



1 in my opinion, are not consistent with a Persistent Vegetative State (PVS), but are those of a  
2 Minimally Conscious state (MCS).

3 8. There have been medical advances in the evaluation and treatment of patients like Ms.  
4 Schiavo even in just the past several years and since the last time that I examined her. For  
5 example, these advances include further documentation of the neurological response to HBOT  
6 and now the developing field of Hypoxia Imaging. Having just a normal MRI or CAT Scan is  
7 not enough for a patient like Ms. Schiavo. I would recommend Ms. Schiavo have a SPECT brain  
8 scan before and after HBOT. There is data demonstrating an improved SPECT brain scan after  
9 one or a few HBOT sessions can provide a significant correlation as to response from a full  
10 course of HBOT. We can then determine if there is improvement in the pattern of her brain,  
11 and predict if additional hyperbaric treatment would produce improvement. Ms. Schiavo  
12 deserves to receive the benefit of this advance in medical evaluation and treatment. I have  
13 worked with many patients who have shown marked cognitive improvement with HBOT.  
14 Documentation is available upon request.

15 9. When I observed Ms. Schiavo, I noted that she did not interact with me, but she did  
16 interact with her mother and father. She does not respond to other strangers. She does respond  
17 to people she knows and this is not something a person in a PVS state would be able to do. I  
18 base this opinion on my 30 years of practice in radiation therapy, and as medical director for a  
19 hospice program, where I have dealt with many patients who are in a PVS state.

20 10. In my opinion Terri Schiavo is MCS, because if she was PVS, she would not respond to  
21 the stimuli around her, including the music. In my opinion, she is in a vegetative state.

22 11. Without a doubt, Terri does respond and she does swallow her own saliva. If she can do  
23 that, then, in my opinion, she can swallow liquids.

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Declarant initials:                      - 2

Batza & Associates Investigations  
23929 W. Valencia Blvd., Suite 309  
Valencia, California 91355  
(661) 799-7777

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I declare under the penalty of perjury under the laws of the State of Florida that the foregoing is true and correct.

Executed this 4 day of March, 2005, in Odessa, Florida.

  
William Maxfield, M.D., FACNM, Declarant

Declarant initials: \_\_\_\_\_

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## CURRICULUM VITAE

**WILLIAM S. MAXFIELD, M.D., F.A.C.N.M.**

### OFFICE:

300 Riverside Drive East, Suite 4300  
Bradenton, Florida 34208  
941-748-8077 ext. 164 / FAX: 941-745-5974

### MAILING ADDRESS:

P.O. Box 162  
Odessa, Florida 33556

### PLACE OF BIRTH:

Waco, Texas, USA

### DATE OF BIRTH:

May 9, 1930

### MARRIED:

(1957) Patricia Jean Carter

### CHILDREN:

Alice Melissa Maxfield, Maura Carter Maxfield, Melinda Marie Maxfield

### EDUCATION:

1943-46 Highland Park High School, Dallas, Texas  
1946-50 Southern Methodist University, Dallas, Texas B.A. Degree (Psychology) 6-3-50  
1950-54 Baylor University College of Medicine, Houston, Texas M.D. Degree 5-31-54

### INTERNSHIP:

1954-55 Internship, General Rotating, Southern Pacific General Hospital, San Francisco, CA that included a two month rotation to a branch Hospital in Tucson, AZ. which had an 80 bed TB ward. (hospital was closed 1974)

### PRACTICE CRONOLOGY AND EXPERIENCE:

7/55-8/56 Preceptorship in Radiology ( Diagnostic and Therapeutic) Nuclear Medicine and General and Preventive Medicine. Maxfield Clinic-Hospital, Dallas, Texas, (under J.R. Maxfield, Jr., M.D. and Jack G.S. Maxfield, MD (closed 1990)

### 8/56-7/59 Active Duty, U.S. Navy

8/56-3/57 Chief, Radioisotope Lab, US Navy Hospital, Chelsea, MA. Established nuclear medicine program. Participated in radiology residency program including radiation physics at MIT and clinical conferences at Mass. General Hospital and Peter Bent Brigham Hospital. Member of Tumor Board and Radiation Safety Committee. (Hospital closed by Navy in 1970's),

4/57-7/59 Assistant Chief (1957); Chief (1958-59), Radioisotope Division, Department of Radiology, US Navy Hospital, Bethesda, MD, Instructor in Nuclear Medicine, U. S. Navy Medical School, Bethesda, MD. Responsible for Diagnostic and Therapeutic Clinical Nuclear Medicine. Clinical nuclear medicine included positron brain scans with Copper 64 and Arsenic 74 and research in production and utilization of short half-life radioisotopes utilizing a small nuclear reactor. Supervised and taught physicians, nurses and technicians courses in nuclear medicine. Member of Tumor Board, Radiation Safety Committee and Plutonium Decontamination team.

### Radiology Residency

7/59 - 6/60 Assistant Resident in Radiology, The Johns Hopkins Hospital, Baltimore, MD

7/60 - 6/61 National Institute of Health Clinical Fellowship in Cancer at the Johns Hopkins Hospital included 4 months of Radiologic Pathology at the Armed Forces Institute of Pathology in Washington, DC.

**Summary of Radiology Residency:** 24 months of approved radiology residency, at the Johns Hopkins Hospital plus 18 months of residency training granted by the American Board of Radiology in Radiology for active duty in the U.S. Navy for a total of 42 months residency in Radiology.

**Nuclear Medicine Residency**

American Board of Nuclear Medicine evaluated my training in Nuclear Medicine as fulfilling the 36 month residency requirement for examination by the Board making me board eligible when the American Board of Nuclear Medicine was established in 1972.

**Assistant Chief of Radiation Therapy**, Division of Dept. of Radiology, The Johns Hopkins Hospital, Baltimore, MD. Responsibility for clinical treatment and teaching. (7/61 - 9/61)

**Instructor in Radiology**, The Johns Hopkins University School of Medicine, Baltimore, MD (7/61 - 12/61)

**Acting, Chief of Radiation Therapy**, Division of Department of Radiology, The Johns Hopkins Hospital, Baltimore, MD. Responsibility for clinical treatment, teaching for medical students, interns and residents and research programs in radiation therapy and therapeutic nuclear medicine. Member of Tumor Board and Radiation Safety Committee. (9/61-12/61) Member of Tumor Board, U.S. Public Health Service, Baltimore, MD and Baltimore City Hospital, Baltimore, MD (02/62 - 02/64)

**Assistant Professor of Radiology**, The Johns Hopkins University School of Medicine, Baltimore, MD (02/64)

**Chief of Radiation Therapy**, The Johns Hopkins Hospital, Baltimore, MD. Responsible for clinical treatment programs, research and teaching of medical students, interns and radiology residents in radiation therapy and therapeutic nuclear medicine. Established liaison with chemotherapy sections of the Dept. of Medicine of the Johns Hopkins Hospital for clinical cancer treatment and research programs. (12/61 - 2/64)

**Chief, Radiation Therapy Dept. and Co-chairman Biophysics Lab** (Nuclear Medicine) Ochsner Clinic and Ochsner Foundation Hospital, New Orleans, LA. Responsible for clinical programs, teaching interns and radiology residents, and research activities in radiation therapy and nuclear medicine. Member of Tumor Board and Radiation Safety Committee and Executive Committee of the Ochsner Clinic. (2/64 - 6/68).

**Clinical Professor of Radiology**, Tulane University School of Medicine, New Orleans, LA. Responsible for resident interns and medical school teaching. (4/64 - 6/68)

**Professor and Chairman**, Dept. of Radiology, Louisiana State University Medical School, New Orleans, LA. (7/68 - 6/72) In addition to teaching responsibilities, clinical duties included: (1) **Senior Physician**, Radioisotope Lab, Charity Hospital, New Orleans, LA. (1968-70), (2) **Chief**, Radioisotope Lab, Earl K. Long Memorial Hospital, Baton Rouge, LA (1970-72); (3) **Chief of Radiology**, Lafayette Charity Hospital, Lafayette, LA. (1968-72). Member of Tumor Boards and Radiation Safety Committees at these hospitals. Member of Tumor Board, V.A. Hospital and US Public health Hospital, New Orleans, LA.

**Private Practice of Radiation Oncology, Radiology (Diagnostic and Therapeutic), Nuclear Medicine, Hyperbaric Medicine with Monoplace Chambers and General and Preventive Medicine** in the Tampa Bay area. (7/72-6/88)

**Director of Radiation Therapy**, University Community Hospital. Member of Tumor Board and Radiation Safety Committee. (1972-76)

**Consultative Practice of Nuclear Medicine**, 1028 Manatee Avenue East, Bradenton., Florida (1/74-9/75).

**Medical Director**, Gulf South Radiation Therapy Center of Tampa, Inc., 3000 Medical Park Drive, Tampa, Florida (9/74-8/83) installed the 1<sup>st</sup> linear accelerator in the Tampa Bay area in 1974. Gulf South Radiation Therapy Center, 198 14th Street SW, Largo, FL (3/80-6/88) installed the 1<sup>st</sup> linear accelerator

in Pinellas County in 1980. Member of Tumor Board, Cancer Control Committee and Radiation Safety Committee, Largo Medical Center Hospital. (3/80 - 1988)

**Medical Director for Radiology, Preventive Health Programs** Supervisor and clinical practice of Radiology at US Army Hospitals. Irwin Army Hospital, Fort Riley, KS. Ireland Army Hospital, Fort Knox, KS. And Eisenhower Army Hospital, Fort Gordon, GA. (6/77-1/78)

**Practice of Nuclear Medicine**, 3000 Medical Park Blvd. #100, Tampa, Fl. 1978-1983

**Medical Director**, Gulf South Hyperbaric Oxygen Therapy (1980-88)

**Medical Director**, Institute of Hyperbaric Medicine, Tampa, FL (1983-1986)

**Diagnostic Radiology, (Diagnostic and Therapeutic), Nuclear Medicine, Hyperbaric Medicine with monoplace chambers, Consultation in Radiation Oncology and General and Preventive Medicine (7/88 - 4/96).**

**Medical Director, Diagnostic Radiology, Nuclear Medicine, Ultrasound and Hyperbaric Oxygen Therapy**, Gulf South Center, 920 South Myrtle Ave. Clearwater, Florida (7/88- 10/89)

**Radiologist for Med-Imaging**, out patient imaging center, General Radiology, Mammography, CT, Ultrasound and Hyperbaric Oxygen Therapy, 10333 Seminole Blvd., Largo, FL (10/89 - 12/90)

**Radiologist for Stanley Moles, MD and Assoc.**, Largo, Fl. Mammography, Ultrasound and Nuclear Medicine including SPECT Camera (6/88 - 10/91) **Radiologist for Peoples Quickcare Walk-In Clinic** (5/90- 94) **Medical Director**, Modern Health Strategies, Outpatient Imaging Center, General Radiology, Mammography, Ultrasound and Nuclear Medicine 6247 Seminole Blvd., Seminole, FL (1/91-3/93)

**Hyperbaric Medicine and Radiology**, Tarpon Springs and Palm Harbor, FL (3/93-6/94) Continued with consultation in Radiation Oncology and General and Preventive Medicine (3/93-6/94).

**Diagnostic Imaging and Hyperbaric Medicine** with consultation in **Radiation Oncology and General and Preventive Medicine**, 33920 US Hwy. 19 North, 4151, Palm Harbor, FL and 2495 Tampa Road #J, Palm Harbor, FL (6/94 - 4/96)

**Radiologist**, Palm Harbor Walk In Clinic (6/94 - 4/96)

**Radiologist**, Ultrasound Business Services (1993 -97)

**Radiologist**, Family Clinic, General Radiology, Mammography and Ultrasound, New Port Richey, FL (1994-96)

**Locum Tenens** 4/96 - present (see attached)

#### **CERTIFICATION**

**American Board of Radiology**, 12/8/61, Radiology with Nuclear Medicine Medallion. The American Board of Radiology considers certification in Radiology in 1961 equivalent to certification in Therapeutic Radiology in 1961.

**American Board of Nuclear Medicine**, 5/18/73

**American Board of Hyperbaric Medicine**, 5/15/88, Founding Member

#### **ACTIVE MEDICAL LICENSES**

Florida	3/6/70	ME0015266	By examination, current
Texas	8/14/54	C4442	By examination, current

#### **MILITARY SERVICE**

**ACTIVE DUTY**: U.S. Navy 8/30/56 - 7/6/59; **Chief**, Radioisotope Laboratory, U.S. Navy Hospital, Chelsea, MA; **Chief**, Radioisotope Laboratory, U.S. Navy Hospital, Bethesda, MD.

**RESERVE DUTY**: 1959-64, Medical Officer destroyer escort squadron, Washington, D.C.

**AUTHOR**

Thirty-eight scientific articles, twelve abstracts, nine scientific exhibits, two short communications and one video tape.

**WILLIAM S. MAXFIELD, M.D.  
LOCUM TENENS**

<p>Perimmunc, Inc. 1330 Piccard Drive Rockville, MD 20850-4396 Telephone (301)258-5200 - FAX (301)840-2161 Review of cases, CT's and SPECT Scans for monoclonal antibody project.</p>	<p>4/15/96 - 4/28/96</p>	<p>Contact Person: Donald Marks, MD, Ph.D</p>
<p>International Radiology Institute, Inc, 1330 Hiline Drive Dallas, TX 75207 Telephone (214) 653-2431 - FAX (214) 653-2452 General Radiology, CT and Mammography</p>	<p>5/1/96 - 5/17/96</p>	<p>Contact Person: Richard Broker</p>
<p>Elias Radiology Assoc., P.A. 8700 N. Kindall Drive, Suite 212 Miami, FL 33176 Telephone (305) 598-6300 - FAX (305)598-8445 General Radiology, CT, Mammography and Ultrasound</p>	<p>5/28/96 - 9/25/96</p>	<p>Contact Person: Robert Elias, MD</p>
<p>Department of Radiology North Shore Medical Center, Inc. 1100 NW 95th St. Miami, FL 33150 Telephone (305) 835-6000 General Radiology</p>	<p>6/3/96 - 9/27/96</p>	<p>Contact Person: Michael Silberman, MD</p>
<p>Ocean Medical Center 4001 Ocean Drive, Suite 105 Lauderdale By The Sea, FL 33308 Telephone (954) 771-4000 Fax (954) 776-0670 Hyperbaric Medicine and Assistant Medical Director Neurodiagnostic and Treatment Center, C.O.R.F. (6/1/96 - 12/30/96)</p>	<p>6/1/96 - 12/31/96 Consultant to Ocean Medical Center 1/1/97 to present</p>	<p>Contact Person: Richard A. Neubauer, MD</p>
<p>Manatee Diagnostic Center, Inc. Riverside Drive E. Suite 4300 Bradenton, FL 34208 Telephone (941) 747-3034 FAX (941) 745-5974 General Radiology, CT, MRI, Ultrasound, Director of Nuclear Medicine Department and Breast Service</p>	<p>10/1/96 to present</p>	<p>Contact Person: Angus W. Graham, Jr. MD</p>
<p>West Loop MRI 3115-West Loop South Suite B Houston, TX 77027 Telephone 713-960-1166 General Radiology &amp; MRI</p>	<p>7-13 to 7-17 1998 7-27 to 7-29</p>	<p>James A Cain M.D.</p>

## SUMMARY OF EXPERIENCE

### 1 - DIAGNOSTIC RADIOLOGY

Extensive experience in all phases of general diagnostic radiology including ultrasound, CT and brain and spine MRI. As Professor of Radiology at LSU Medical School, I supervised and participated in radiology programs at LSU Medical School and at affiliated hospitals. From 6/77-2/78 I was Medical Director for the diagnostic radiology programs of Preventive Health Programs Inc., for civilian radiology contracts at US Army Hospitals at Ft. Knox, Ft. Riley and Ft. Gordon. Duties included supervision of Radiology Departments and participation in Diagnostic Radiology, Nuclear Medicine, and Ultrasound. From 7/78-6/80 I was a part-time radiologist at the Diagnostic Clinic, Largo, FL. Duties included general diagnostic radiology, mammography, nuclear medicine and ultrasound. Since June 1988 I have practiced diagnostic radiology (including CT and ultrasound and MRI), and nuclear medicine in outpatient centers.

### 2 - NUCLEAR MEDICINE

Licensed by AEC and agreement states for diagnostic and therapeutic use of radionuclides from 1956 to present. Extensive experience in all phases of diagnostic, including SPECT, therapeutic, and research use of radionuclides, including position scanning. I have designed and established several nuclear medicine laboratories as well as participated in clinical teaching and research projects. Co-developer of the technique of synovial joint scanning. I have read SPECT brain scans on over 400 cases of neurological pathology including Stroke, Brain trauma, Cerebral Palsy and Lyme disease.

### 3 - MAMMOGRAPHY

As a radiation therapist, I read the mammograms and examined the breasts on all my patients from 1961-1988. During my residency, I reviewed the mammography file at the Armed Forces Institute of Pathology. I had the opportunity to review the mammography teaching file of Jacob Gershon-Cohen, M.D. and read mammograms from the Senograph Mammography Unit starting in 1969. In my teaching positions, I have taught mammography to technicians, medical students, interns, and radiology residents in excess of 100 hours. For the past five years I have read more than 2000 -mammograms per year from dedicated mammography units and am current on CME's for mammography. I have been the Radiologist for several ACR and FDA accredited mammography programs. Co-author of first publication on synergism between estrogen and radiation in production of breast cancer. As Chief of Radiation Therapy at Johns Hopkins Hospital I participated in the weekly breast clinic conducted by Edward Lewison, M.D., Chief of Breast service at Hopkins.

### 4 - HYPERBARIC MEDICINE

Familiarity with hyperbaric medicine during active duty with the US Navy while teaching nuclear medicine to medical officers and medical technologists for the USN nuclear sub program, and as a member of the Plutonium Decontamination Team. In the late 1960's, hyperbaric oxygen chambers were ordered while I was Chief of Radiation Therapy at the Ochsner Foundation Hospital. I became a member of the Underseas Medical Society in 1979 and established a hyperbaric oxygen therapy program with two monoplace chambers in September 1980 at the Gulf South Radiation Therapy Center, Largo, FL. Currently Hyperbaric Medicine consultant to monoplace hyperbaric oxygen chambers, at Ocean Medical, Lauderdale by the Sea FL. August 1998 to present - Medical Director - Hyperbaric Oxygenation Corporation, Coquitlam, B.C. Canada. Extensive experience in all phases of Hyperbaric Medicine with special interest in treatment of Neurological disease including: stroke, multiple sclerosis, brain trauma, cerebral palsy, lyme disease, autism and ataxia telangiectasia. Also experience in use of hyperbaric oxygen for treatment of asthma, emphysema and joint replacements as well as cancer and other diseases such as ulcerative colitis and rheumatoid arthritis.

## **5 - GENERAL MEDICINE**

Extensive clinical experience in general medical practice during medical school and internship. During medical school, summers were spent as extern at the Maxfield Clinic-Hospital, Dallas, TX. in radiology, radiation, oncology, nuclear medicine and general and preventive medicine. During active duty with the US Navy there was regular emergency room duty. While in Navy Reserve Program, I provided medical care for approximately 900 officers and crew of 3 destroyer escorts from base on USS Kelley. Ensuing years of general medical experience as provision of second opinions and as a consultant to employees seeking general and preventive medicine and second opinions. In 1972-74 was involved in one of the first walk-in clinics on a regular basis. First Medical Director of the Hospice of Pinellas program which was the 1<sup>st</sup> hospice program on the west coast of Florida (1981-83)

## **6 - PREVENTATIVE MEDICINE**

Research and experience in early diagnosis. For example Synovial Membrane joint scanning for early diagnosis of arthritis. Developed the major organ profile scan for detection of early brain, kidney, vascular and joint disease. Use of vitamins and supplements to improve clinical response for over 30 years. Recognition in the early 1960's of the importance of diet and activity on health.

## **7 - RADIATION THERAPY**

Supervoltage Telecobalt-60 Therapy, 1955-88, Van de Graff 2MV accelerator, 1959-64, 4MV linear accelerator 1971-88. Installed first linear accelerator in Hillsborough County in 1974 and first in Pinellas County in 1980. Extensive experience with interstitial implant techniques using C060, IR192, AU198, radon seeds, radium CS137 and I125 seeds. Extensive experience with superficial and orthovoltage therapy. I have designed six radiation therapy departments and participated in the start up of the Gulf South Radiation Therapy Center, 2800 Napoleon Ave., New Orleans, LA. (Co-director 11/75-12/76). I established Gulf South Radiation Therapy Center, Tampa, FL 1974 and Largo, FL. 1980 and practiced radiation therapy until June 1988. I continue to follow my radiation therapy patients and consult in Radiation Oncology. Many of the patients in my hyperbaric medicine practice are for treatment of complications of radiation therapy. These patients provide experience in the long term adverse effects of radiation therapy treatment.

## **8 - RADIATION SAFETY**

Member, Radiation Safety Committee, US Navy Hospital, Chelsea, MA, 1956-57. Member Radiation Safety Committee, US Navy Hospital, Bethesda, MD, 1957-59; Member, USN Plutonium Decontamination Team, 1957-59; Member, Radiation Safety Committee, The Johns Hopkins Hospital, Baltimore, MD, 1961-64. Chairman, Radiation Control Committee, Ochsner Institutions, New Orleans, LA, 1964-68. Chairman, Radiation Control Committee, LSU School of Medicine New Orleans, LA, 1968-71, Chairman, Public Health Subcommittee, Southern Governors Task Force on Nuclear Power Policy, 1969-70; Consultant in nuclear medicine for Ingalls Shipbuilding Nuclear Sub Program, Pascagoula, MS, 1971-74; Representative for Louisiana to Medical Liaison Officer Network of U.S. Public Health Service and Atomic Energy Commission 1968-78. Member, Radiation Control Committee, Largo Medical Center Hospital, Largo, FL, 1978-89. Author of two chapters on the acute radiation syndrome and co-author other articles on acute radiation effects including the first report on the synergism between estrogen and radiation in the production of breast cancer.

## **RESEARCH PROJECTS, GRANTS AND FELLOWSHIPS**

National Institute of Health

Clinical Cancer Fellowship at Johns Hopkins Hospital, Baltimore, MD 1960-61

Research funding from general research grant of National Institute of Health for initial investigation of the application of scanning techniques for study of the synovial membrane of the extremities, Ochsner Foundation Hospital, New Orleans, LA. 1964

Research grant from Arthritis Foundation, Louisiana Chapter for initial research and continuation in synovial membrane scanning for detection of arthritis, Ochsner Foundation Hospital, New Orleans, LA 1965-68

Research funding in clinical application of lung scanning, E. R. Squibb & Son, Ochsner Foundation Hospital, New Orleans, LA 1964-65

American Cancer Society Research Grant, Greater New Orleans Chapter, for evaluation of bone scanning as a diagnostic aid in cancer patients, Ochsner Foundation Hospital, New Orleans, LA

Speakers Bureau for Nuclear Medicine, Chicago -- Topics - Diagnostic and Therapeutic Nuclear Medicine. 1965-76

Funding from Lucille Reid Foundation for investigation of clinical use of mammography and thermography in detection of cancer and arthritis, LSU Medical School and Ochsner Foundation Hospital, New Orleans, LA 1969-72

Participation in research funded by Proctor & Gamble on use of  $^{99m}\text{Tc}$  Pyrophosphate for early detection of bone metastasis in patients referred for radiation therapy, University Community Hospital, Tampa, FL 1974-75

Research project in clinical use of hyperthermia for treatment of cancer, Tag-Met Corp., Gulf South Therapy Center, 1981-88

Clinical evaluation of the hyperbaric oxygen therapy in multiple sclerosis, stroke, cerebral palsy, Ataxia Telongectosia, asthma, infected and migrating joint prosthesis, Lyme disease and emphysema, 1981-present

Dupont Pharmaceuticals -- Member of Speakers Bureau for Scintimammography and assistance for lecturers & exhibits 1998-present.

#### **SPECIAL COURSES**

Oak Ridge Institute of Nuclear Studies, Oak Ridge, TN. Course on Radioisotope Techniques  
8/30/48 - 9/24/48

Ohio State University, Columbus, OH. Isotopes in Clinical Medicine. William Myers, MD, Ph.D.  
3/19/56 - 3/31/56

Harper Hospital, Detroit, MI. Training in Radioisotope Lab under Kenneth E. Corrigan, Ph. D.,  
7/9/56 - 7/19/56

## DELEGATIONS AND SYMPOSIUMS

Member, Scientific Exhibit Section, United States Medical Delegation to the Second International Atoms for Peace Conference, Geneva, Switzerland, (9/58)

Representative, Society of Nuclear Medicine, IX International Congress of Radiology, Punta Del Este, Uruguay (12/67)

Member, US Delegation, International Atomic Energy Agency Scintillation Scanning Symposium, Salzburg, Austria (8/68)

Hyperacute Hyperbaric Oxygen Therapy: Invited member of International Symposium, to explore use of hyperbaric oxygen therapy in Ischemic Stroke. Bowman Gray Graylan Center. Nov 2-4 1998 Winston Salem NC.

National Institute of Health. Institutional Neurological Disorders and Stroke (NINDS) Workshop on A-T (Ataxia Telenangiectasia) Neuropathy. Invited participant and presented lecture: Hyperbaric Oxygen Therapy for treatment of A-T experience with one case. Bethesda MD 3-11 to 3-13, 1998.

Congress on Cerebral Ischemia, Vascular Dementia, Epilepsy and CNS injury, World Federation of Neurology. Member of task force that developed protocol for use of Hyperbaric Oxygen Therapy in Treatment of non hemorrhagic stroke. Washington DC May 9-14, 1998

## CONSULTANT

Tumor Clinic, US Navy Hospital, Chelsea, MASS 1956-57

Tumor Clinic, US Navy Hospital, Bethesda, MD (1957-59)

Tumor Clinic, US Public Health Service Hospital, Baltimore, MD (1961-64)

Tumor Clinic, Baltimore City Hospital, Baltimore, MD (1961-64)

Nuclear Medicine Lab, US Public Health Service Hospital and VA Hospital, New Orleans, LA (1966-72)

Radiation Therapy and Nuclear Medicine, Radiology Associates, Lafayette, LA (1968-72)

Tumor Clinic, Lafayette Charity Hospital, Lafayette, LA (1969-72)

Radiation Therapy and Nuclear Medicine, Houma Medical and Surgical Clinic, Houma, LA (1969-72)

Radiation Therapy, Dept. of Radiology, Baton Rouge General Hospital, Baton Rouge, LA (1971-72)

Chairman, Tumor Board and Member Cancer Control Committee, HCA Largo Medical Center Hospital, Largo, FL, (1978-88)

Hyperbaric Medicine, Institute of Hyperbaric Medicine, Tampa, FL (1983-87)

- Southern Pacific General Hospital, San Francisco, CA (7/54 - 6/55) Intern - general rotating
  - Maxfield Clinic/Hospital, Dallas, TX (7/55 - 8/56) Staff, Radiology and Nuclear Medicine (extern - summers 50-53)
  - US Navy Hospital, Chelsea, MA (9/56 - 3/57) Staff, Nuclear Medicine
  - US Navy Hospital, Bethesda, MD (3/57 - 6/59) Staff, Nuclear Medicine
  - The Johns Hopkins Hospital, Baltimore, MD (6/59 - 2/64) Radiology Resident and Chief, Radiation Therapy
  - Baltimore City Hospital, Baltimore, MD (1961-64) Consulting Staff, Radiation Therapy
  - US Public Health Hospital, Baltimore, MD (1961-64) Consulting Staff, Radiation Therapy
  - Ochsner Foundation Hospital, New Orleans, LA (1964-68) Staff, Chief Radiation Therapy and Co-Chairman Nuclear Medicine
  - Southern Baptist Hospital, New Orleans, LA (1968-78) Consulting Staff, Radiation Therapy
  - Charity Hospital, New Orleans, LA (1964-72) Consulting Staff, Radiation Therapy and Nuclear Medicine
  - Earl K. Long Memorial Hospital, Baton Rouge, LA (1968-72) Staff, Radiation Therapy and Nuclear Medicine
  - Lafayette Charity Hospital Lafayette, LA (1968-72) Staff, Radiology
  - VA Hospital, New Orleans, LA (1968-72) Consulting Staff, Nuclear Medicine
  - Public Health Hospital, New Orleans, LA (1965-72) Consulting Staff, Nuclear Medicine and radiation Therapy
  - Lafayette General Hospital, Lafayette, LA (1968-72) Consulting Staff, Radiology Radiation Therapy and Nuclear Medicine
  - Terrabonne General Hospital, I Houma, LA (1966-72) Radiation Therapy and Nuclear Medicine
  - Baton Rouge General Hospital, Baton Rouge, LA (1970-71) Consulting Staff, Radiation Therapy and Nuclear
  - Mary Bird Perkins Radiation Therapy Center, Baton Rouge, LA (1970-72) Staff, Radiation Therapy and Nuclear Medicine
  - East Jefferson Hospital, New Orleans, LA (1970-72) Consulting Staff, Radiation Therapy
  - Mercy Hospital, New Orleans, LA (1968-72) Consulting Staff, Radiation Therapy
  - Tampa General Hospital, Tampa, Ft, (1972-75), Staff, Radiation Therapy
  - University Community I Hospital, Tampa, FL (1972-77) Staff, Radiation Therapy
  - Community Hospital, Newport Richey, FL (1972-77) Consulting Staff Radiation Therapy
  - Centro Asturiano Hospital, Tampa, FL (1972-85) Consulting Staff, Radiation Therapy
  - Harborside Hospital, St. Petersburg, FL (1983-85), Consulting Staff, Hyperbaric Oxygen Medicine
  - Horizon Hospital, Clearwater, Ft. (1988-90) Active Staff, Radiology
  - Centro Espanol I Hospital, Tampa, FL (1972-85) Consulting Staff, Radiation Therapy
  - Largo Medical Center Hospital, Largo, FL (1972-89) Active Staff, Radiology, Radiation Therapy and Hyperbaric Medicine
  - Clearwater Community Hospital, Clearwater, FL (1982-89) Active Staff, Radiation Therapy
  - University General Hospital, Largo, FL (1988 - 1997), Consulting Staff Radiology, closed by Columbia 1997
- US Army Hospitals:**
- Irwin Army Hospital, Fort Riley, KS (6/77 - 2/78) Staff, Radiology
  - Ireland Army I Hospital, Fort Knox, KY (7/77 - 2/78) Staff, Radiology
  - Eisenhower Army I Hospital, Fort Gordon, GA (8/77 - 2/78) Staff, Radiology
- Present:**
- North Shore I Hospital, Miami, FL (6/97 - 10/97) Active Staff, Diagnostic Radiology (now on inactive status)
  - Bay Shore Medical Center Hospital, Active Staff, Diagnostic radiology, 1999 Pasadena, TX 1999 to present.
  - Princeton Hospital, Active Staff, Diagnostic Radiology, Orlando, FL 1999 to present.

## ACADEMIC APPOINTMENTS

- Instructor of Nuclear Medicine, USN Medical School, Bethesda, MD 1957-59
- Instructor and then Assistant Professor of Radiology, Chief of Radiation Therapy, The Johns Hopkins University School of Medicine, Baltimore, MD 1961-64
- Clinical Professor Radiology, Tulane University School of Medicine, New Orleans, LA 9/64 - 6/68
- Professor and Chairman, Dept, of Radiology, LSU School of Medicine, New Orleans, LA 7/68-7/72
- From 1972 to present I have continued to participate in teaching radiation oncology, diagnostic radiology, nuclear medicine and hyperbaric medicine (since 1981) to physicians and paramedical personnel.

## APPOINTMENTS

- Member, Medical Advisory Board, Louisiana State Nuclear Energy board, 1968-79
- Representative for Louisiana to Medican Liaison Officer Network of US Public Health Service and Atomic Energy Commission, 1968-78
- Member, FDA Radioactive Pharmaceutical Advisory Committee, 1970-74
- Chairman, Public Health Subcommittee, Southern Governor's Task Force on Nuclear Power Policy, 1969-70
- Board of Trustees, American Cancer Society, Greater New Orleans area, 1969-71
- Member, Committee on Education, American Cancer Society, Greater New Orleans area, 1971-72
- Board of Trustees, Arthritis Foundation, Louisiana Chapter, 1968-71
- Chairman, Cancer Committee, Louisiana Regional Medical Program, 1968-72
- Chairman, Teaching Sessions, Society of Nuclear Medicine, 1966. Member of committce 1967-69
- Member of Program Committee in Nuclear Medicine for Radiological Society of North America, 1968-73
- Member, Scientific Exhibits Committee, Radiological Society of North America, 1972-77
- Member, American College of Radiology Subcommittee on Resident Training, 1971-73
- Louisiana Representative, American College of Radiology Committee on Cancer Management, 1969-71
- Director, Foreign Relations Association, New Orleans, LA 1971-72
- Director, Gulf National bank, Gulfport, MS 1968-71
- Director, Ellis National Bank of North Tampa, Tampa, FL 1972-74
- First Medical Director, Hospice, Inc., Pinellas county, FL 1981-82
- Member, American Cancer Society, Pinellas County Professional Education committee 1982-86 and Board of Trustees 1984-86
- Director, Board of Trustees, Multiple Sclerosis Society, Florida West Coast Chapter, 1982-87. Also member of Education Committee. Chairman, Board of Trustees, 1985-86
- Director, Ellis Family Foundation, Tarpon Springs, FL 1986-89

## MEMBERSHIPS - PAST AND PRESENT

- American Medical Association, 1955-88 and 1999 to present
- American Roentgen Ray Society, 1968-1988 and 1999 to present
- American Society of Therapeutic Radiologists, 1961-90
- American Society of Clinical Oncology, 1967-88
- American College of Radiology, 1962-present
- Southern Medical Association, 1955-89
- American Society of Thermography, 1970 Charter Member
- Fellow, Royal Society of Health, 1970-89
- American Radium Society, 1964-1990
- Sociedad de Biología e Medicina Nuclear de México, (Honorary Member), 1972
- Radiological Society of North America, 1961-89
- American College of Nuclear Medicine, 1971, Charter Member; Fellow, 1975
- Society of Nuclear Medicine, 1956, Charter Member SW Chapter
- Florida State Medical Association, 1972 to present
- Association of Community Cancer Centers, 1974 Charter Member - 1989
- Underseas Medical Association, 1979-94
- American College of Nuclear Physicians, 1974-1988
- Florida State Radiological Society, 1973
- American Endocrine Society, 1984-89
- American College of Hyperbaric Medicine 1983 Charter Member
- Louisiana State Medical Society, 1964-1978
- New Orleans Medical Society, 1964-1978
- Hillsborough County Medical Association, 1972-1980
- Pinellas County Medical Society, 1980-1989
- Manatee County Medical Association, 1997 to present

## MEDICAL SOCIETIES OFFICES HELD

### Society of Nuclear Medicine

Vice President Elect, 1967-68

Vice President 1968-69

Board of Trustees 1974-78

### Southwestern Chapter Society of Nuclear Medicine

Board of Trustees, 1967-70 Ex-Officer Member to present

President Elect 1971-72

President 1972-73

### American College of Nuclear Medicine

President Elect 1973-74

President 1974-75

### American College of Radiology Commission on Nuclear Medicine

Liaison from ACNM 1975-88

Southeastern Chapter, Society of Nuclear Medicine Board of Chancellors 1974-78

### American College of Hyperbaric Medicine

Board of Directors 1983

Vice President 1990-91

### American Board of Hyperbaric Medicine

Board of Directors 1983-present

### LICENSED TO PRACTICE MEDICINE

California	10/11/55	A 16642	By examination, not renewed
Florida	3/6/70	ME0015266	By examination, current
Georgia	10/12/77	18928	By reciprocity, not renewed
Kansas	12/9/77	17290	By reciprocity, not renewed
Kentucky	9/22/77	19213	By reciprocity, not renewed
Louisiana	6/13/64	2235	By reciprocity, not renewed
Maryland	7/27/61	7300	By reciprocity, not renewed
Mississippi	6/12/70	6069	By reciprocity, not renewed
Texas	8/14/54	C4442	By examination, current

## REFERENCES

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- Richard Neubauer, M.D., 4001 N. Ocean Blvd., Lauderdale by the Sea, FL 33308 (800) 552-0255
- George H. Porter, M.D., President, Ochsner Foundation Hospital, New Orleans, LA 70121 (504) 838-3000
- William Richards, M.D., Diagnostic Clinic, 1551 W. Bay Drive, Largo, FL 33540 (813) 581-8767
- Helene Tanous, M.D. 4437 Vieux Carrie, Lutz, FL 33549 (813) 977
- Glen Chapman, M.D., Palm Harbor Walk In Clinic, 34621 US 19 North, Palm Harbor, FL 34684 (813) 786-1661
- Angus Graham Jr., M.D. 300 Riverside Drive E, #4300 Bradenton, FL 34208 941-748-8077 ext 123

## SCIENTIFIC EXHIBITS

- Treatment of Osseous Metastasis with Radioactive Phosphorous (P32). J. R. Maxfield, Jr., Jack G.S. Maxfield, MD and William S. Maxfield, MD. Eighth International Congress of Radiology, Mexico City, Mexico, 1956.
- Production and Utilization of Short Half-Life Radioisotopes. E. R. King, MD, William S. Maxfield, MD, Robert Sharp, MS, Thomas G. Mitchell, Ph.D and Robert Druyan, MD. Second International Atoms for Peace Conference, Geneva, Switzerland., 1958.
- Joint Examination by Scintillation Scanning. Thomas E. Weiss, MD, William S. Maxfield, MD, Paul J. Murison, MD and John U. Hidalgo, MS. AMA. 1965. Certificate of Merit.
- Joint Scanning. William S. Maxfield, MD, Thomas E. Weiss, MD, Paul J. Murison., MD and John U. Hidalgo, MS. Society of Nuclear Medicine Meeting, 1965. IX International Congress of Radiology, Rome, 1965.
- Camera Scans of Transplanted Kidneys. William S. Maxfield, MD, Julio Figueroa, MD, Robert Birchal, MD and Hugh M. Batson, MD Southern Medical Association, 1968. Radiological Society of North America, 1968.
- Scintillation Camera in Pediatric Renal Disease. Stanton E. Shuler, MD, William S. Maxfield, MD and Lynn R. Witherspoon, MD. Southern Medical Association, 1969. North Carolina Medical Association, 1970, Outstanding Scientific Exhibit. Third Latin American Congress of Nuclear Medicine and Radiobiology, 1970. Southern Chapter Society of Nuclear Medicine, 1972.
- Heterotopic Ossification in Surgical Abdominal Scars. Helene Tanous, MD, Jeffrey Bush, MD, William S. Maxfield, MD, Rafael Gomez, MD and Stuart Frenchman, M.D. Radiological Society, 1983. Southern Medical Association.
- Why Not Hyperbaric Oxygen Therapy for A-T. William S. Maxfield, MD and Richard A. Neubauer, MD. Ataxia-Telanjectasia and ATM: Functional, Genetic and Clinical Ramifications. International Symposium, Baltimore, MD, August 8-10, 1997.
- Scintimammogram: One Years Experience in a Community Imaging Center. William S. Maxfield, MD, Angus W. Graham, Jr., MD, Denis M. Cavanagh, MD and Pramode R. Bhandary, M.D. 10<sup>th</sup> International Congress on Breast Disease of the Senologic International Society (SIS), Oporto, Portugal, May 3 I-June 4, 1998.

## VIDEO TAPES

- Hyperbaric Oxygen Therapy for the Difficult Case. William S. Maxfield, MD and Antonio Vieira, MD. Brazilian Congress of Plastic Surgery, Rio de Janeiro, Brazil, 1984.

## ABSTRACTS.

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- Mockstroth, G.R., Yoder, R.D., Matherne, R.J., Sweeney, J.W., Nice, C.M., Jr., Maxfield, W.S., Becker, H.C. and Myers, P.H.: Scintillation Scan Image Conditioning with a Digital Computer. Presented at the Radiological Society of North America, Chicago, IL, December, 1965.
- Maxfield, W.S., Figueroa, J.E. and Birchall, R.: Scanning of Transplanted Kidneys. Presented at the Society of Nuclear Medicine, St. Louis, MO, June 28, 1968; *Journal of Nuclear Medicine* 9, p. 336, June, 1968.
- Maxfield, W.S. and Watson, J.D.: Strontium-85 Bone Scan as an Aid in the Selection of Patients for Phosphorus-32 Therapy of Skeletal Metastasis. *Journal of Nuclear Medicine* 8, p.390, Part 11, May, 1967.
- Maxfield, W.S., Weiss, T.E., Murison, P.J. and Watson, J.D.: Three Years Experience with Joint Scanning. *Journal of Nuclear Medicine* 8, p. 273, April, 1967.
- Shuler, S.E. and Maxfield, W.S.: Comparison of Intravenous Pyelogram and Camera Renogram in Pediatric Patients. *Journal of Nuclear Medicine* 10, p.370, June, 1969.
- Maxfield, W.S., Miale, A. And Krause, J.S.: Consultation via Telephone Transmission of Scans, *Journal of Nuclear Medicine* 6, p. 549, June, 1975.
- Krause, J.S., Maxfield, W.S. and Miale, A.: An Approach for Standardization of Scan Transmission via Telephone. *Journal of Nuclear Medicine* 6, p. 542, June, 1975.
- Maxfield, W.S.: Consultation by Telephone: Transmission of Scans via Teleimage System. *The Book of Abstracts*, issued for the XIV International Congress of Radiology, p. 164, S289, October, 1977.
- Maxfield, W.S. and Raines, B.A.: Pyoderma Gangrenosum and Ulcerative Colitis: A Case report of response to Hyperbaric Oxygen Therapy. Abs of Gulfcoast Chapter Annual Scientific Assembly, Saturday, March 16, 1991.
- Maxfield, W. S.: Hyperbaric Oxygen Therapy for Treatment of Infected and Migrating Prosthesis. Abstracts American College of Hyperbaric meeting and UHMS Gulfcoast Chapter Annual Scientific meeting, March 23, 1993.
- Maxfield, W.S. and Neubauer, R.A.: Why Not Hyperbaric Oxygen Therapy for A-T? Abstracts B-10 of Symposium on Ataxia Telongectasia and ATM: Functional, Genetic and Clinical Ramifications. Baltimore, MD. August 8-10, 1997.

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2. King, E.R., Maxfield, W.S., Sharp, R. and Druyan, R.: The Production and Medical Applications of Short Half-Life Radioisotopes. *Radiology* 71, p.860, December 1958.
3. Spencer, R. P., Koons, C.R., Maxfield, W.S. and King, E.R.: Clinical Diagnostic Studies of the Gastrointestinal Tract Utilizing Radio isotopes. *Southern Medical Journal* 51, p. 1374, November 1958.
4. Spencer, R. P., Pearson, H.A., Maxfield, W.S. and King, E. R.: Semimicro Method for Blood Volume and Erythrokinetic Determinations. *Acta Hematologic* 19, pp. 4-5,
5. Maxfield, W.S.: Medical Uses of Short Half-Life Isotopes. Proceedings of the Second Annual Texas Conference on the Utilization of Atomic Energy. November 12-13, 1959. A&M College of Texas, College Station, Texas, April, 1969, pp 57-61.
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8. Hatch, H.B., Maxfield, W.S. and Ochsner, J.L.: Radioisotope Lung Scanning in Bronchogenic Carcinoma. *Journal of Thoracic and Cardiovascular Surgery* 50, p. 634, November, 1965.
9. Weiss, T.E., Maxfield, W.S., Murison, P.J, and Hidalgo, J.U.: Iodinated Human Albumin (I- 131) Localization Studies of Rheumatoid Arthritis Joints by Scintillation Scanning (Preliminary Report) *Arthritis and Rheumatism* 8, pp.976-987, October, 1965.
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11. Weiss, T. E., Maxfield, W.S., Murison, P. J. And Hidalgo, J. U.: Scintillation Scanning of Rheumatoid Arthritic Joints. *Southern Medical Journal* 59, p. 484, December, 1966.
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Medical Society 119, pp.272-277, July, 1967.

15. Figueueroa, J. E., Maxfield, W.S., Batson, H. M., Jr. and Birchall, R.: Radioisotope Renal Function Studies in Human Renal Allograft-Value in Diagnosis of Obstructive Uropathy and Urinary Extravasation. *Journal of Urology* 100, pp. 104-108, August, 1968.
16. Maxfield, W.S.: Detection of Bone Metastasis - Skeletal Survey or Bone Scan? Monograph of papers presented honoring Dr. Russell H. Morgan at Rocky Mountain Radiological Society, August, 1967. Monograph Russell H Morgan, A \*t Tribute. Edited by Fabrikant, J.I. and Donner, M. W., p. 25, 1968.
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18. Figueueroa, J. E., Maxfield, W.S., Batson, H.M., Jr. and Birchall, R.: Radioisotope Renogram and Scintigram Studies in Renal Transplantation. *Southern Medical Journal* 61, p. 565, June, 1968.
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23. Maxfield, W.S. and Meckstroth, G. R.: Technetium 99m Superior Vena Cavography. *Radiology* 92 pp. 913-917, March, 1969.
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31. Maxfield, W. S.: Acute Radiation Syndrome, *Radiation Biology for Physicians*. Edited by Dalrymple, G. V., Volume 11, Chapter 8, pp. 1-17. Reprint Little Rock, 1971.
32. Maxfield, W. S., Weiss, T. E. and Shuler, S. E. : Synovial Membrane Scanning in Arthritis Disease. *Seminars in Nuclear Medicine* 2, pp. 50-70, January, 1972.
33. O'Neill, J. A., Jr. and Maxfield, W. S.: 1- 131 Hippuran Camera Renogram for Detection of Urologic Pathology in the Newborn. *Journal of Pediatric Surgery*, pp. 236-242, April, 1972.
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36. Maxfield, W.S., Silver, M., Graham, A.W., Miale, A. and Krause, J.: A Nuclear Medicine Screen for Early Detection of Urologic and Brain Neoplasms. Presented at the Third International Congress on the Detection and Prevention of Cancer. *Proceeding of Congress*, pp. 8871-884, 1978.
37. Shuler, S. E., Meckstroth, G. R. And Maxfield, W. S.: Scintillation Camera in Pediatric Renal Disease. *American Journal of the Diseased Child*, 120, pp. August, 1970.
38. Maxfield, W.S.: Acute Radiation Syndrome. *Medical Radiological Biology*, Edited by Hanks, G.E., Pizarelo, D. J. And Blackwell, L. H., pp. 190-1.97, Saunders, Duluth, MN, 1973.

#### **Short Publications**

Maxfield, W.S. :Scintimammography as an aid in detection of breast cancer. *MDC Insight*, Spring 1997

Maxfield, W.S.:SPECT Brain Scan. *MDC Insight*, Winter 1997-1998