hospital, January, 1996
- Skin and Eye, a neglected correlation. High-risk keratoplasty Management of Severe Ocular Surface Disease, Maryland Society of Eye Physicians and Surgeons, Baltimore, MD, March, 1996

Update on management of some corneal surface diseases, New England Ophthalmological Society, April, 1996

Keratoprosthesis Update, World Cornea Congress, Orlando, FL, April, 1996

Management of Severe Ocular Disease, Centenary of the Japanese Ophthalmological Society, May, 1996