



**NAME** **William R. Francis, Jr., MD**

**DATE OF BIRTH** February 18, 1948  
Fort Worth, Texas

**EDUCATION**

University of Texas at Austin  
1966-1969  
B.A. – Magna Cum Laude  
Major: Math/Psychology  
Minor: Physics

Baylor College of Medicine  
1970-1973  
M.D.

Rice University  
2002-2006  
MBA  
Area of Interest: Physician Development

**RESIDENCY AND FELLOWSHIP:**

**Residency**

General Surgery  
Baylor College of Medicine  
Affiliated Hospitals  
Michael DeBakey, M.D.  
July 1973 – November 1974

Orthopedic Surgery  
Baylor College of Medicine  
Affiliated Hospitals  
Hugh S. Tullos, M.D.  
November 1974 – January 1977  
July 1977 – October 1977

**Fellowship**

Orthopedic / Pediatric / Scoliosis  
Harvard Medical School  
Children’s Hospital Center  
Boston, Massachusetts  
John E. Hall, M.D.  
January 1, 1977 – June 30, 1977



**Fellowship, Cont'd.**

Spinal Surgery / Adult  
Toronto East General Hospital  
Department of Orthopedics  
Toronto, Ontario, Canada  
Edward H. Simmons, M.D.  
October 1, 1977 – December 31, 1978

Cervical Spine Surgery  
St. Luke's Hospital Center  
New York, New York  
July 1, 1978 – December 31, 1978

**LICENSOR AND CERTIFICATION**

Texas State Board of Medical Examiners  
E-0920, 1973

American Board of Orthopedic Surgeons  
September, 1980

**HONORS, AWARDS CITATIONS**

Solomon David Award for best residency  
Paper, 1976, "Scapular Fractures"

**LOCAL POSITIONS**

Clinical Assistant Professor,  
Division of Orthopedic Surgery,  
Baylor College of Medicine  
January 1979 to Present

Clinical Assistant Professor,  
Division of Orthopedic Surgery,  
University of Texas Medical Branch  
January 1984 to Present

Attending Staff, Orthopedics,  
University of Texas Spinal  
Deformity Clinic, January 1984 to Present

Attending Staff, Orthopedics  
Spinal Surgery, Veterans  
Administration Hospital  
January 1979 to June 1989

Attending Staff, The Institute for  
Rehabilitation and Research  
Scoliosis Clinic  
January 1979 to June 1989

## LOCAL POSITIONS

### Cont'd

Attending in Orthopedics, Spinal Injury  
Ben Taub General Hospital  
January 1979 to June 1989

Instructor in Orthopedic Surgery  
Department of Rehabilitation,  
Baylor College of Medicine  
January 1979 to June 1995

Attending Staff, Orthopedics,  
The Methodist Hospital Teaching  
Orthopedic Clinic  
January 1979 to June 1995

Attending Staff, Shriners Hospital,  
Scoliosis Clinic  
January 1980 to June 1995

Director of Spine Fellowship Program,  
Division of Orthopedic Surgery  
Baylor College of Medicine  
July 1986 to June 2000

Director of Spine Fellowship Program,  
Division of Orthopedic Surgery  
University of Texas Medical Branch  
July 2000 to June 2004

## CURRENT APPOINTMENTS

Medical Director Greater Houston Spine Clinic,  
The Woodlands, Texas

Medical Director Trailblazer Diagnostics  
Katy, Texas

Physician Liaison Business Development  
Surgical Specialty of Hospitals of America  
Houston and Dallas, Texas

Medical Director West Side Clinic  
Houston, Texas



**CURRENT APPOINTMENTS**

Cont'd.

Peer Review Physician  
Occupational Health Systems  
Houston, Texas

**PROFESSIONAL ORGANIZATIONS**

Harris County Medical Society of  
Texas Medical Association,  
Texas Orthopedic Association,  
Houston Orthopedic Society,  
Cervical Spine Research Society,  
Association of Bone and Joint Surgeons,  
Simmons Surgical Society,  
American Association of Orthopedic  
Surgeons,  
Mid-American Orthopedic Association,  
North American Spine Society,  
Western Orthopedic Association,  
Scoliosis Research Society,  
American Medical Association  
Flying Physicians

**COMMITTEE MEMBERSHIPS**

Executive Committee  
Department of Orthopedics  
University of Texas Medical Branch  
July 2001 to June 2004

Committee Chairman  
Spinal Implant Committee  
Memorial Hermann Hospital  
July 2001 to June 2004

Residency Review Committee  
Department of Orthopedics  
Baylor College of Medicine  
July 1985 to June 2000

Fellowship Review Committee  
Department of Orthopedics Spine Surgery  
Baylor College of Medicine  
July 1986 through June 2000



**COMMITTEE MEMBERSHIPS**

**Cont'd.**

Multi-Disiplinary Spine Trauma Committee  
Department of Orthopedics

Memorial Hermann Hospital  
July 2001 to June 2004

Credentials Committee  
Twelve Oaks Hospital  
January 2003 to July 2007

Operation Room Committee  
Spine Surgery Section  
Twelve Oaks Hospital  
January 2003 to July 2007

Theraputic and Pharmacology  
Twelve Oaks Hospital  
Impaired Physician  
Twelve Oaks Hospital  
January 2003 to July 2007

Executive Committee  
Vista Medical Center  
June 2003 to January 2006  
Credentials Committee  
Vista Medical Center  
June 2003 to January 2006

Medical Director  
Vista Medical Center  
June 2003 to January 2006

**NATIONAL AND INTERNATIONAL  
SCIENTIFIC COMMITTEE  
MEMBERSHIPS**

Co-Chairman, National Survey of the  
Evaluation of Odontoid Injuries, through  
The Cervical Spine Research Society

Membership Committee  
Cervical Spine Research Society  
1985 to 1987

Implant Development Committee  
Scoliosis Research Society  
1988 to 1992



**CONSULTANT**

Danak Surgical  
Consultant Spine Implant Development  
1986 to 1992

Sofamor-Danak (Medtronic)  
Consultant for Spine Surgery and Biologic  
1992 to 2007

Surgical Dynamics (Stryker Corporation)  
Consultant for Spine Implant Development  
and Biologic  
1994 to 2000

Cortek  
Consultant for Corlock inter-body graft  
1996 to 1999

Theiken Medical  
Consultant for Implants  
1996-2000

Depuy Spine Division  
Consultant for Moss Miami Instrumentation  
And Charite Artificial Disc  
1995 to 2007

**MAJOR RESEARCH INTERESTS**

Stability of the upper cervical spine.

Correction of fixed spinal deformity  
and development of spinal implants.

**MAJOR EDUCATIONAL INTERESTS**

Cervical spine, spinal deformities,  
Particularly of the upper cervical spine,  
and anterior spinal surgery. Correction of  
fixed deformity and implant development.



**PUBLISHED PAPERS**

Francis, W.R., Fielding, J.W.;  
Traumatic Spondylolisthesis of C2  
Ortho Clin North American.  
Vol. 9, No. 4: 1011, 1978.

Hensinger, R.N., Hawkins, R.J.,  
Fielding, J.W., Francis, W.R.  
Atlanto-Axial Rotary Deformities  
Ortho Clin North American,  
Vol. 9, No. 4, 955, 1978.

Francis, W.R., Einhorn, T.,  
Fielding, J.W.: Osteoid Osteoma of  
Thoracic Spine – report of a case.  
Clin Orthop, 1980 (149): 175-176.

Francis, W.R., Fielding, J.W.,  
Hawkins, R.J.: Traumatic  
Spondylolisthesis of the Axis.  
Journal Bone and Joint Surg.,  
Vol. 63-B, 313-318, 1981.

Surgical Treatment of Cranio-Cervical  
Instability in Rheumatoid Patients;  
Fielding, J.W., Francis, W.R., Editor  
McAllister Evans.

Treatment of Cervical Kyphosis in  
Children; Francis, W.R., Noble, D.P.,  
Special Issue, Spine, July, 1988.

Traumatic Spondylolisthesis of the Axis;  
Francis, W.R., Fielding, J.W., Hawkins,  
R.J., Pepin, J., Hensinger, R.: Clinical  
Orthopaedics and Related Research,  
Symposium on the Cervical Spine, 1988.

**BOOKS, CHAPTERS OR  
MONOGRAPHS PUBLISHED**

Francis, W.R., Fielding, J.W.:  
The Upper Cervical Spine,  
Radiology, Pathology, and  
Immunology of Bones and Joints:  
A Review of Current Concepts,  
Ed. Freida Feldman, New York:  
Appleton Century-Crofts, 1978,  
pp. 303-312.



### **ABSTRACTS PUBLISHED**

Francis, W.R., Wilde, H.,  
Tullos, H: Spontaneous Rupture  
of the Tibialis Anterior Tendon.  
Orthopedic Transactions,  
November, 1977.

Francis, W.R., Dickson, J.,  
Ponder, R.C., Tullos, H.:  
Early Ambulatory Treatment  
of Patients with Unstable  
Cervical Spine Fractures.  
Orthopedic Transactions,  
November, 1978.

### **AUDIOVISUAL INSTRUCTIONAL AIDS**

Simmons, E.H., Francis, W.R.:  
Lumbar Osteotomy for Correction  
of Flexion Deformities Associated  
with Ankylosing Spondylitis.  
(Movie). A.A.O.S., San Francisco,  
California, February 22-27, 1979.

### **SCIENTIFIC PRESENTATIONS**

Spontaneous Rupture of the Tibialis  
Anterior Tendon.  
Western Orthopedic Association,  
October, 1976.

Early Ambulatory Treatment in Patients  
With Unstable Cervical Spine Fractures.  
Western Orthopedic Association,  
October, 1977.

The Boston Bracing System  
Spinal Symposium of the University of  
Toronto, Ontario, Canada, 1977.

Early Ambulatory Treatment in Patients  
With Unstable Cervical Spine Fractures,  
Toronto, Ontario, Canada, February, 1978

Early Ambulatory Treatment of Patients  
With Cervical Spine Fractures, AAOS,  
February, 1978.





## SCIENTIFIC PRESENTATIONS

Cont'd.

Scapular Fractures, Toronto Academy of Medicine, Toronto, Ontario, Canada, April, 1978.

Correction of Thoracic Kyphosis Associated with Ankylosing Spondylitis. Gallie Visiting Professor, University of Toronto, Ontario, Canada, May 1978.

Sports Injuries in Baseball and Football, Clinical Day, University of Toronto, Toronto, Ontario, Canada, May, 1978.

Lumbar and Thoracic Osteotomies for Correction of Flexion Deformities of the Spine in Ankylosing Spondylitis, (Presented by E.H. Simmons, M.D.), Canadian Orthopedic Association, June, 1978.

Correction of Flexion Deformities Associated with Ankylosing Spondylitis, Scoliosis Research Society, Boston, Mass., September, 1978.

Treatment of Thoracic Kyphosis Associated with Ankylosing Spondylitis, Cervical Spine Research Society, September, 1978.

Long Anterior Cervical Fusion, Golden Anniversary Scientific Day, Toronto East General Hospital, Toronto, Ontario, Canada, October, 1978.

Hangman's Fractures, Golden Anniversary Scientific Day, Toronto East General Hospital, Toronto, Ontario, Canada, October, 1978.

Corrections of Thoracic Kyphosis Associated with Ankylosing Spondylitis



## SCIENTIFIC PRESENTATIONS

Cont'd.

Golden Anniversary Scientific Day,  
Toronto East General Hospital, Toronto,  
Ontario, Canada, October, 1978.

Traumatic Spondylolisthesis of C2.  
Cervical Spine Research Society,  
Baltimore, Maryland, November, 1978.

Correction of Thoracic Kyphosis  
Associated with Ankylosing Spondylitis,  
A.A.O.S., San Francisco, California,  
February, 1978.

Evaluation of Neck Injuries in Athletes.  
American Orthopedic Society of Sports  
Medicine, Innisbrook, Florida, July, 1979.  
Traumatic Spondylolisthesis of the Axis.  
Association of Bone and Joint Surgeons,  
Toronto, Canada, May 1979.

Traumatic Spondylolisthesis of the Axis.  
Canadian Orthopedic Association,  
Montreal, Canada, June, 1979.

Traumatic Spondylolisthesis of the Axis  
American Orthopedic Association Meeting,  
Puerto Rico, June, 1979.

Multi-Segment Anterior Cervical Fusion –  
A Salvage Procedure. Western Orthopedic  
Association, Las Vegas, Nevada, October,  
1979.

Multi-Segment Anterior Cervical Fusion –  
A Salvage Procedure. Cervical Spine  
Research Society, Boston, Mass.,  
December, 1979.

Hangman's Fracture, German Orthopedic  
Association, Munster, Germany,  
September, 1980.



## SCIENTIFIC PRESENTATIONS

Cont'd.

Longitudinal Anterior Cervical Fusions,  
Simmons Surgical Society, Toronto,  
Ontario, Canada, August, 1981.

Hangman's Fracture. Simmons Surgical  
Society, Toronto, Ontario, Canada,  
August, 1981.

Protocol for the Evaluation of Odontoid  
Fractures and Justification for the  
Protocol. Cervical Spine Research  
Society, San Diego, California, December,  
1981.

Spinal Cord Injuries, T.I.R.R.,  
Postgraduate Course, Houston, Texas,  
December, 1981.

Late Cervical Spine Instability Post-  
Traumatic and Iatrogenic, A.A.O.S.,  
October, 1984.

Products and Trends in Spinal Procedures,  
Infomedics; Panel Discussions, Denver,  
Colorado, April, 1986.

Adult Torticollis, Kenton D. Leatherman  
Spine Symposium, Louisville, Kentucky,  
November, 1986.

Clinical Findings in Cervical Spondylitic  
Myelopathy, Cervical Spine Research  
Society, Palm Beach, Florida, December,  
1986.

Thoracic Outlet Syndrome, Cervical Spine  
Research Society Palm Beach, Florida,  
December, 1986.

Spinal Cord Injuries, The Orthopedic  
Review Course, Osler Institute, Houston,  
Texas, March, 1987.



## SCIENTIFIC PRESENTATIONS

Cont'd.

The Adult Neck, The Orthopedic Review Course, Osler Institute, Houston, Texas, March, 1987.

Fractures of the Cervical Spine, The Orthopedic Review Course, Osler Institute, Houston, Texas, March, 1987.

Anterior Cervical Fusions, Association of Bone & Joint Surgeons, Kiawah Island Charleston, South Carolina, April, 1987.

Treatment of Spondylitic Radiculopathy With Anterior Decompression and Fusion, Association of Bone & Joint Surgeons, Kiawah Island, Charleston, South Carolina, April, 1987.

Results of Upper Cervical Fusion, Simmons Surgical Society, Williamsburg, Virginia, April, 1987.

Adolescent Torticollis, Simmons Surgical Society, Williamsburg, Virginia, April, 1987.

Treatment of Spondylitic Radiculopathy With Anterior Decompression and Fusion, Simmons Surgical Society, Williamsburg, Virginia, April, 1987.

Cervical Injuries Due to Trauma, National Association of Orthopedic Nurses, Houston, Texas, October, 1987.

Cotrel-Dubousset for Fractures of the Thoracolumbar and Lumbar Spine, Kenton D. Leatherman Spine Symposium, Louisville, Kentucky, November, 1987.

Cervical Kyphosis, Cervical Spine Research Society, Washington, D.C., December, 1987.



## SCIENTIFIC PRESENTATIONS

### Cont'd.

Results of Upper Cervical Fusions,  
Cervical Spine Research Society,  
Washington, D.C., December, 1987.

First Rib Resection for Thoracic Outlet  
Disease, O.R. Nurse Inservice, The  
Methodist Hospital, Houston, Texas,  
January, 1988.

Cervical Kyphosis, Mid-American  
Orthopedic Association, Tuscon, Arizona,  
March, 1988.

Adolescent Torticollis, Mid-American  
Orthopedic Association, Tuscon, Arizona,  
March 1988.

Results of Upper Cervical Fusions, Mid-  
American Orthopedic Association,  
Tuscon, Arizona, March, 1988.

Treatment of Spondylotic Cervical Disc  
Disease with Discectomy, Anterior  
Foraminotomy and Iliac Crest Fusion,  
Mid-American Orthopedic Association  
Tuscon, Arizona, March 1988.

Idiopathic Scoliosis, Grand Rounds,  
Hermann Hospital, Houston, Texas,  
April, 1988.

Treatment of Spondylotic Cervical Disc  
Disease with Discectomy, Anterior  
Foraminotomy and Iliac Crest Fusion,  
Grand Rounds, Norton Hospital,  
University of Louisville School of  
Medicine, Louisville, Kentucky,  
May, 1988.

Treatment of Spondylotic Radiculopathy  
With Anterior Foraminotomies and Iliac  
Fusions, Texas Orthopedic Association.



## SCIENTIFIC PRESENTATIONS

Cont'd.

San Antonio, Texas, May, 1988.

Thoracic Outlet Syndrome, Simmons Surgical Society, Monterey, California, May, 1988.

Moderator – Allographs, Simmons Surgical Society, Monterey, California, May, 1988.

Cotrel-Dubousset for Fractures of the Thoracolumbar and Lumbar Congress on C-D Instrumentation, Paris, France, June, 1988.

Anterior Decompression in Cervical Spondylosis, Modern Day Concepts in the Assessment and Management of Neck Disability, Buffalo General Hospital, Buffalo, New York, July, 1988.

Kyphotic Deformities of the Cervical Spine in Children, Modern Day Concepts In the Assessment and Management of

Neck Disability, Buffalo General Hospital, Buffalo, New York, July, 1988.

Cervical Kyphosis in Children, Scoliosis Research Society, Baltimore, Maryland, October, 1988.

Thoracic Outlet Syndrome, Webster Orthopedic Association, Honolulu, Hawaii, October, 1988.

## INVITED LECTURESHIPS

Cervical Spine Injuries (Course Presentation), A.A.O.S. Fifth Summer Institute, Los Angeles, California, July, 1979.

Anterior Fusions of C3-T1, Fusions of the Upper Cervical Spine, A.A.O.S.



### **INVITED LECTURESHIPS**

#### **Cont'd**

Symposium on the Management of the Spinal Cord Injured Patient, Houston, Texas, December, 1981.

### **INSTRUCTIONAL COURSES**

Instructional Course in Cotrel-Dubousset Instrumentation, Shrine Surgeon's Association, St. Louis, Missouri, October, 1986.

Instructional Course: Clinical Findings in Cervical Spondylitic Myelopathy, Federation of Spine Association, San Francisco, California, January, 1987.

### **UNACCOUNTED PRESENTATIONS/ INSTRUCTIONAL COURSES**

All publications and presentation information after July 1988 were lost after relocating my office. Specific details cannot be reproduced with absolute accuracy. Therefore it is estimated that between July 1988 and December 2008 approximately 40 to 45 presentations were given during this time interval. The substance of these presentations was equally divided between the development of new spinal implantation devices and specific techniques for insertion and their indications for use. The other portion of these presentations involved instructional courses on the treatment of orthopedic conditions, specifically spinal disorders and the use and application of various spinal devices.

There have also been 6 courses in which "hands on" instruction on techniques of implantation of specific spinal devices were conducted to instruct other physicians in the techniques specific to these devices. These 6 courses were comprised of a combination of classroom, "sawbones" and cadaver for this purpose.

