

CURRICULUM VITAE

Name: Manal Shawky Hussein

Sex: Female

Birth date / Place: 30-11-1970 / Egypt

Marital Status: Married, 2 children.

Nationality: Egyptian, Canadian

Home Mailing Address: 72 El-Nady street, Tanta, Egypt

Phone: +2-01010972018

E-mail: manal.ahmed@med.tanta.edu.eg

Email: dr_manalsh8@yahoo.com

Dept. of Rheumatology, Physical medicine & Rehabilitation, Tanta University, Faculty of Medicine



Clinical Experience:

- Evaluation and treatment of patients with orthopedics, rheumatism, spinal and spinal cord injuries, hemiplegia and quadriplegia patients, and sports injuries using modern equipment techniques.
- evaluation and treatment of rheumatic diseases as rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, fibromyalgia, etc
- Treating children with disabilities using water and electrical therapy and therapeutic exercises.
- Treating inflammation of the peripheral nerves and facial nerves resulting from diabetes and other various diseases that affect the nerves.
- Diagnosing nerve and muscle diseases using an electromyography device.

Education:

1994: M.B., B.Ch., Faculty of Medicine, Tanta University, Tanta, Egypt; with a general grade Very Good

2000: M.Sc., Tanta University, Faculty of medicine, Egypt.

- "Comparative study between some conservative treatment in plantar fasciitis"

2009: Ph.D., Tanta University, Faculty of medicine, Egypt. 2009

"Vascular endothelial growth factor in rheumatoid arthritis, its correlation with disease activity and different lines of disease modifying drugs"

2013: Certificate in Clinical Research from Seneca College, Ontario, Canada

2017: Diploma in Nutrition, Health, and Sport: from Ontario, Canada

Professional Experience:

- House officer in Tanta University Hospitals 1995– 1996
- Resident doctor, Physical Medicine, Rheumatology & Rehabilitation Department, Faculty of medicine, Tanta University, Egypt 1996-2000
- Assistant lecturer, Physical Medicine, Rheumatology & Rehabilitation Department, Faculty of medicine, Tanta University, Egypt 2000-2009
- Lecturer, Physical Medicine, Rheumatology & Rehabilitation Department, Faculty of medicine, Tanta University, Egypt 2009-2016
- Assistant Professor, Physical Medicine, Rheumatology & Rehabilitation Department, Faculty of medicine, Tanta University, Egypt 2016- 2021
- Professor of Physical Medicine, Rheumatology & Rehabilitation Department, Faculty of medicine, Tanta University, Egypt since 2021
- Head of anatomy department of faculty of medicine, Ajdabia university (2025)
- Manager of physical therapy program, Apollonia university for medical science 2026

CURRENT APPOINTMENT:

- Professor of Physical Medicine, Rheumatology and Rehabilitation, Tanta University Hospitals, Cairo, Egypt
- Consultant of Physical Medicine, Rheumatology and Rehabilitation in Health Insurance, Egypt
- Member of Biological therapy Committee in Health Insurance, Egypt
- Arbitrator of Promotions Committee for Professors and Assistant professors in Physical Medicine, Rheumatology and Rehabilitation Department.

Teaching Experiences:

Participated in teaching, training and research activities for residents, house officers, nursing staff, under and postgraduate in the field of physical medicine, rehabilitation and rheumatology.

- **At University of Tanta, Egypt:
Rheumatology and Physical medicine**
- **At University of Omar El-Mokhtar, Libya: Physical therapy department**
- **At Ajdabia university, faculty of medicine, Libya**

- Apollonia university, program of medicine& physical therapy

Computer Experience

- Microsoft Office (Word, Access, PowerPoint, and Excel)
- Internet Explorer and MSN Messenger

Research Interests

- Good experience in Rheumatology research esp. Rheumatoid Arthritis and Ankylosing Spondylitis
- Certificate in clinical research from Seneca college, Canada

Supervision of Theses

. **M. Sc.:** The effectiveness of Ultrasound Guided Platelet - Rich Plasma Injection versus Laser therapy in Patients with ankle sprain

. **M. Sc.:** Role of calprotectin as a monitoring biomarker of disease activity in Juvenile idiopathic arthritis (clinical and sonographic study)

. **M. Sc.:** Efficacy of Dextrose Perineural injection in patients with Adhesive Capsulitis of Shoulder

. **M. D:** Study of serum level of neutrophil extracellular traps in rheumatoid arthritis patients and its correlation with disease activity and associated cardiovascular morbidity.

. **M. Sc:** Prevalence of Peripheral Neuropathy in Egyptian Psoriatic Arthritis Patients and Its correlation with disease activity.

. **M.D:** The risk of neuropathy associated with biological therapy in juvenile idiopathic arthritis children.

Membership of Societies and Committees:

- Member of Egyptian Medical Syndicate
- Member of the Egyptian Society of Rheumatology and Rehabilitation
- Member of the Egyptian Society of Rheumatic disease
- Member of the Egyptian society of rheumatology and osteoporosis

- Member of the Egyptian society of low back pain
- Member of Biological treatment committee in
Egyptian Health Insurance

Some of conferences attended, Training and Workshops:

- 1- Speaker in the 14th annual conference of rheumatology department Tanta University Hospital 7-9 April 1999
- 2- Speaker in the 15th annual conference of rheumatology department Tanta University Hospital 5-7 2000
- 3- Speaker in the 19th annual conference of rheumatology department Tanta University Hospital 31 March 2004
- 4- Speaker in the 20th annual conference of rheumatology department Tanta University Hospital 17-20 may 2005
- 5- Speaker in the 23th annual conference of rheumatology department Tanta University Hospital 19 March 2008
- 6- Workshop on "Electrophysiology" Faculty of medicine , Cairo University 27-29 Feb. 2008
- 7- Workshop on "Musculoskeletal ultrasound" Canadian Rheumatology Ultrasound Society (CRUS) at McMaster University in Hamilton Ontario, Canada 14,15 May 2016
- 8- Workshop on "Electrophysiology" El Gharbia rheumatology and rehabilitation association 10 November 2017
- 9- Attendance of 1st pediatric the rheumatology conference, 2017
- 10- Workshop on "LYFTOGT Perineural injection treatment" by JOHN LYFTOGT 2-4 April 2018 CAIRO, EGYPT
- 11- Chairperson in 1st annual scientific conference in El Manshawy General hospital in Tanta, 2018
- 12- Workshop on "Musculoskeletal Ultrasonography of upper limbs" Kasr El-Aini, Cairo 26 July 2018, Egypt Kasr El-Aini, Cairo 6-9 March 2018
- 13- Workshop on "Musculoskeletal Ultrasonography of upper limbs" Elgharbia Medical Syndicate 8.November 2018
- 14- Speaker and Chairperson in the 5th annual conference of rheumatology department Banha Teaching Hospital in collaboration with The Egyptian

Society of Rheumatology and Immunology 12 July 2018

- 15- Attendance of electrodiagnosis and neuromuscular ultrasound scientific day of department of physical medicine, rheumatology and rehabilitation, Ain Shams university. 2018
- 16- Speaker and Chairperson in the 6th annual conference of rheumatology department Banha Teaching Hospital in collaboration with The Egyptian Society of Rheumatology and Immunology 7 July 2019
- 17- Speaker in the 34th annual conference of rheumatology department Tanta University Hospital 8 March 2019
- 18- Attendance of 23rd Minia rheumatology congress. March, 2019
- 19- Attendance of 11th annual conference of Mansoura rheumatology and rehabilitation department, April 2019
- 20- Attendance of annual Beni Suef rheumatology and rehabilitation department conference. October, 2019
- 21- Attendance of the Egyptian society of rheumatic diseases (ESRD) annual conference in Luxor, Egypt 2018
- 22- Attendance of the Egyptian society of rheumatic diseases (ESRD) annual conference in Luxor, Egypt 2019
- 23- Attendance of the Egyptian society of rheumatic diseases (ESRD) annual conference in Hurghada, Egypt 2020
- 24- Attendance of virtual EULAR annual congress, 2020.

List of Recent Publications

1- Effect of Atorvastatin on Inflammation and Modification of Vascular Risk Factors in Rheumatoid Arthritis

The Journal of Rheumatology February 2011, 38 (2) 229-235; DOI:
<https://doi.org/10.3899/jrheum.100582>

2- Anti-CCP hs (high sensitive) in Egyptian rheumatoid arthritis patients associated with chronic hepatitis C virus infection

The Egyptian Rheumatologist, Volume 38, Issue 1, January 2016, Pages 15-20

3- Th-17 cells and serum IL-17 in rheumatoid arthritis patients: Correlation with disease activity and severity

The Egyptian Rheumatologist, Volume 38, Issue 1, January 2016, Pages 1-7

4- Serum Level of Interleukin 34 in Rheumatoid Arthritis Patients: Relation to Disease Activity and Joint Destruction

Tanta Medical Sciences Journal Vol. (9), No. (3), July 2014: PP 62-7

5- Serum level of Leptin and Ghrelin in Juvenile Rheumatoid Arthritis and their correlation to disease activity and body mass index

Tanta Medical Sciences Journal Vol. (9), No. (4), October 2014: PP 49-55

6- Biochemical markers for early detection of cardiovascular disorders in rheumatoid arthritis

Tanta Medical Journal 2015, 43(1):22–27

7- Vitamin D receptor gene polymorphism in Egyptian patients with early rheumatoid arthritis and its association with subclinical atherosclerosis

Egyptian Rheumatology & Rehabilitation 2015, 42:145–152

8- Serum Level of Interleukin 34 in Rheumatoid Arthritis Patients: Relation to Disease Activity and Joint Destruction

Tanta Medical Sciences Journal Vol. (9), No. (3), July 2014: PP 62-7

9- The role of auditory evoked potentials and otoacoustic emission in early detection of hearing abnormalities in Behcet disease patients . case contro study

Clinical and Experimental Rheumatology
2018 Vol.36, N°6 ,Suppl.115 - PI 0045, PF 0052

10- The role of MSKS ultrasound in detection of subclinical synovitis in oligo.and polyarticular JIA children

The Egyptian Rheumatologist
Volume 41, Issue 2, April 2019, Pages 151-155

11- Regenerative injection therapy and repetitive transcranial magnetic stimulation in 1ry fibromyalgia treatment: comparative study

August 2018, Journal of Back and Musculoskeletal Rehabilitation 32(1):1-8

12- Role of interleukin 37 as anovel proangiogenic factor in JIA

SMarch 2018, JCR Journal of Clinical Rheumatology 25(2):1

- 13- INTERLEUKIN 37 IN RHEUMATOID ARTHRITIS: HOW FAR IS IT RELATED TO ACTIVITY, RADIOGRAPHIC JOIN DESTRUCTION AND SONOGRAPHIC FINDINGS?**
International Journal of Current Research in Life Sciences
Vol. 08, No. 05, pp.3161-3165, May, 2019

- 14- The effectiveness of ultrasound-guided hydrodilatation via the rotator interval for adhesive capsulitis, a comparative study**
Clinical Rheumatology, 8 May 2020

- 15- Anti-carbamylated protein antibodies in rheumatoid arthritis and its association with osteoporosis**
Egyptian rheumatology& rehabilitation 2021

- 16- Identification of serum IL-13 and IL -13 Receptor Subunit Expression in Rheumatoid Arthritis–Associated Interstitial Lung Disease**

International journal of rheumatic diseases 2020

- 17- Efficacy of human epididymis protein-IV as potential lung disease biomarker in comparison to Krebs von den Lungen- VI glycoprotein and apoprotein A2 among systemic sclerosis patients**

Egyptian Rheumatology and Rehabilitation 2024

- 18- Prevalence of peripheral neuropathy in Egyptian psoriatic arthritis patients and its correlation with disease activity**

Expert Review of Clinical Immunology 2025

Contact information.

Cell Phone: 002/01010972018
 E-mail: dr_manalsh8@yahoo.com
 E-mail: manal.ahmed@med.tanta.edu.eg