

BIOGRAPHICAL DIGEST

STANLEY J. DUDRICK, M.D.

Stanley J. Dudrick, M.D. is widely recognized and respected throughout the scientific, academic and clinical world for his innovative and pioneering research in the development of the specialized central venous feeding technique known as intravenous hyperalimentation (IVH) or total parenteral nutrition (TPN). The basic investigative development and subsequent successful clinical application of this highly effective therapeutic modality has been described as one of the four most significant accomplishments in the history of the development of modern surgery, together with the discovery and development of asepsis and antisepsis, antibiotic therapy and anesthesia (JAMA 239:192, 1978). It has also been acknowledged as one of the three most important advancements in surgery during the past century along with open heart surgery and organ transplantation.

Born in Nanticoke, Pennsylvania, April 9, 1935, Dr. Dudrick received his B.S. in Biology with Honors in 1957 from Franklin and Marshall College in Lancaster, graduating Cum Laude. He was a member of Phi Beta Kappa honor fraternity and was awarded the Williamson Medal as the outstanding member of his graduating class. His M.D. degree was conferred by the University of Pennsylvania School of Medicine in 1961 followed by a rotating internship and residency training in General Surgery at the Hospital of the University of Pennsylvania where he served as Chief Resident in Surgery under Dr. Jonathan E. Rhoads until 1967. After his training, he joined the faculty at Penn and ascended in rank from Instructor to Professor of Surgery at his alma mater within five years. In 1972, he was recruited to Houston as the first Professor and Founding Chairman of the Department of Surgery at the then new University of Texas Medical School at Houston and Chief of Surgical Services at Hermann Hospital/The University Hospital. In 1988, he joined the staff of Pennsylvania Hospital, the nation's first hospital, in Philadelphia as Chairman of the Department of Surgery, Surgeon to the Hospital, Director of the Residency Training Program in General Surgery and Clinical Professor of Surgery at the University of Pennsylvania. On May 1, 1990, he was appointed Surgeon-in-Chief of the Center for Cardiovascular Disease and Director of the Hermann Nutrition and Human Performance Center, the Nutritional Support Service, and the Nutritional Science Center at Hermann Hospital and Clinical Professor of Surgery at the University of Texas Medical School at Houston.

In November, 1994, he began serving as Associate Chairman of the Department of Surgery and Director of the Program in Surgery at Saint Mary's Hospital, a Yale Affiliated Teaching Hospital, in Waterbury, Connecticut and as Professor of Surgery at Yale University School of Medicine. In October, 1995, he assumed the additional responsibilities at Saint Mary's Hospital as Director of Graduate Medical Education. In October, 1996, he was appointed Adjunct Clinical Professor of Surgery on the faculty of Quinnipiac College. Yale University granted him a Master of Arts Honoris Causa Degree in 1999. Between January, 2000 and September, 2002, he served also as Chairman of the Department of Surgery and Director of Surgical Education for the newly integrated Bridgeport Hospital/Yale New Haven Health System. He then returned to serve as Chairman of the Department of Surgery, Director of the Training Program in Surgery and Designated Institutional Official for Graduate Medical Education at Saint Mary's Hospital/Yale Affiliate in Waterbury, Connecticut and Professor of Surgery at Yale University School of Medicine for more than five years. Dr. Dudrick assumed his current Chairman - Emeritus, Department of Surgery, status in October, 2007, while continuing as Director of the Training Program in Surgery until July, 2008, when he became Director - Emeritus of the Program in Surgery at Saint Mary's Hospital. He currently continues to be active in both of these positions at Saint Mary's Hospital and as Professor of Surgery at Yale.

A prolific medical writer, Dr. Dudrick was acknowledged by Current Contents, a publication of the Institute for Scientific Information, as the author or co-author of 2,535 scientific reference citations during a 13 year period, the most for any general surgeon in the literature. His more than 700 published works include a wide variety of topics on the care and management of surgical patients, especially those with complex nutritional, metabolic, critical care and re-operative problems.

Since 1974, he has served on more than fifteen Editorial Boards of scientific journals and professional publications including the prestigious Annals of Surgery. Of the several books he has produced, he is most proud of having served as a Co-Editor of the American College of Surgeons Manual of Surgical Nutrition, and as the Editor of the Manual of Preoperative and Postoperative Care, The Surgical Clinics of North America-Current Strategies in Surgical Nutrition, and The Biology and Practice of Current Nutritional Support.

Dr. Dudrick is a Fellow of the American College of Surgeons, was elected a Director of the American College of Surgeons South Texas Chapter and served as a Governor at Large of the American College of Surgeons from the State of Texas from 1979 - 1985. The Board of Regents selected him as the recipient of the prestigious American College of Surgeons Jacobsen Innovation Award in 2005. In 2008, he received the Distinguished Service Award of the American College of Surgeons Connecticut Chapter.

Certified by the American Board of Surgery, he served this prestigious organization as an Examiner continuously since 1974, as a member of its Board of Directors and then, as a Senior Member of the Board for a total of 26 years. The Certification Board of Nutritional Specialists has also honored him as a Certified Nutritional Specialist and as member of its Board; and he is a fellow of the American College of Nutrition and serves on its Twenty - First Century Board of Directors.

Among the more than 100 honors and awards which Dr. Dudrick has received are the AMA Joseph B. Goldberger Award in Clinical Nutrition; the AMA Brookdale Award in Medicine; the Seale Harris Medal of the Southern Medical Association; the Ladd Medal of the American Academy of Pediatrics; the American College of Nutrition Goldsmith Award; the Distinguished Alumnus Citation, the Alumni Medal, and The President's Medal of Franklin and Marshall College; and the American Surgical Association's First Flance/Karl Award in 1997 for his seminal and lifetime scientific contributions to surgery. He holds membership in more than 100 academic, honorary, professional medical and scientific societies. He is a Founding Member of the Association for Academic Surgery, the Association of Veterans Administration Surgeons, the American Trauma Society, the International Society for Parenteral Nutrition and the American Society for Parenteral and Enteral Nutrition. He is also a member of Alpha Omega Alpha Honor Medical Society, the Phi Beta Kappa Associates, and Sigma Xi Scientific Research Society. He has served as President of the International Society for Parenteral Nutrition, was the first President of the American Society for Parenteral and Enteral Nutrition, Chairman of the Surgery Section of the Southern Medical Association and President of the American Society of Nutritional Support Services. He has been a member of the Board of Trustees of Franklin and Marshall College since 1985 and served as Vice Chairman for eight years. He also served as Chairman of the National Alumni Council of the University of Pennsylvania School of Medicine and received the University of Pennsylvania Medical Center Alumni Service Award. He was voted the Distinguished Graduate Award by the Faculty of the School of Medicine of the University of Pennsylvania in 2007. He is listed in Who's Who in the South and Southwest, Who's Who in America, International Who's Who in Medicine and Healthcare, Who's Who in Science and Engineering, Who's Who in American Education, Who's Who in the East, and Who's Who in the World. He was also honored as the ASPEN Rhoads Lecturer for 2005.

He has been elected to eighteen honorary memberships and fellowships, including Honorary Fellowship in the Philippine College of Surgeons; the American Pediatric Surgical Association; the American Academy of Pediatrics; the College of Medicine and Surgery of the Republic of Costa Rica; and the Societies for Parenteral and Enteral Nutrition of Brazil, Venezuela, Mexico, Colombia, Latin America, Japan, Poland and the Czech Republic. He received the Association of Mexican Surgeons Lifetime Achievement Award in 2005. He was elected to Honorary Fellowships in the Polish Surgical Society in 2005 and to the Association of Columbian Surgeons in 2006. The National Academy of Medicine of Colombia elected him an Honorary Member in 2006; the Mexican Academy of Surgery elected him an Honorary Academic Member in 2008; and the Bohemian Medical Association of the Czech Republic granted him Honorary Membership in 2008.

In 1981, his former residents, fellows and associates formed the Stanley J. Dudrick Surgical Foundation and Society. In 1985, the American Society for Parenteral and Enteral Nutrition established the Stanley J. Dudrick Research Scholar Award, a \$5,000 annual award granted in his honor to young investigators in recognition of their past research accomplishments and future research potential. In 2003, his former residents and fellows, colleagues, patients and friends established the Stanley J. Dudrick Research and Education Fund in the Department of Surgery at Saint Mary's Hospital, Waterbury, Connecticut. He has received multiple teaching awards from his students and residents throughout his tenure at the University of Pennsylvania School of Medicine, The University of Texas Medical School at Houston, Saint Mary's Hospital/Yale Affiliate, and the Yale University School of Medicine.

His investigative endeavors have recently been focused primarily on the nutritional and biochemical manipulations of amino acid, carbohydrate, fat and micronutrient metabolism and their interrelationships with nutritional status, optimal human cellular cognitive and physical performance; fitness; preventive medicine; generation and regression of atherosclerosis; and outcomes in critically ill patients.

Dr. Dudrick and his wife Theresa reside in Naugatuck, Connecticut and Eaton Center, New Hampshire and are the proud parents of two sons and four daughters and the delighted grandparents of ten granddaughters and six grandsons.