

W. ROBERT HUDGINS, M.D.

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Summary of Qualifications

Attending Neurosurgeon, Presbyterian Hospital of Dallas
Dallas, Texas

Medical Director, Gamma Knife, Presbyterian Hospital of Dallas, Dallas, Texas

Accreditation

Certified by the American Board of Neurological Surgery, 1972
Texas License # E1336

Education

Residency Training: Semmes-Murphey Clinic and University of Tennessee Affiliated Hospitals
Memphis, Tennessee 1965-1969

Internship: Duke University Medical Center
Durham, North Carolina 1964-1965

Medical School: The University of Mississippi School of Medicine
Jackson, Mississippi 1960-1964

Pre-Medical Training: The University of Oklahoma
Norman, Oklahoma 1957-1960

Professional Experience

Lieutenant Commander, Medical Corps, U.S. Navy, 1969-1971
Neurosurgeon for Hospital Ship USS Sanctuary in Vietnam, 1969-1970
Neurosurgeon, Chelsea Naval Hospital, Boston, Mass. 1970-1971
Private Practice, Jackson, Mississippi, 1971-1973
Staff Neurosurgeon, Scott & White Clinic, Temple, Texas 1973-1975
Private Practice, Dallas Neurosurgical Association, 1975-1997
Private Practice, Dallas Neurosurgical Associates, P.A., 1997-1998
Private Practice, Neurological Surgeons of Dallas, P.A. 1999-present

Professional Affiliations

Dallas County Medical Association, Texas Medical Association, American Medical Association
American Association of Neurological Surgeons, Texas Surgical Society, Leksell Gamma Knife Society
Editorial Board, journal NEUROSURGERY, 1981-1989
Director of Neurosurgery Laser Workshops in Dallas, 1980-1985
Neurosurgery Editor, Dallas County Medical Journal, 1991-2000

Publications

Ten in textbooks and 40 journal articles. Bibliography available upon request.

Awards and Honors

Dean's Scholarship, University of Mississippi School of Medicine, 1960-1964
Alpha Omega Alpha scholastic honor society, University of Mississippi School of Medicine, 1964
Vietnamese Cross of Gallantry with Bronze Star, Vietnam Campaign Medal 1970
First Place Scientific Exhibit Award, Texas Medical Association, "EMI Scanner – Revolutionary System for Investigation of Brain Disease", 1975 Annual Session
Third Place Scientific Exhibit Award, Texas Medical Association, "Laser Neurosurgery", 1982 Annual Session
Third Place Scientific Exhibit Award, Texas Medical Association, "The Dallas Gamma Knife, Three Years Experience", 1993 Annual Session.
Selected as one of "Top Doctors in America", by the Consumer Research Council, 2004-2005
Selected as one of the "Best Doctors in America", 2005-2006

Medical Research

1968-1979: Stroke Model - developed the trans-orbital approach for experimental middle cerebral occlusion (ref 18, 19, 21).
1980-81: Artificial Intelligence - wrote computer program LOBAK for diagnosis of disc disease (ref 36,39).
1980-85: Laser Neurosurgery - pioneered use of laser in Dallas, taught workshops here for five years (ref 5, 37).
1985: Stereotactic Surgery - clinical trials of stereotactic laser resection of brain tumors with "tulip" (ref 4,5).
1979-1990: Spine Surgery - pioneered microsurgery for cervical and lumbar disc disease, wrote the two chapters on these procedures in Youmans' six-volume textbook NEUROLOGICAL SURGERY, Third Edition, 1990 (ref 6 – 10, 38).
1989: Gamma Knife Radiosurgery - instigated the purchase of the Gamma Knife in Dallas, treated the first patient in 1989, and the 1001st patient in September, 1998 (ref 41 – 51).