



## Dr. Ghassan M Taraben

(AKA Rissan M Tarabein)

MD PhD FAAN

American Board-Certified  
Neurologist and Spinal Interventionist



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- LinkedIn: [www.linkedin.com/in/ghassan-taraben-17783471](http://www.linkedin.com/in/ghassan-taraben-17783471)
- Location: 3215 Algonquin Rd, Rolling Meadows IL 60008, USA
- Citizenship: Dual United States and Syria
- Languages: English, French, Judeo-Arabic, Spanish

## PROFESSIONAL SUMMARY

Highly accomplished, board-certified neurologist and neurosurgeon with over 35 years of experience in clinical practice, medical innovation, and international health leadership. Recognized as a Top Doctor in America and a World Leading Physician, Dr. Taraben specializes in minimally invasive neurosurgery, spinal interventions, DNA/gene modification therapy, and stem cell-based treatments for spinal cord injuries. Founder, CEO, and President of Cell Therapy International (CTI Inc.), driving regenerative therapies for neurological disorders globally.

### Key Skills:

- Minimally Invasive Neurosurgery
- Spinal Decompression & Intervention
- Stem Cell Therapy
- Gene Editing with (CRISPR) & CAS9
- Neurological Equipment Design
- Neuro-regeneration Research
- Clinical Trial Management
- Trauma Care & Emergency Medicine

## PATENTS & INVENTIONS (with USPTO)

1. Stem Cells Delivery Device (SCDD) and method for Spinal Cord Injuries and diseases

2023-06-01; Publication of US20230165905A1

## 2. Brain Aneurysm Manager

2022-11-24; Publication of US20220370218A1

## 3. Shoulder Saddle Baby Carrier

2023-08-24; Publication of US20230263315A1

## 4. Arabic Latinized

2023-07-13; Publication of US20230222296A1

# PROFESSIONAL EXPERIENCE

## Founder, CEO & President

Cell Therapy International (CTI Inc.) | 2017 – Present

- Pioneered regenerative neurology and stem cell applications in Morocco, Syria, and the MENA region.
- Led multidisciplinary research and clinical trials on neuron regeneration and cellular repair.

## Founder, CEO & President

Eastern Shore Neurology & Pain Center, Alabama | 1996 – 2017

- Established and grew the largest spinal intervention center in the Southeastern U.S., serving six states.

- Developed advanced protocols for pain management and neurosurgical procedures.

## Neurosurgery Resident

Université de Dijon, France | 1985 – 1990

- Trained under Prof. Boissel in spinal procedures and microsurgery techniques.

## Military Medical Director

Syrian Armed Forces Trauma Center, Lebanon | 1983 – 1985

- Directed trauma response operations during the Lebanese Civil War, fostering expertise in neurosciences.

## LEADERSHIP ROLES & POSITIONS

- Medical Director, Natus Medical International
- Trauma Medical Director, Coastal Emergency Medicine
- Founder & President, Islamic Institution International Organization (iiiORG.net)
- President, Rotary Club
- CEO & President of CTI, Inc, & DamasCur.net
- Chief of Staff, Shifa Hospital, Damascus.
- Chief of Doctors in the Syrian Armed Forces Medical Center in Lebanon.

## EDUCATION & TRAINING

### MD Diploma

University of Damascus School of Medicine | 1983

- Graduated with Honors, Accelerated 6-Year Program

### Neurosurgery Training

Université de Dijon, France | 1985 – 1990

### Neurology Residency

- Saint Louis University Hospitals | 1993 – 1994
- University of South Alabama | 1994 – 1996

### Research Fellowship

University of Wisconsin-Madison | 1990 – 1992

- NIH-funded neuroscience studies

### Board Certifications

- American Board of Psychiatry and Neurology
- ECFMG & Federation Medical Licensing Exam (USMLE)  
And FLEX (FEDERATION LICENCING EXAM).

## Other **Certifications**

- Advanced Trauma Life Support (ATLS)
- Advanced Cardiac Life Support (ACLS)
- Basic Life Support (BLS)
- EMG/NCS
- Neuroimaging
- Transcranial Doppler
- Spinal Stimulator Implants (Medtronics)

## HIGHLIGHTED INNOVATIONS (2023 – 2025)

- **Minimally Invasive Neurosurgery:** Developed protocols and equipment for percutaneous lesion extraction and spinal decompression using image-guided navigation.
- **Neurological Equipment Innovation:** Designed tools for real-time targeting of deep neural structures with minimal disruption.
- **Stem Cell Therapy:** Launched clinical initiatives using autologous and allogeneic stem cells for spinal cord injury repair.
- **Gene Editing & DNA Modulation:** Integrated CRISPR/CAS9-based platforms for neurodegenerative disease modeling and Gene Therapy.

- Multidisciplinary Research: Led cross-national collaborations in Morocco, UAE, Syria, and the U.S. on neuro-regeneration.

## PUBLICATIONS & PRESENTATIONS

- “Spinal Surgeries: Between Hope and Reality,” NAAMA International, Buenos Aires, 2012
- “Factors Influencing TTPATI and Stroke Management,” North American Stroke Society, 1995
- “Updates on Chronic Neck and Back Pain,” North American Spine Society, 1994
- “Migraine Headaches: A Comprehensive Review”
- Books on Amazon: Chronic pain, neuro-intervention, and medical memoirs

## PROFESSIONAL SOCIETIES

- American Academy of Neurology & Psychiatry
- North American Spine Society
- American Academy of Pain Medicine
- European Association of Neurosurgical Societies
- American Medical Association
- Alabama Neurological Association

- National Arab American Medical Association
- Rotary Club International

## HONORS & AWARDS

- Top Doctor in America (2012 – 2017)
- World Leading Physician
- National Leadership Award, U.S. Congress
- Physician Recognition Award, AMA
- Featured in MD News (8-page spotlight on neuroscience innovations)

## HOBBIES

- Book Writing & Editing
- Aviation
- Swimming
- Farming
- Chess
- International Travel

## PERSONAL PROFILE

Born in Damascus, Syria, in 1959, Dr. Taraben is a U.S. citizen, married with one daughter, and currently resides on the Gulf Coast of South Alabama. After retiring from clinical practice in 2017, remains an active mentor, lecturer, and speaker on spinal interventions and regenerative neurology.

## TIMELINE PROFILE

1. 1977: Graduated with Outstanding Honors from Ibn Khlaldou School, top 10 in Syria.
2. 1977 – 1984: Earned MD from University of Damascus School of Medicine with Honors.
3. 1983 – 1985: Served as Military Medical Director in Lebanon, earning a scholarship for neurosurgery training.
4. 1985 – 1990: Completed Neurosurgery Training at Université de Dijon.
5. 1990 – 1992: Research Fellowship at University of Wisconsin-Madison.
6. 1993 – 1996: Neurology Residency at Saint Louis University and University of South Alabama.
7. 1996 – 2017: Founded and led Eastern Shore Neurology & Pain Center.

**EASTERN SHORE NEUROLOGY & PAIN CENTER**

**R. M. Tarabain, M.D.**  
*Board Certified*

For All Types of Neurological Care & Pain Control

- Back & Neck Pain • Pain Management • Workers' Comp.
- Headaches • Sleep Disorders • Spinal Cord Injury • Fibromyalgia
- Depression & Anxiety • Behavioral & Learning Disorders • Dizziness
- Chronic Fatigue Syndrome • Memory & Concentration Deficits
- Hearing Deficit & Hearing Aids • Epilepsy • Imbalance • Falls Treatments

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- Chronic Fatigue Syndrome
- Sleep Disorders • Stroke Services
- Memory & Concentration Deficits
- Workers' Comp.
- Hearing Deficit & Hearing Aids
- Epilepsy • Fibromyalgia
- Imbalance • Dizziness
- Falls Treatments

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8. 2017 – Present: Founded Cell Therapy International (CTI Inc.), lectured doctors on the international arena on several occasions, developed several patent inventions with USPTO and now is establishing an international center for medical tourism headquartered in Damascus Syria, DamasCur.net.





## Education and Diplomas:

- 1) **General Science Diploma:** Mention “*outstanding excellence*”, qualified for the med-school accelerated six years program.
- 2) **MD Diploma:** With honors and awards, the Dean’s list.
- 3) **ECFMG Certificate.**
- 4) **Federation Licensing Certificate (FLEX)**
- 5) **Neurosurgery Training Certificate:** From the “*Université Du Dijon*” Department of neurosurgery, with a subspecialty in spinal interventions.
- 6) **American Board of Neurology & Psychiatry Diploma.**
- 7) **Certificates of successful completion of ATLS, ACLS, BLS, BOTOX advanced interventions, Neuroimaging, EMG/NCS, Transcranial Doppler/Ultrasound, and Spinal Stimulator Implant.**

## Languages:

English, Judeo-Arabic, French, and Spanish.

## Honors and Awards:

- 1) Top Doctor in America award; 5 years in a row (2012-2017).
- 2) World Leading Physician award.
- 3) National Leadership Award issued by the United States Congress.
- 4) AMA Physician Recognition Award.
- 5) Featured on MD News national magazine. With eight pages detailing his success story in healthcare and neurosciences





Dr. Taraben uses several tests to properly diagnose his patients. Most of these tests can be performed in his office. These tests include: EMG/NCS, digital ultrasound and musculoskeletal studies, careful digital/ultrasound, EEG, and EMG needle guided injections.

Proper testing is essential for correct diagnosis since MRI technology, although effective, provides a limited view. Additionally, other tests may be necessary to better pinpoint the cause of the pain, discomfort or other related symptoms. Understanding that the patient's knowledge of their body is important, Dr. Taraben is open to discuss how and to whom

Proper testing is essential for correct diagnosis since MRI



Proper testing is essential for correct diagnosis since MRI



Dr. Taraben takes a conservative approach to treating his clients, with a specific focus on controlling the patient's pain and other related symptoms (if at all possible), using less invasive treatments first, strictly avoiding surgery altogether. Dr. Taraben provides services for all levels of neurological disorders and, with his patients' best interests in mind, surgery is considered a last resort.

Dr. Taraben specializes in:

- Pain management in both children and adults
- Herdles
- Fibrositis/fibrositis
- Polygrip
- Pain relief (epidural and/or other) (compensation)
- Migraine
- Rheumatoid and chronic fatigue syndrome
- Movement disorders
- Fuchs' Duct and neck & vertebrae
- Child neurological disorders

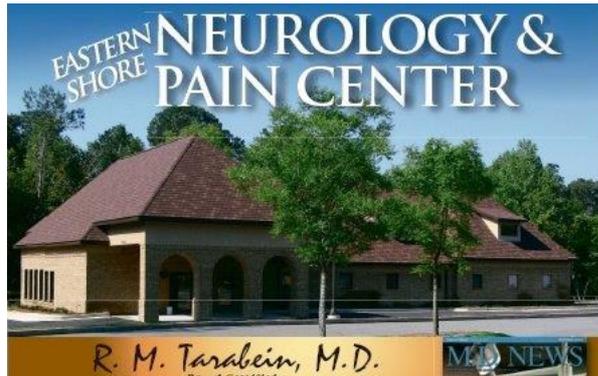
Dr. Taraben continues the same approach on patients who are diagnosed and treated in the same location, which also facilitates better communication between Dr. Taraben and his team.

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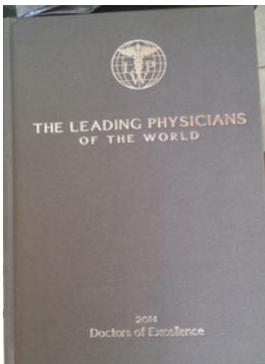


## Titles and positions held:

- 1) Medical Director of Syrian Armed Forces Trauma Center in Lebanon.
- 2) Chief Doctors at Shifa Hospital in Damascus, Syria
- 3) Trauma Medical Director at Coastal EMS.
- 4) Medical Director for Natus Medical International.
- 5) Founder, CEO, and president of Eastern Shore Neurology & Pain Center.



- 6) CEO, and president of CTI Inc. Nautis Biomedical International and DamasCur.net
- 7) President of Rotary Club.



Hobbies:

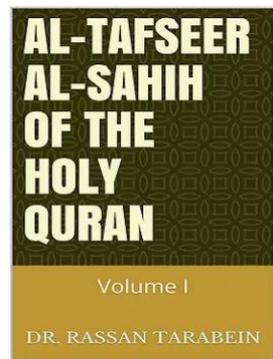
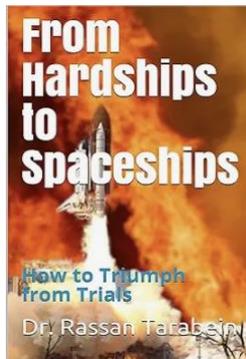
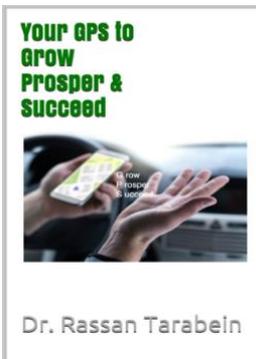
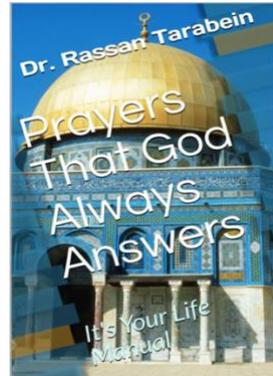
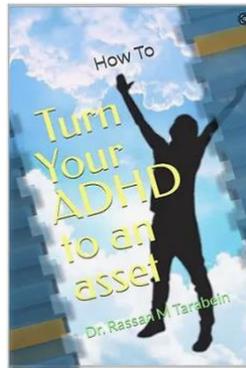
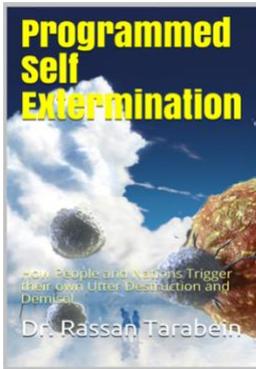
Book Writing, Editing, Public Speaking, Aviation, Swimming, Farming, and Chess.



## Publications:

- 1) Migraine Headaches; a comprehensive review.
- 2) Factors influencing TTPATI and management of acute stroke. Presented before North American Stroke Society in Denver Co., and was published in its journal in 1995.
- 3) Updates on chronic neck and back pain; Presented before the North American spine society in Washington DC in 1994.
- 4) Spinal surgeries, between hope and reality; presented in Buenos Aires, Argentina, in 2012 at the NAAMA international convention.

# Dr. Taraben's Books on Amazon:



## Societies & Associations:

- 1) *European associations of neurosurgical societies.*
- 2) *American Medical Association.*
- 3) *National Arab American Medical Association.*
- 4) *American Academy of Neurology & Psychiatry.*
- 5) *Alabama Medical Association.*
- 6) *Alabama Neurological Association.*
- 7) *North American Spine Society.*
- 8) *North American Stroke Society.*
- 9) *Rotary Club International*
- 10) *American Academy of Pain Medicine*

