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MEDICAL BULLETIN

UNIVERSITY OF *Minnesota*



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Alumni Survey



THE CLASS OF 1934

A glow of quiet satisfaction is evident between the lines of these reports from the Class of 1934, now thirty years out of Medical School. Some of these physicians are already basking in retirement; some are nearing it; others are going strong into their fourth decade of medical practice. A few have spent 30 years in the same location.

The MEDICAL BULLETIN located 114 of the original 132 members of the Class of 1934. Sixteen others are deceased. Thirty-seven have devoted their careers to general practice. Twelve have spent all or part of their careers with the V.A.

While their grandchildren are prominently mentioned by these "golden agers," (as one of them put it), the honors for largest immediate family are accorded to Dr. John G. Lohmann, Pipestone, Minn. He and Mrs. Lohmann are parents of nine children.

The reports:

Marvin E. Adams is deceased.

Galen H. Adkins is medical director of the Cambridge, Minn. State School and Hospital. His wife is Ethel Rick of Backus, Minn., and they have six children. Galen enjoys painting in his leisure time.

Herrick J. Aldrich^{*} practices internal medicine alone in Sheridan, Wyo. He studied at the Universities of Toronto and Edinburgh and married Floris Anderson, an R.N. They have two sons. Herrick is chairman of the Whedon Cancer Foundation (doing cooperative research with the University of California), and consultant at the local V.A. hospital. A contributor to medical literature, he is past president of the county medical society and hospital staff.

Edward M. Anderson practices radiology with the Gundersen Clinic in La Crosse, Wis. He served in England and Belgium during World War II, and is married to Mabel Gilland, a Minnesotan. They have three children and two grandchildren and live at 2141 Valley Rd. in La Crosse.

^{*}Member, Minnesota Medical Foundation



Gordon A. Anderson and Family

Gordon A. Anderson[°] has been in general practice with the Deer Lodge, Mont. Clinic for 28 years. He married Bertha Dolan, an R.N., of Great Falls, Mont., and they have three children. They live at 835 Milwaukee Ave. in Deer Lodge. Gordon enjoys hunting, fishing, coin collecting and boating.

Reuben E. Anderson is deceased.

Jere W. Annis[°] has been an internist for 26 years with the Watson Clinic in Lakeland, Fla. He was a Mayo Foundation fellow and served in the Army. Jere's wife is Margaret Tinkham of Ia. and they have four children. Jere is past president of the Florida State Medical Association, and the Florida Heart Association.

Frederick P. Army[°] is in a general practice partnership in St. Paul with Dr. Donald Severson. He served in the Air Force and married Donna Clifton of St. Paul. A son, Fred, (Med. '62) is an internist in the Air Force, and another son, Peter, will graduate in June from the Medical School. Fred comments that his hobbies are "my three grandchildren." The Arnys live at 1453 Hythe in St. Paul.

Russell L. Baker[°] is a radiologist with the Christie Clinic in Champaign, Ill. He completed his residency at the University of Wisconsin in 1955, after 17 years in general practice. His wife is the former Helen McLeod of Litchfield, Minn., and they have four children; their oldest son recently received his Ph.D. in zoology. The Bakers live at 706 Fairway Dr. in Champaign.

John C. Barton is deceased.

[°]Member, Minnesota Medical Foundation

THE MEDICAL BULLETIN

Frederic T. Becker has been a dermatologist at the Duluth, Minn. Clinic since 1938. He earned his M.S. in dermatology from the Medical School, where he is also a clinical assistant professor. During military service he was stationed at several general hospitals. Fred married Christine Dynes of Mich. They have a son and one grandchild. Fred enjoys teaching, hunting, fishing and golf, and has published 30 research papers. The Beckers live at 16 S. 36th Ave. E. in Duluth.

James A. Blake^{*} is in general practice with his brother, Allan in Hopkins, Minn., an association of 28 years. He served in the Army and married Ruth Hanford of Duluth, Minn. Jim is active in NUHOPE and other medical organizations. The Blakes and their four sons live at 4415 Fairview in Hopkins.

Kenneth E. Bray^{*} is chief of the Department of Anesthesia at the New Orleans, La. V.A. Hospital, and a clinical assistant professor at L.S.U. School of Medicine. He is a Fellow of the American College of Anesthesiology and was inducted into the American College of Chest Physicians at the Seventh International Congress on Diseases of the Chest in New Delhi, India by John F. Briggs (Med. '28) of St. Paul, then president of the College. Ken's wife is Florence Little of Park Rapids, Minn. He is active in the Air Force Reserve, and plans to retire in Lafayette, La. Their address is 1688 Gravier in New Orleans.

Reuben D. Chier is a general surgeon in private practice in Beverly Hills, Calif., and is affiliated with the Cedars-Sinai hospitals teaching programs. Reuben served in World War II in China, Burma and India, and married Florence Freidman, a Minnesota graduate. A son, Jim, 24, is a senior at the U.S.C.



Jere W. Annis



Frederick P. Army



Frederic T. Becker

^{*}Member, Minnesota Medical Foundation



Kenneth E. Bray



George F. Ellinger



Clifford O. Erickson

medical school. The Chiers live at 812 No. Camden Dr. in Beverly Hills.

Walter D. Coddon* is chief of pulmonary disease outpatient service at the Minneapolis V.A. Hospital, where he has been for 18 years. He served as a flight surgeon with the Army Air Corps in the U.S. and Europe during World War II. Walt lives at 945 St. Paul Ave. in St. Paul.

Bernard A. Cohen is in general practice alone in Minneapolis. He married Bernice Shalett, a U. of M. graduate, and they have three children; Carol, a magna cum laude graduate of the University, will graduate from Southwestern Medical School, Texas, this year. The Cohens live at 4000 Beard Ave. S. in Minneapolis.

Charles C. Cooper* practices general medicine and psychiatry at the Moose Lake, Minn. State Hospital, where he came a year ago. He is married to Edith Miller of Maryland, and they live at the Hospital.

Ralph M. Dahlquist practices general medicine in Decorah, Ia.

Thomas J. Doyle* has an EENT practice in Superior, Wis., where he has been located since 1936. He married Mary Alice O'Leary of Wis., and they have four children. Their oldest, Tom, Jr., is a sophomore at Marquette University Medical School.

Robert W. DuPriest is deceased.

George F. Ellinger took a new post recently as chief physician at the Montebello State Hospital for Rehabilitation and Chronic Diseases in Baltimore, Md., and teaches at the University of Maryland School of Medicine. George spent 24 years with the USPHS, much of it in Hawaii, until his retirement in

*Member, Minnesota Medical Foundation

1964. He and his wife, Norma Case of Owatonna, Minn. have a daughter, Lani Rae, age 21. They live at 14 W. Cold Spring La., Baltimore.

Alvin Erickson^o has practiced general medicine with the Long Prairie, Minn. Clinic since 1946. He saw Army duty in the South Pacific and married Marion Piltingsrud of N.D. Their daughter, Karen, 25, is a nursing graduate of St. Olaf College and married Allen V. Bergh (Med. '63), now serving with the Army Medical Corps in Germany. The Ericksons live at 110 8th St. S.E. in Long Prairie.

Clifford O. Erickson^o is a psychiatrist with the Minneapolis Clinic of Psychiatry and Neurology. He is an associate clinical professor at the Medical School and past president of the Minnesota State Psychiatric Society. Cliff served in the Army and married Bernice House of Two Harbors, Minn. They have two children. Cliff says he enjoys a busy and satisfying practice but hopes to find more time for travel and golf in the future. The Erickson home is at 7034 Lake Shore Dr. in Minneapolis.

Harry L. Falk^o has operated the Falk Clinic and Emergency Center in San Marino, Calif. for 20 years. He married Betty Danziger, a lawyer, and they have three children. Harry writes, "Betty and I have traveled in Europe, the South Pacific and the Orient." He is currently president of the El Monte Rotary Club and enjoys fishing, photography, and their Lake Arrowhead mountain home. The Falks live at 1152 Adair St. in San Marino.

John E. Flynn^o has been in general practice with the Everett, Wash. Clinic for 29 years. He served in the Army in the Pacific and is married to Alice Moriarity of Wis. John is senior member in his clinic, and likes golf and power boating. The Flynn's have two daughters and live at 1815 Grand Ave. in Everett.

Wallace L. Fritz practices in St. Paul, Minn., at 624 University Ave.

Richard J. Fuchlow is deceased.

Paul J. Gans is in general practice in the Doctors' Building in Lewistown, Mont., where he has been since 1937. He served in the Air Force in England and married C. Isabel Brown, a Montanan. They have five children and live at 406 4th Ave. So. in Lewistown.

Carl N. Giere is in an internal medicine partnership in Sacramento, Calif., where he has practiced 20 years. He took his train-

^oMember, Minnesota Medical Foundation

ing at the University of Chicago and London, and spent a period in the military. Carl's wife is Helen Butler of N.Y., and they have five children. The Gieres live at 4515 Mead Ave. in Sacramento.

Irving J. Glassberg is deceased.

Moe Goldstein* has spent 26 years in private practice in Forest Hills, N.Y. He received his M.S. in pediatrics from the Mayo Foundation and teaches at the New York State School of Medicine. Moe served in the Army and makes his home at 10826 66th Rd. with his wife, Muriel, and son, Gordon. He is a past president of the Queens Pediatric Society and of the medical staff of Booth Memorial Hospital. Moe writes, "I live a stone's throw from the N.Y. World's Fair and would welcome hearing from any of the class who visits."

A. Margaret Grandy Bailey has been a psychiatrist at the Minneapolis V.A. Hospital for 15 years. She is a diplomate of the American Board of Psychiatry. Margaret has three children and lives at 231 West 52nd St. in Minneapolis.

M. Stuart Grove is in group surgery practice, in Sioux Falls, S.D. He married Marion Burnett of Fargo, N.D., and they have three daughters. Stu's hobby is wildlife photography and he writes, "My practice is limited from late September until mid-December because of time afield hunting grouse, pheasants, ducks and geese." The Groves live at 17 Riverview Heights.

Vigo Guardalabene is in general practice in Milwaukee, Wis. His address is 238 W. Wisconsin Ave.

Miles J. Gullickson is in a four-man surgery partnership in Rockford, Ill., where he has spent 15 years. He served in the Army and married Pauline Silas of Mich. They have two children and live at 1927 Boscobel in Rockford.

Frederick C. Gunlaugson is with the Health Department of the City of Minneapolis, and is married to classmate Eleanor Iverson. They live at 121 W. Elmwood Pl., Minneapolis.

Frederick C. Hadden* is in solo obstetrics-gynecology practice in Natick, Mass., where he has practiced 27 years. He was a captain in the Army and married Agnes Carlyle of Boston. They have five children, two in college. Fred writes, "My Dad (a former Boy Scout executive in Minneapolis and Duluth) will be 90 this year. We attended the 25th reunion; when is the next one?"

*Member, Minnesota Medical Foundation



Frederick C. Hadden



Olaf M. Heiberg



Harriet D. James

Wayne S. Hagen^o practices internal medicine alone in Minneapolis and teaches at the Swedish and Methodist Hospital schools of nursing. He holds the rank of colonel in the Medical Corps Reserve. Wayne married Elfie Erickson of Forest Lake, Minn. and they have two children: John, 24, is a postgraduate student at Stanford; and Catherine, 21, attends the University. The Hagens enjoy their summer cabin, including water sports, fishing, bowling, golf and hiking. They live at 4521 Garfield Ave. So. in Minneapolis.

Robert H. Hamilton is professor and chairman of the Department of Biochemistry at Temple University School of Medicine. He received his Ph.D. from the U. of M. in 1933 and has been teaching for 29 years. Bob's wife is the former Angie Stiles, an M.D., and Temple graduate. They live at 6900 Wayne Ave. in Philadelphia, Pa.

Harold D. Harlowe has been an EENT specialist since 1937 and is now associated with the Garberson Clinic in Miles City, Mont. He has been a consultant to the V.A. hospital there for 14 years. Harold married Virginia Bingham of Utah. They have three children and live at 108 S. Merriam Ave. in Miles City. Harold enjoys golf, bridge and Canadian fishing.

Robert D. Harper^o has been in general practice in Sidney, Mont. since 1938. His wife is Celestine Hall of Duluth, Minn. and they have six children, including twins, Jeff and Gregory, age 10. Bob raises registered Herefords on a farm he maintains near Motley, Minn.

Victory G. Haury is deceased.

Olaf M. Heiberg^o practices internal medicine with the Worthington, Minn. Clinic, which he has "seen grow from a

^oMember, Minnesota Medical Foundation

seven to twelve-man group." He is a member of the Board of Trustees of the Minnesota Medical Foundation and secretary of the Southwest Minnesota Medical Society, as well as active in other medical organizations. Ole married the former Lois Shaffer, an R.N., and they have two children. He enjoys golf and duck hunting.

Agnese M. Hoeger is serving with the American Lutheran Mission in Finschhafen, New Guinea.

Roy A. Hoffman practices general medicine in Minneapolis. His address is 2802 E. 42nd St.

Donald M. Houston is deceased.

E. Graham Howard is deceased.

Eleanor Iverson Gunlaugson^o is medical director of the Northwestern Hospital Health Service in Minneapolis, and also works part-time in the City Health Department clinics. She married classmate Fred Gunlaugson and they have two daughters. Eleanor is active in Alpha Epsilon Iota, other medical organizations, and is presently editor of the "Gopher Doctor's Wife," and co-chairman of the 1965 Minnesota State Medical Auxiliary.

Douglas L. Jacobs is in general practice in Willmar, Minn.

Harriet D. James^o has an allergy and dermatology practice at the Lahey Clinic in Boston, Mass. She took her training at Columbia-Presbyterian in New York and now teaches at Boston Univ. Harriet enjoys photography, cooking and flower arranging and lives at 1960 Commonwealth Ave. in Brighton, Mass.

Alvin M. Jensen has been in general practice with a partner in the Brownton, Minn. Clinic for almost 30 years. He married Margaret Benson of Center City, Minn. and they have two daughters, both R.N.'s. Al was a councilor of the Minnesota State Medical Association from 1961-64.

Reynold A. Jensen^o is professor and director of the Division of Child Psychiatry at the Medical School. He joined the teaching staff at Minnesota in 1938, and is board certified in both psychiatry and child psychiatry. Reynold married Lillian Hasselmeier of Sleepy Eye, Minn. and they live at 16424 Lake St. Extension, Minnetonka, Minn.

Bourne Jerome^o practices ophthalmology with classmate Karl Sandt and an associate in Minneapolis, and teaches at the Medical School and Hennepin County General Hospital. He married Elizabeth Brumbaugh, a graduate of the University of Illinois Medical School, and they have four children. Bourne

^oMember, Minnesota Medical Foundation

writes, "Betsy practices pediatrics and we both enjoy our teaching assignments. Skiing and archeological sightseeing are gaining in family popularity, while snow shoveling and lawn mowing seem to be losing out." The Jeromes live at 629 Queen Ave. S. in Minneapolis.

Emil W. Johnson practices general medicine and surgery in Minneapolis. His address is 2515 W. 79th St.

Evelyn V. Johnson practices general medicine in Phoenix, Ariz. Her address is 1428 E. Vermont.

Harold C. Johnson has been with the V.A. in San Diego, Calif. for 13 years. His wife is the former Elizabeth Morley of Ohio, and they have three children. Their home is 6116 Dorothy Dr. in San Diego.

Paul A. Johnson writes from Phoenix, Ariz., that he is still "stubbornly solo and stubbornly a general practitioner." He served with the military forces in the South Pacific and came to Phoenix in 1950. Paul's wife is Helen Hountoon of St. Paul and they have two daughters. Their home is at 506 E. Maryland.

Arthur W. Kac^o is a radiologist and chief of X-ray service at the V.A. Outpatient Clinic in Baltimore, Md. He married Jean Kligerman of Baltimore. They have a married daughter and live at 3606 Oak Ave. in Baltimore. Art's hobby is Biblical literature and he has published two books in the field. He is a member of the *Author's and Writer's Who's Who (London)*.

Louis J. Katz is a staff physician with the Long Beach, Calif. V.A. Hospital, and has been with the V.A. since 1941. He married Clara Birnberg of St. Paul, and they live at 2871 Montair Ave. in Long Beach.



Reynold A. Jensen



Arthur W. Kac



William A. Lange

^oMember, Minnesota Medical Foundation

Herschel J. Kaufman is currently completing an NIMH fellowship in child psychiatry at the Central Psychiatric Clinic in Cincinnati, O. Referring to himself as "a golden aged re-tread," Herschel says child psychiatry is a pleasant change from his former pediatrics practice. He married Minnette Lifson of Minneapolis and they have three children. They enjoy "sunshine and travel" and live at 7956 Glen Orchard Dr. in Cincinnati.

Rolland E. Keefe is deceased.

Cathryn M. Knights-Jones is assistant medical director of the American Red Cross Buffalo Regional Blood Program in Buffalo, N.Y. She married Oliver P. Jones, M.D., who received his Ph.D. in anatomy from the U. of M. They have four children and three grandchildren and Cathryn writes, "We are still a very busy, active family." They live at 23 Berkley Pl. in Buffalo.

Raphael J. Koff practices in Los Angeles, Calif. His address is 3160 Waverly Dr.

Oscar Kozberg is assistant superintendent of the Arkansas State Hospital in Little Rock, and assistant clinical professor of psychiatry at the University of Arkansas Medical School. Prior to coming to Arkansas in 1963, he was clinical director of the Moose Lake, Minn. State Hospital for 12 years. Oscar served in the Army and married Mary Burns. They have two sons, both in college. The Kozberg residence is at 4313 W. Markham St. in Little Rock.

Robert H. LaBree is senior surgeon with the Duluth, Minn. Clinic. He has been there 24 years, with time out for Army duty during World War II. Bob's wife is Berne Brown of Hibbing, Minn., a U. of M. graduate. They have a son Robert, Jr. Bob contributes to the medical literature, and won an award from the journal *Angiology*. The LaBrees live at 620 Ridgewood Rd. in Duluth.

William A. Lange^{*} has a plastic and reconstructive surgery practice in Grosse Pointe, Mich., where he has spent 27 years. He served four years on Army duty, and is chief of plastic surgery at Wayne State University College of Medicine. Bill has a son, William H., age 18, and lives at 1041 Cadieux in Grosse Pointe.

Harold J. Lawn practices and teaches neuropsychiatry in Chicago, Ill. and is a diplomate of both the American Neurology and Psychiatry boards. A bachelor, he enjoys swimming, boating, art, bridge, and lives at 1142 So. Michigan Ave. in Chicago.

^{*}Member, Minnesota Medical Foundation

Gerald O. Laxson is a psychiatrist with the V.A. Hospital in Palo Alto, Calif. He has been with the V.A. for 28 years, the last five in Palo Alto, where he also teaches at Stanford University. Gerry's wife is Dorothy Edlen of Ill. They have two children. He enjoys hunting, fishing, and amateur radio. The Laxsons live at 79 Placitas Ave. in Atherton, Calif.

John A. Layne practices internal medicine at the Great Falls, Mont. Clinic. He received his Ph.D. from Minnesota in 1941, and served as a major in the Army. John's wife, Margaret, is from Baltimore, Md. The Laynes have three sons. Another son, Michael, age 17, died last year following an accident. John is chairman of the Board of Governors of the American College of Physicians. His address is 817 4th Ave. N. in Great Falls.

Arthur B. Levant practices general medicine alone in Detroit, Mich. He was a flight surgeon with the Air Force in Panama and South America and married Miriam Saner of S.C. They have two daughters and live at 266 Vendome Court, Grosse Pointe Farms. Art writes, "My wife is my greatest help in the office. She is an R.N. and runs the show. I am interested in local and state medical society politics and committees. My main hobby is curling."

Sam Levi is head of the department of radiology at Singing River Hospital in Pascagoula, Miss. He took his residency in New Orleans, La., and has practiced radiology since 1938. He served in the Army in Italy and Africa and married Myra Moore, a Mississippian. The Levis have two children and live at 1512 Kensington Ave. in Ocean Springs, Miss.

Nolton S. Lieberman practices psychiatry in Reseda, Calif. His address is 6666 Reseda Blvd.

John G. Lohmann^o has practiced general medicine alone for 28 years in Pipestone, Minn. He married Anastasia Hodgson of Fergus Falls, Minn., and they have a family of nine, the largest in the Class of '34. John writes that his practice and family are his main interests but that he enjoys hunting and traveling. He is also active in the Minnesota State Medical Association.

Curt W. Lundquist^o has been an ophthalmologist for 19 years in Owatonna, Minn. He took his residency at the University of Pennsylvania Hospital in Philadelphia, and served in the Army in the Southwest Pacific. Curt married May David of Hibbing, Minn., and they have two children. The family enjoys traveling and lives at 521 Agnes Ave. in Owatonna.

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Joseph S. Lynch has had an ophthalmology practice in Chester, Pa. since 1939. He received his M.S. from Temple University and served in the Air Force and Army. Joe's wife is Madeleine Rice, a 1930 Minnesota graduate, and they have two married children. The Lynch residence is at 97 Dartmouth Ave. in Swarthmore, Pa.

David M. Marcle^{*} is chief of medical service at the Marlin, Tex. V.A. Hospital, and plans to "remain until retirement in 1968." He was a Mayo Fellow in internal medicine, and is active in the U.S. Navy reserve. Dave was in private practice for 19 years in Amarillo, Tex. previously. He has three children and lives at 115 Mistletoe Dr., Marlin.

Marvin J. A. Miller is deceased.

I. L. Mitby has been in general practice for 30 years, the last 14 in Minneapolis. His wife, Pearl Lessard, an R.N., is from Buhl, Minn. They have two children and live at 2505 Humboldt in Minneapolis. Irv is a golf enthusiast in his spare time.

Mancel T. Mitchell^{*} practices obstetrics and gynecology with a group in Minneapolis. He is a clinical professor at the Medical School, where he took his training as a Medical Fellow and is chief of OB-GYN at Hennepin County General Hospital. Mancel served in the Army and married Harriet Waller of Grove City, Minn. They have four boys and Mancel writes, "I am working along trying to get them educated." He served on *Project Hope* in Ecuador in 1963-64. The family enjoys summers at their Gull Lake cottage and lives at 4613 Browndale Ave. in Minneapolis.

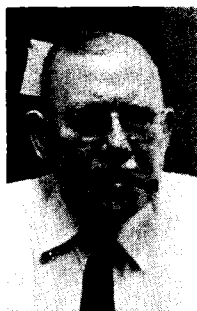
Aaron Modelevsky^{*} has practiced general medicine alone for 22 years in Jonesboro, Ark. He served in the Army and married Peggy Stephens of Jonesboro. They live with their family of six children at 600 Dogwood Lane. Aaron is president of the Civitan Club and active in the Arkansas Association for Retarded Children.

Einer M. Monson^{*} is a general surgeon with the Northport Medical Center in Minneapolis. He took his residency at Minneapolis General Hospital and received his M.S. in general surgery from the Medical School. Einer served in the Army and married Brita Larson of Milwaukee, Wis. They have three children: Phyllis is a high school art teacher; Thomas is a sophomore in the Medical School; and James is a senior at St. Olaf College. They live at 4505 York Ave. N.

^{*}Member, Minnesota Medical Foundation



Hugh O. Morgan



Arthur A. Nelson

Hugh O. Morgan has been in general practice in Amboy, Minn. since 1936. His wife is Lilly May Tenny of S.D. They have two children.

R. R. Moses is deceased.

Archie S. Nissen is a psychiatrist at the V.A. Center, Brentwood Hospital, in Los Angeles, Calif. He is on the U.C.L.A. medical faculty and is certified by the American Board of Psychiatry. Archie served in the Navy and married Dagmar Johnson of St. Peter, Minn. They live at the V.A. Center.

Leo A. Nash is deceased.

Arthur A. Nelson* is chief of the pathology branch of the Division of Pharmacology, Food and Drug Administration, Washington, D. C. Art studied under E. T. Bell and R. D. Lillie at Minnesota before joining the FDA 25 years ago. He received his M.S. and Ph.D. degrees from the Medical School and married Martha Johnston of Virginia. They have two children and two grandchildren. Art received the Distinguished Service Award of the U.S. Department of Health, Education and Welfare in 1961. He writes, "The best award was my wife, in 1938." The Nelsons live at 1714 Corwin Dr. in Silver Spring, Md.

Everett P. Nelson* has been in solo pediatrics practice in Tacoma, Wash. for 20 years. He was with the Navy in the South Pacific, 1942-45, and married Muriel Green of Seattle, Wash. The Nelsons have four children and live at 921 No. "C" in Tacoma.

Harlan F. Nelson is deceased.

Robert S. Nelson* established the gastroenterology service at M.D. Anderson Hospital in Houston, Tex., and is an associate

*Member, Minnesota Medical Foundation

professor at the University of Texas and Baylor University. Bob spent 20 years in the Army Medical Corps, retiring in 1955 to enter private practice, teaching and research. He married Mary Groves, an Iowan, and they have three children and four grandchildren. They live at 5213 Memorial in Houston.

Malvin J. Nydahl* is in an orthopedic surgery partnership with Sheldon M. Lagaard (Med. '43) and David J. Nelson (Med. '45) in Minneapolis. He is a clinical professor in the Medical School, where he received his M.S. in orthopedic surgery, and is chief of the orthopedic surgery service at Hennepin County General Hospital. The former Gopher football player married Audrey Bloomgren of Minneapolis and they have two children. He writes, "I have a wonderful family; still enjoy athletics and go to all the University games and also play golf." The Nydahls live at Rt. 1, Box 385, in Hopkins.

Pierre J. Nyvall* has been in solo general practice in Barnegat, N.J. since graduation, except for four years in the Medical Corps. His wife is Kathryn Van Vorst of that city. The Nyvalls have a daughter Betsy, age 18, and live at 33 E. Bay St. Pierre is past president of the Ocean County Medical Society and of the Paul Kimball Hospital medical staff.



Dr. and Mrs. Nyvall

George H. Olds* has the "biggest glads in any garden" in New Richland, Minn., where he is the only physician. He took time out from his general practice to serve in the Army, and married Myrtle Tabbert of Waseca, Minn., a U. of M. nursing graduate. They have three daughters (two are nurses) and two grandchildren. George enjoys playing the piano and organ and was church choir director for 30 years. He is a gardening enthusiast and active in community activities.

Byron J. Olson is now retired after serving 26 years with the USPHS as medical director and conducting research in infectious diseases. He received his Ph.D. from the U. of M. and taught at Stanford Univ. Medical School. Byron married Eleanor Mann of Minneapolis, and they have three children, including Byron, Jr., who will graduate in June from the U. of M. Medical

*Member, Minnesota Medical Foundation



George H. Olds



Byron J. Olson



Royal C. Payne

School. He writes' "We are enjoying our retirement and operating a prune ranch in Healdsburg, Calif."

Stuart A. Olson^o has practiced general surgery for 30 years in the Glendive, Mont. Medical Center, and has also been a railroad surgeon for the same period. Stu married D'Arlene E. Carrico of that city and they have two sons. He enjoys raising riding and harness racing horses, and traveling. He has been a school trustee for 15 years.

Jane E. Oltman^o practices psychiatry and is chief of professional services of Fairfield Hills Hospital in Newtown, Conn. She teaches at the Yale University Medical School, and is married to Dr. Samuel Friedman of Boston. They have a daughter, Judy, age 14. Their address is Box W in Newtown.

Warren E. Parker^o has practiced general medicine for 29 years, the last 19 in Sebeka, Minn. He married Wiltse Dobbs of Wadena, Minn., and they have six children. Warren enjoys golf, coin collecting and scouting.

Royal C. Payne has practiced general medicine and surgery for 31 years at the Hollywood Sunset Medical Center in Hollywood, Calif. He is a member of the Hollywood Academy of Medicine and the surgical section of the Los Angeles County Medical Association. Golf is his hobby. Royal is married to Mildred O'Bryant of Kansas and they live at 7309 Franklin Ave. in Hollywood.

T. Arthur Pearson has been in solo diagnostic roentgenology practice since 1948 in New York City. He spent 1955-57 in practice in Saudi Arabia with an oil company. He is the proud owner of a Stradivari violin (Spanish-1677), which he plays often. Art lives at 147 E. 47th St. in New York.

^oMember, Minnesota Medical Foundation

Engward L. Penk has been in general practice in Springfield, Minn. since 1937. He married Dorothy Morstad of N.D., and they have six children, including 10 year old twin sons, David and Dean. The three oldest children are U. of M. graduates. Eng lists golf, bridge, hunting and travel as his leisure interests, and "will stay in Springfield."

Donald B. Peterson is superintendent of State Hospital No. 1 in Fulton, Mo., and associate clinical professor of psychiatry at the University of Missouri Medical School. Don retired from the Army in 1956, after 21 years service in various posts. He received the Legion of Merit for duty during the Korean conflict. Don's wife is Catherine Quigley of Minneapolis and they have three children. He writes, "I find my second career in state mental hospitals very fascinating. In my spare time I do a lot of building and fixing at our island place on Rainy Lake, Minn."

Stanley C. Peterson is a radiologist in Austin, Minn.

Theodore Rasmussen^o is professor of neurology and neurosurgery at McGill University in Montreal and director of the Montreal Neurological Institute and Hospital. He was formerly professor of neurosurgery at the University of Chicago. He received his M.S. from the Mayo Foundation in 1939 and served in the Army. Ted's wife, Catherine, is from Nova Scotia, and they have four children. He received the Outstanding Achievement Award from the University of Minnesota in 1958, as well as from the University of Chicago in 1963. The Rasmussens live at 29 Surrey Dr. in Montreal.

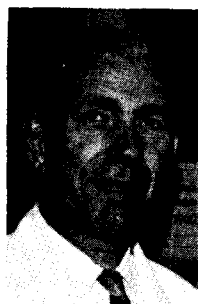
Willis A. Redding^o has been in private ophthalmology practice in Towanda, Pa. for 24 years. He served with the Air Force



Engward L. Penk



Donald B. Peterson



John M. Rumball

^oMember, Minnesota Medical Foundation



Karl E. Sandt



Frederick L. Schade



Sidney S. Scherling

and married Helen Vail of Granite Falls, Minn. They have two children; a son, David, is in dental school at the University of Pittsburgh. Willis writes, "I have a happy and healthy family and a very active practice. Hope to retire some day."

Henry J. Roemer practices general medicine with a group in Winona, Minn., an association of 29 years. He married Dorothy Turbak of Canby, Minn., and they have four children. Henry enjoys photography and travel, and likes to "study the natural habitus of the Mississippi River catfish." He lives in West Burns Valley in Winona.

Charles W. Rogers practices pediatrics in the Winona, Minn. Clinic, where he has spent 19 years. He married Katherine Ignasiak of Duluth, Minn., and they have four children. Their address is 378 Main St. in Winona.

John M. Rumball* practices internal medicine and gastroenterology and is chief of staff at the V.A. Center in Bay Pines, Fla. He has been in V.A. work for 25 years, and was director of medical service at the V.A. central office in Washington, D.C. for four years. He is active in cancer research and is a Fellow of the American College of Physicians. John married Lewellyn Clark of Rochester, N.Y., and they have two children. Their home is at 4708 Bay Pines Terrace, St. Petersburg.

Karl E. Sandt* practices ophthalmology with classmate Bourne Jerome in Minneapolis, an association of 28 years. He is an associate clinical professor at the Medical School and chief of eye service at Hennepin County General Hospital. Karl's wife is Ruth C. Bloomgren of Minneapolis, a U. of M. graduate. They have two children and enjoy traveling here and abroad. Karl spent two months in West Pakistan, India and Nepal in

*Member, Minnesota Medical Foundation

1961 with mission hospitals, performing eye surgery and finishing a trip around the world. The Sandts live at 4615 Golf Terrace in Minneapolis.

Frederick L. Schade* has been associated with the Worthington, Minn. Clinic since 1936. His wife is the former Amy Mather of New Ulm, Minn., and they have two children. The ex-Gopher hockey player is a fellow of the American College of Obstetrics and Gynecology, and the Central Association of the College. Fritz and his family enjoy pack trips on horseback in wilderness areas. They live at 246 Lake Ave. in Worthington.

Sidney S. Scherling* has been in a pediatrics partnership in Minneapolis for ten years. He took his residency at Minneapolis General Hospital, where he now teaches. Sid married Jeanette Naftalin of N.D. They have three children and two grandchildren. Sid enjoys fishing and hunting. The family lives at 1716 Ewing Ave. So. in Minneapolis.

Walter R. Schmidt has been a thoracic and cardiovascular surgeon since 1950 with a group in the Medical Arts Building in Minneapolis. He teaches at the Medical School, and took his training at Ancker and Veterans' hospitals. He served in the Army during World War II, and married Loraine Cummins of St. Paul. They have three children and live at 2615 Newton Ave. S. in Minneapolis.

Phillip Shapiro has a psychiatry and psychoanalysis practice in San Francisco, Calif., and is assistant chief of psychiatry at Mount Zion Hospital and Medical Center. He is married to a nurse, Frances Milon of Pittsburgh, and has two children. Among Phil's special interests are the Civil Rights movement, and steelhead trout fishing. He is a member of the editorial



Phillip Shapiro



Harold L. Stemsrud

*Member, Minnesota Medical Foundation

board of the "Annual Survey of Psychoanalysis." The Shapiros live at 2519 Pacific ave. in San Francisco.

Jack A. Sheinkopf^o is a cardiologist in Beverly Hills, Calif. and an associate professor of medicine at U.S.C., where he received his M.S. degree in cardiology. Jack served in the Medical Corps on Guadalcanal. He has four children and lives at 435 N. Roxbury Dr. in Beverly Hills.

David A. Sher^o has been a pediatrician with the Lenont-Peterson Clinic in Virginia, Minn. for 22 years. He married Esther Rosenberg of Minneapolis and they have two children: Michael, 26, (Med. '63) a captain in the Medical Corps now in France; and a married daughter. Dave is a member of the Virginia Chamber of Commerce and past chairman of the Virginia Housing Authority.

Harold L. Stemsrud is with a nine-man group ("seven U. of M. grads") at the Alexandria, Minn. Clinic, where he is in general practice, primarily in orthopedic and traumatic surgery. He served in the Navy and married Connie Crysler of Minneapolis, a 1935 U. of M. graduate. They have two children: Robert, 26, is a Phi Beta Kappa graduate of Carleton College and received his M.D. from the University of Rochester; Jane, 18, attends the University. Harold, an avid fisherman, won the *Field & Stream* and *Manitoba Angler* awards for large walleye. The Stemruds live at Westwood and Winona Dr., Alexandria.

Robert C. Strand practices general medicine and surgery alone in Eau Claire, Wis. He served with the Navy in the Pacific and writes that he is "practicing in the town of his birth." He acts as medical advisor to the local draft board and enjoys sailing in his free time.

Theodore W. Stransky^o has practiced general medicine alone in Owatonna, Minn. for 27 years. He served as a flight surgeon in the Air Force and married Mary Mosher of Minneapolis. They have four children; one son was recently an AFS exchange student in Belgium. The family hopes to visit Europe soon. They enjoy outdoor sports at their cottage near Waterville, Minn.

Robert D. Thielen^o is in solo general practice in St. Michael, Minn. where he has spent 29 years. He married Isabel Speer of St. Paul and they have two daughters; Janet is married and Judith is a Sister in the Order of St. Francis.

Stanley H. Tyler is with the Indiana Univ. Student Health Service in Bloomington, Ind.

Bernard M. Urenn is deceased.

^oMember, Minnesota Medical Foundation

Charles W. Vandersluis has been in general practice 30 years and is now associated with the Minnesota, Minn. Clinic. He served in the Air Force, has practiced in several Minnesota locations, and is married to Beverly Bertholf of Bemidji, Minn.

Marc J. Wallace is a surgeon in Clifton, N.J., where he has been since 1935. His wife is Dorothy Claus, a U. of M. graduate, and they have four children and four grandsons. They live at 187 Lakeview Ave. in Clifton and enjoy summers at their lake cottage.

Maurice Weisberg is in general practice in St. Paul. His address is 165 N. Dale St.

Alvin B. Williams is a pediatrician in San Jose, Calif. He took his training at Children's Hospital in Los Angeles and served with the Navy and Marine Corps in the South Pacific. Al married Erma Fiehmman of San Jose and they have two children. He is active in civic affairs and lives at 1746 The Alameda, San Jose.

Mervyn M. Williams* spent 25 years in tuberculosis control work at the Minnesota State Sanatorium near Walker, Minn., and in 1962 joined the staff of the Ah-gwah-ching, Minn. Nursing Home in geriatrics work. He served as a captain in the Army and married Aileen Miller, a U. of M. nursing graduate. They have three sons and their address is Box 81 in Ah-gwah-ching.

Ira H. Wilson has an internal medicine and gastroenterology consultation practice in San Diego, Calif., and teaches at San Diego County General and Mercy Hospitals. He served in the Army and married Rebekah Lindahl of Tex. They have three sons and live at 3588 Seventh Ave. In San Diego. Ira writes, "I still think of myself as a 'recent graduate' although the shocking truth is that I'm one of those old guys!" He is currently Governor for California of the American College of Gastroenterology.

Wale S. Wright is deceased.

William P. Yuncck practices urology alone in Seattle, Wash., and is a clinical instructor at the University of Washington School of Medicine. He served in the Air Force, both in the U.S. and Europe, and is married to Coleta Bea of Pennsylvania. They live at 7322 50th Ave. N.E. in Seattle.

*Member, Minnesota Medical Foundation

Unable to locate: **Roland B. Boettner, Robert Dyar**

Staff Meeting Report

Pulmonary Function in Scoliosis Following Correction by the Harrington Method*

Hugh D. Westgate, M.D.,† and F. H. Van Bergen, M.D.‡

The Harrington method for the correction of scoliosis does not improve the vital capacity or maximum breathing capacity but may improve arterial oxygen tension and saturation. Over-enthusiastic correction of the spinal curvature in patients with scoliosis secondary to poliomyelitis is to be discouraged since in this group of patients the greater the correction of the curvature the greater will be the reduction in vital capacity, but treatment should be instituted as soon as a curve is noted in order to preserve what lung function is left. Since before operation there is a correlation between the amount of curvature and the decrease in vital capacity in patients with idiopathic scoliosis, treatment of idiopathic scoliosis should be instituted if there is any sudden increase in the curvature or as early as possible if the curve is slowly progressing. Treatment then will preserve what respiratory function is present at the time of surgery.

Patients with scoliosis die of cardio-respiratory failure, not of their skeletal abnormality. The aim of treatment therefore should be restoration or preservation of cardiopulmonary function and not anatomical perfection alone.

Studies of pulmonary function were performed on 74 patients with scoliosis prior to and after corrective surgery by the Harrington method. In 37 patients the scoliosis developed secondary to poliomyelitis; in 24 patients the deformity was idiopathic; in 13 patients the scoliosis was present with other musculoskeletal defects. The angle of the curvature, vital capacity, maximum breathing capacity, and arterial oxygen tension or saturation were recorded at intervals up to two years after surgery. The angle of the curvature indicates the severity of the scoliosis, the most common cause for the patient seeking medical consultation. The vital capacity is an indicator of the pulmonary

*From a Report to the Staff Meeting of University Hospitals on May 14, 1965

†Assistant Professor, Department of Anesthesiology

‡Professor and Head, Department of Anesthesiology

volumes and is therefore an indication of the degree of restrictive lung disease. The maximum breathing capacity is an indicator of the functional pulmonary reserve. The arterial oxygen tension or saturation is taken as an indicator of alveolar respiratory sufficiency. Before operation in patients with idiopathic scoliosis there is a significant negative correlation when vital capacity, maximum breathing capacity and arterial saturation are compared with the angle of the curvature. No such negative correlation is found in patients with scoliosis secondary to poliomyelitis or congenital abnormalities of the spine.

One year after operation, in the overall series, there was a significant decrease in the average vital capacity from 57% to 48% of the predicted vital capacity and a decrease in the maximum breathing capacity from a preoperative average of 55% to 51% of the predicted value. Patients with a congenital scoliosis show the greatest decrease postoperatively in both vital capacity and maximum breathing capacity. Patients with idiopathic scoliosis show a small decrease in vital capacity and a slight increase in maximum breathing capacity. Patients with scoliosis secondary to poliomyelitis show the same pattern as the combined groups.

Two years after operation results are essentially unchanged from those obtained at one year. An overall decrease in the average vital capacity occurs from the preoperative 56% to 50% at two years. The maximum breathing capacity remains essentially the same, 55% of the predicted capacity before operation and 56% two years after operation. Arterial oxygen saturation increases from 93.5% to 95.2% after operation, while there is a decrease in the spinal curvature from the preoperative average of 87 degrees to an average of 53 degrees.

There is no correlation postoperatively between the change in the angle of the curvature and the changes in the vital capacity or maximum breathing capacity except in those patients with scoliosis secondary to poliomyelitis. In this group a significant correlation is found between the amount of correction of the curvature and the decrease in vital capacity.

Staff Meeting Report

Medical Management of Radioactively-Contaminated Wounds *

Harry Foreman, M.D.†

The hazard from radioactivity material comes about from external irradiation from gamma emission, from radioactive material on the skin surface and from radioactivity which gains entrance into the body by inhalation, ingestion and through breaks in the skin and mucous membranes. This report is devoted to the latter situation, i.e., where a burden of radioactivity has been accumulated through the wounds and abrasions.

Once the individual is removed from contact with, or exposure to, the radioactive source and immediate first aid measures have been taken, such as the stanching of hemorrhage, attention is usually directed to decontamination of the skin in the region of the wound.

It is generally agreed that a soap-and-water scrub constitutes the first measure to be taken. For more tenaciously adherent contamination, a variety of procedures that are reasonably effective is available. These include such measures as the use of abrasive soaps, detergent solutions mixed with either corn meal, titanium dioxide, kitchen cleanser or such chelating agents as sodium citrate or sodium ethylenediaminetetraacetic acid (EDTA), and pastes made up with lanolin with either titanium dioxide, corn meal or carboxymethyl cellulose. As a last resort, a saturated solution of potassium permanganate followed by sodium bisulphite to remove the stain can be used. This destroys and removes the outer layers of the skin and must be used judiciously.

While it is desirable to remove as much of the radioactivity from the skin surface as possible in order to prevent further contamination of nearby wounds and to be able to evaluate the radioactivity contained in the wound more accurately, it is necessary at times to desist from the decontamination of tightly

*From a Report to the Staff Meeting of University Hospitals on April 9, 1965

†Associate Professor, School of Public Health, University of Minnesota

adherent material rather than to produce skin damage from the decontamination procedures themselves. One must weigh the hazard involved in leaving the radioactive nuclide on the skin against the difficulties involved in removing it.

In making such a decision, it should be noted that the hazard to the skin from adherent alpha activity is essentially nil. The range of even highly energetic alpha particles produced in decay, such as those of Pu²³⁹ or Po²¹⁰, is so short that essentially all of the energy is absorbed in the keratinous layer.

The hazard from adherent beta-emitters, of course, depends very much on the characteristics of the particular isotope in question, namely the energy and half-life. The radiation from isotopes such as tritium and C¹⁴ emitting low-energy radiation is confined largely to the dead cornified layer of the skin and produces little injury, while more energetic radiation penetrating into the epidermis, e.g., that from S³⁵ or Ca⁴⁵, could result in transepidermal necrosis. Deep penetration into the dermis, e.g., by particles from P³² or Y⁹⁰, results in more severe ulcerating lesions.

The Skin as a Portal of Entry for Radioactivity

Apart from the hazard of radiation to the skin by adherent radioactivity, the possibility of the transfer of radioactivity across the skin barrier must be considered. It has been shown that a number of isotopes do pass across the skin into the blood stream. The extent to which this occurs varies with the chemical and physical state of the particular isotope involved.

Whereas the problems associated with radioactivity on the surface of the skin lie largely in the beta component, attention and concern about radioactivity in the deeper layers, the dermis, subcutaneous tissues and underlying muscle, have overwhelmingly been directed to the alpha emitters.

The hazard from alpha activity changes markedly merely by change of location of as little as 50 m μ from the surface of skin into the deeper layers. Alpha activity beneath the keratin layer cannot be ignored. It must be evaluated as rigorously as possible and, if necessary, dealt with. A study done some time ago demonstrated that the injection of as little as a μ g of PU²³⁹ beneath the skin of a rat was followed by the development of fibrosarcoma. This result is frequently used to reinforce the warning.

It is generally agreed that the excision of the tissue containing radioactivity is the most practical method for disposing of

the potential hazard. The problem, of course, lies in weighing the potential hazard of the radioactive material against the mutilation and function loss associated with cutting out the involved tissue. As a rule of thumb, one might consider a quantity of activity equal to one permissible body burden as the "break-over point." The higher the level of radioactivity above this, the more vigorous should be the attempts at removal. The lower the level below this, the less concern there need be. In considering the pros and cons, one must weight the amount of radioactive material against such factors as the age of the individual, the location and extent of contaminated area, and the depth of the deposit relative to underlying structures such as nerves and tendons.

It has been the practice, as a follow-up to the excision of wounds, to do daily assays of the excreta for radioactivity. Urine assay has been found to be most convenient. There are studies in humans which have attempted to relate urine excretion at a given time with the amount of material present in the body for some elements, namely, Pu, Po, Ra, Sr and H³.

Administration of Chelating Agents

Unfortunately, as promising as chelating agents might appear as a means for hastening the excretion of radioactive metals, they have had relatively little practical application. There have been only a few cases in which they have been used compared to the number of cases of serious radioactive poisoning known to the medical profession today. The limitation of chelating agents results from the relative abundance of calcium in the body. Since the calcium pool is the largest reservoir of chelatable metal ion (overwhelmingly larger, in molar proportions, than any foreign radioactive metal ion that might enter the body) only metals which form more stable combinations with chelating agents than the calcium chelate can be chelated *in vivo*. This restriction rules out the most useful and practical application at the present time—the treatment of radium poisoning—because no binding agents are known that are able to bind radium preferentially to calcium and most of the cases of radioelement poisoning today are of individuals bearing body burdens of radium. Similarly, chelating agents do not offer promise of removing Sr⁹⁰ from the body.

However, chelating agents of the polyamino-polycarboxylic type have been found to be quite effective in hastening excretion of certain radioactive metals of current toxicological interest, namely the actinide metals, yttrium and the rare earths.

Of these the calcium chelates of ethylenediaminetetraacetic acid ($\text{CaNa}_2\text{-EDTA}$) and diethylenetriaminepentaacetic acid ($\text{CaNa}_3\text{-DTPA}$) have been found most useful in this respect. The latter, $\text{CaNa}_3\text{-DTPA}$, has been shown to be considerably more effective than $\text{CaNa}_2\text{-EDTA}$.

Staff Meeting Report

The Ultrastructure of Cerebral Edema and Its Response to Glucosteroid Administration*

Donlin M. Long, M.D.†

The problem of cerebral edema, recognized since the time of Rokitansky and Virchow, has been the subject of extensive investigation. In spite of a voluminous literature there is still considerable controversy as to the exact morphological characteristics which define the process. While a measure of unanimity has been reached concerning the gross and light microscopic appearance of brain swelling, there are still divergent views concerning the ultrastructure.

Grossly, cerebral edema is marked by an increase in brain volume, widening of gyri, narrowing of sulci, loss of demarcation of white and grey, and marked enlargement of deep white matter. The light microscope reveals an alveolar appearance with distension of perivascular and pericellular spaces, venous congestion, capillary endothelial swelling, enlargement of axons and myelin, glial engorgement, subpial rarefaction, and the accumulation of a protein-rich fluid in the extracellular space.

Ultrastructural descriptions of swollen brain are less well accepted. Early reports denied the occurrence of extracellular

*From a Report to the Staff Meeting of University Hospitals on May 28, 1965

†Medical Fellow, Division of Neurosurgery

space increase, and glial swelling was the only abnormality described. More recently the identity of the swollen glial cell has been disputed and the occurrence of white matter extracellular fluid described.

The use of glucosteroids in high doses for the relief of cerebral edema has proven highly successful on a clinical basis. The prompt and dramatic relief of symptoms after their administration has been assumed to follow a reduction in brain bulk, but no histological proof has been advanced to support this contention.

Method

Control material consists of normal brain removed from four humans and from adult albino rabbits or mongrel dogs. Brain tissue was also obtained from animals given dexamethasone (0.24 mg. per kg.) for varying periods prior to sampling.

Swollen cerebrum was obtained from 10 patients judged to have cerebral edema of varying degrees at the time of craniotomy. Experimental brain swelling was produced in adult rabbits or dogs by intracerebral, sub or epidural placement of psyllium seeds, subdural balloon inflation, intravenous or intra-arterial water injection, cortical exposure, or cortical stab wounds.

Brain tissue was sampled in eight patients in whom the administration of dexamethasone had promptly alleviated signs and symptoms of cerebral edema. Edema-producing procedures were performed in animals treated in three ways with dexamethasone: for 48 hours before surgery, from the time of surgery to sacrifice, and in a third group where the drug was begun only after edema had developed for 48 hours.

All tissue was fixed by immersion in osmium tetroxide and embedded in methyl methacrylate or epon. The tissue was examined in the RCA EMU 3F electron microscope.

Results

The histology of cerebral edema present in all these species and preparations varies only quantitatively so that a unitary description will suffice for all. There is pericapillary enlargement of astrocyte processes with concomitant increase in astrocyte soma and process size throughout the neuropil with decreased process electron density. A remarkable increase in white matter extracellular space occurs. There is disruption of myelin lamination and axonal deformation by submyelin fluid accumulation. As severity increases rupture of plasma membranes is

seen, and a "pseudoextracellular space" appears. Ischemic changes increase and finally frank tissue necrosis occurs. Other elements do not show particular change except as they are influenced by the surrounding abnormal structures.

The administration of glucosteroid either prevents the development of these abnormalities or greatly alleviates them after development depending upon the timing of the treatment. In those subjects pretreated with dexamethasone only slight astrocyte swelling and white matter extracellular space enlargement occurs. Changes are slightly more severe in those in whom signs and symptoms of edema had appeared prior to therapy. Pericapillary astrocyte swelling is more common, and extracellular space increase definite in the white matter. Myelin disruption of minimal degree is seen. Evidences of tissue damage from the previous swelling are still apparent, but in none of the preparations do the morphological abnormalities approach those in the examples of edema.

It is apparent that at least one of the actions of the glucosteroids in the relief of the signs and symptoms of cerebral edema is the actual reduction of the amount of structural abnormality. It is postulated that the mechanism for this action is reconstitution of the deranged blood-brain barrier, and subsequent discharge of the abnormal fluid collection from the swollen brain.



Alumni Notes

◆ 1914

Katherine A. Nye writes that she has retired from professional practice and closed her office in downtown St. Paul, moving to 1357 Como Avenue, St. Paul 55108. "I was most interested in the last issue to read about Drs. Beard, Lyon, and Scott." (Editor's Note: "The Department of Physiology," March 1965, Univ. of Minn. MEDICAL BULLETIN).

◆ 1922

Richard S. Rogers, Waldport, Ore., says: "Was pleased to see notes in the MEDICAL BULLETIN on two 'old timers,' Leonard W. Larson and L. J. Pankow. I'm still in circulation at Waldport. Verne Gearey (Med. '20) is in Corvallis, Ore., 65 miles from here."

◆ 1929

Viola I. Fischer, a missionary of the Lutheran church, writes from Malaysia: "*May, 1965, finds me finishing a 36-year missionary career and returning to the U.S.A. The first 20 years were spent in China, then 1950-59 in Tanganyika, and now a bit over four years in Malaysia. Medical problems are much the same the world over, with a few extras in tropical areas. It's been most interesting to see the progress being made in the medical field by some of newer nations. I have enjoyed reading the MEDICAL BULLETIN.*"

◆ 1930

Harold R. Hennessy is a member of the staff of the American College of Surgeons, and lives at 1535 Potter Rd., Park Ridge, Ill. Harold completed 33 years of service in the Army (12 years on active duty) on September 1, 1963. He was decorated for meritorious service during World War II. He and his wife, Helen, have four children and five grandchildren.

◆ 1938

Robert B. Tudor was reelected chairman of the Board of Trustees of the Bismarck Medical Foundation, which is affiliated with the Quain & Ramstad Clinic, Bismarck, N.D. Dr. Tudor is a pediatrician on the clinic staff.

◆ 1939

Charles B. Will, who has practiced general medicine many years in International Falls, Minn., was elected president of the Range Medical Society.

Radiologist **Linneus G. Idstrom** will be moving from Minneapolis this year to take up practice at a hospital on the island of Maui in Hawaii. He is presently chief of the medical staff of Swedish Hospital, Minneapolis.

◆ 1945

E. Theodore Palm, chief resident in surgery at Swedish Hospital, Minneapolis, was winner of a \$1,000.00 Ross Award at the 1965 scientific sessions of the American Academy of General Practice in San Francisco.

◆ 1946

Richard J. Frey, Minneapolis internist, is new president of the Hennepin County (Minneapolis) Medical Society. John T. Pewters (Med. '37) was elected first vice-president.

Robert I. Gruys is a general surgeon in Wells, Minn. He recently became a Fellow of the American Society of Abdominal Surgeons, a Fellow of the International College of Surgeons, and a Diplomate of the American Board of Surgery. Bob is married, has four children from 7 to 17 years old, and practices at Wells in association with Dr. John A. Watkins (Med. '47).



Robert I. Gruys

◆ 1953

Jason Aronson lives at 903 Park Avenue, New York City. He is clinical assistant professor of psychiatry at Cornell Medical School, and is editor and founder of the *International Journal of Psychiatry*. The journal first appeared two years ago, and is published in English with Russian, French, German, Polish, and Spanish summaries. It resulted from Dr. Aronson's study of Soviet psychiatry conducted under a U.S.P.H.S. grant in 1961 when he was an instructor at the Harvard Medical School.

◆ 1955

Donald A. Bolt, recently completing a period of service in the U.S. Army, has begun the private practice of surgery in the Minneapolis suburb of Brooklyn Center. He has offices at the PBC Medical-Dental Center.

◆ 1957

Peter E. Fehr, a Baptist medical missionary, has returned to Africa after a furlough in the United States. He writes that he's "disappointed with the lack of news (in the MEDICAL BULLETIN) of the Class of 1957, but if they are all as poor correspondents as I, then I know the reason." Peter operates a "one-doctor program including a heavy surgery schedule and many GYN problems" at the 75-bed Bansa Baptist Hospital, P.O. Bamenda, West Cameroon, Federal Republic of Cameroon. He

writes that classmate Jerry Fluth, a fellow missionary, is practicing temporarily at a government hospital in Bula, the capitol city of the West Cameroon.

S. Paul Ehrlich, Jr. is presently serving with the Heart Disease Control program, U.S.P.H.S., San Francisco, Calif. He is a lecturer at the University of California's School of Public Health, and is especially interested in the field of geriatrics. Dr. Ehrlich is the son of Dr. S. Paul Ehrlich, Sr. (Med. '26), who practices in Minneapolis.

◆ 1960

William B. Eilers is associated in general practice with the Cairns Clinic, Redwood Falls, Minn.

Richard E. Olson has become a partner in practice at the Valley Medical Clinic, Jordan, Minn., where he has been associated in practice for the past year.

Memorial Gifts

The Minnesota Medical Foundation acknowledges with gratitude recent contributions made in memory of:

Mrs. Alice Batzli
St. Louis Park, Minn.

Bernadine Silbert
Minneapolis, Minn.

Dr. Burton Rosenholtz
Minneapolis, Minn.

Jerome Hirsh
St. Paul, Minn.

Peter G. Schletty
St. Paul, Minn.

Rachel Wolf
St. Paul, Minn.

Memorial gifts are a thoughtful means of honoring the memory of a relative, friend, or colleague. They serve the living by strengthening medical education and research at the University of Minnesota Medical School. Gifts may be designated for specific purposes. The Minnesota Medical Foundation acknowledges all gifts to both donor and next of kin.

COMING EVENTS

University of Minnesota Medical School

CONTINUATION COURSES FOR PHYSICIANS

University of Minnesota
Center for Continuation Study

1965 (Tentative schedule)

- September 9 - 11 Otolaryngology
September 21 - 23 Pediatrics
October 6 - November 10 .. Law and the Physician
October 25 - 29 Radiology
November 11 - 13 Orthopedic Surgery
November 17 - 19 Ophthalmology (Refraction)

1966 (Tentative schedule)

- January 3 - 7 Electrocardiography (Intermediate)
January 17 - 18 Psychiatry
February 14 - 17 Internal Medicine
February 14 - 18 Proctology
February 18 - 19 Neurosurgery
February 21 - 23 Neurology
March 10 - 12 Obstetrics
April 1 - 2 Trauma
May 2 - 4 Ophthalmology
May 19 - 21 Surgery
June 1 - 3 Anesthesiology

The University of Minnesota reserves the right to change this schedule without notification.

Courses are held at the Center for Continuation Study or the Mayo Memorial Auditorium on the campus of the University of Minnesota. Usual tuition fees are \$50 for a two-day course, \$60 for a 2½-day course, \$70 for a three-day course, and \$100 for a one-week course.

Specific announcements are sent out about two months prior to each course to all members of the Minnesota State Medical Association and to any physicians who request information for a specific course. For further information write to:

DIRECTOR
DEPARTMENT OF CONTINUATION MEDICAL EDUCATION
THE MEDICAL CENTER (Box 193)
UNIVERSITY OF MINNESOTA
MINNEAPOLIS, MINNESOTA 55455

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