



Curriculum Vitae

Name: Fatma Aboelmagd Mohamed Hamid

Title: Acting Vice Dean for Education and Student Affairs & Assistant

Professor of Physical Therapy

Department: Physical Therapy for Cardiopulmonary Disorders

Qualifications:

- Bachelor's Degree in Physical Therapy from Cairo University (1999) (Excellent)
- Master's Degree in Physical Therapy for Cardiovascular/Respiratory Disorder & Geriatrics, Faculty of Physical Therapy, Cairo University (2005) (Excellent).
- Ph.D in Physical Therapy for Cardiovascular/Respiratory Disorder & Geriatrics, Faculty of Physical Therapy, Cairo University (2010) (Very Good)

Career Hierarchy:

- Teaching Assistant, Date: From Jan 2001 till Oct 2005 in Cairo University
- Assistant Lecturer, Date From Oct 2005 till March 2010 in Cairo University
- Lecturer, Date: From March 2010 till Jan 2016 in Cairo University
- Associate Professor, Date: From Nov 2013 Till June 2015 in Qassim University- Kingdom of Saudi Arabia
From Jan 2016 till Now in Cairo University



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Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

Consultant, General Syndicate of Physiotherapy, Reg. Number: 1085-1999).

2: Training Courses/workshops:

- **Workshop training about Effective Communication Skills (21/5/2007- 23/5/2007), Cairo University.**
- **Workshop training about Effective Learning (18/6/2007 – 21/6/2007), Cairo University.**
- **Workshop training about Use of Technology in Education (20/7-22/7/2008), Cairo University.**
- **Workshop training about Credit Hours System (11/10- 12/10/ 2008), Faculty of Physical therapy, Cairo University.**
- **Workshop training about Effective Presentation (5/11- 6/11/2008), Faculty of Physical therapy, Cairo University.**



- **Workshop training about Ethics in Research (12/1- 14/1/2009), Cairo University.**
- **Workshop training about Integration of Information and Communication Technology into Teaching (27/7- 29/7/2009), Cairo University.**
- **Workshop training about Methods of Assessment (1/2- 3/2/2010), Cairo University.**
- **Workshop training about Research Team Management (7/3-9/3/2011), Cairo University.**
- **Workshop training about Strategic Planning (20/6- 22/6/2011),Cairo University.**
- **Workshop training about Course Specification (4/10/2011), Faculty of Physical therapy, Cairo University.**
- **Workshop training about Credit Hour System (17/10 - 19/10/2010), Cairo University.**
- **Workshop about (Establishment of an internal quality assurance system for educational enhancement: requirement and criteria) within the project of Faculty of Physical Therapy for quality assurance and accreditation, Faculty of Physical Therapy, Cairo University (24 November, 2004).**
- **Workshop about (Cardio Pulmonary Evaluation) on the sidelines of the 11th International Scientific Conference of Faculty of Physical Therapy under the title of (Physical Therapy and The Art of Caring) - Cairo University, (26 February, 2008).**
- **Workshop about (Integrating the handicapped in education and work to get to the development) on the sidelines of the 12th International Scientific Conference of Faculty of Physical Therapy under the title (Physical Therapy towards Modernization and Development): 5 March, 2009. Hilton Pyramids Golf Dreamland 6 Oct. - Egypt.**
- **Workshop about (Quality Education) on the sidelines of the 12th International Scientific Conference of Faculty of Physical Therapy under the title (Physical**



Therapy towards Modernization and Development): 5 March, 2009. Hilton Pyramids Golf Dreamland 6 Oct. - Egypt.

- **Workshop about (Towards Better Integrated Care for the Elderly) on the sidelines of the 12th International Scientific Conference of Faculty of Physical Therapy under the title (Physical Therapy towards Modernization and Development): 6 March, 2009. Hilton Pyramids Golf Dreamland 6 Oct. - Egypt.**
- **Workshop about (Benchmark Assessment for Students) on the sidelines of the 12th International Scientific Conference of Faculty of Physical Therapy under the title (Physical Therapy towards Modernization and Development): 6 March, 2009. Hilton Pyramids Golf Dreamland 6 Oct. - Egypt.**
- **Workshop training about Internal Reviewer (1/11/ 2011), Faculty of Physical therapy, Cairo University.**
- **Workshop about Community Participation and Academic Advising (12/1/2012), Quality Assurance and Accreditation Center, Cairo University.**
- **Workshop training about Legal and Financial Aspects in University Environment (26/6-28/6/2012), Cairo University.**
- **Workshop training about Methods Of Assessment Of Questions Paper According To The Quality Standards (24/6/2012), Faculty of Physical therapy, Cairo University.**
- **Workshop entitled (Your Future in Science: Writing and Publishing a scientific Paper) that was held by The Journal of Advanced Research, the official Journal of Cairo University, at Cairo University Conference center, 23 April, 2013.**
- **Workshop training about Time and Meetings Management (31/8- 1/9/2015), Cairo University.**



- **Workshop training about Change Management (4-5/4/2016), Cairo University.**
- **Training course about Stress Management (12-13/4/2017), Cairo University.**
- **Training course about Evidence Based Strategy in Medical Practice (26-27/8/2017), Cairo University.**
- **Training course about Leadership and Management (27/2/2018), Faculty of Physical therapy, Cairo University.**
- **Training program entitled (Strategic Planning for Higher Education Faculties and Institutes), 20-21/1/ 2019, National Authority for Quality Assurance and Accreditation of Education.**
- **Training course about Statistical Analysis of Bio-Experiments (1-2/2/2020), Cairo University.**
- **Training course about Interactive Electronic Courses (25-26/7/2020), Cairo University.**
- **Training course about Critical Thinking (29-30/7/2020), Cairo University.**
- **Training course about Essentials of Integrated Education (18-19/11/2020), Cairo University.**
- **Online Workshop training entitled (Discover with Elsevier: Mendeley) that was held by The Egyptian Knowledge Bank (19/7/ 2020).**
- **Online Workshop training entitled (Discover the new enhanced CiteScore 2019 – Scopus) that was held by The Egyptian Knowledge Bank (29/7/ 2020).**



3: Conferences, Seminars and Workshops:

- ***Paper presentation*** on the first international Scientific conference in faculty of physical therapy, Delta University for Science & Technology (Abdominal Fat Thickness Response To Low Level Laser Therapy). 19-20 Oct. ,2019.
- ***Attendance*** of the International Scientific Conference of Traditional Chinese Medicine & Functional Medicine, Egyptian Chinese University.14-15 April, 2019
- ***Attendance*** of the 20th international scientific conference of the faculty of Physical Therapy, Cairo University under the title of (Physical Therapy from Disability to Life).6-7 April, 2019
- ***Attendance*** of the 19th international scientific conference of the faculty of Physical Therapy, Cairo University under the title of (Physical Therapy and a Better Future for the Disabled).22-23 March, 2018
- ***Attendance*** of the 1st International Students' Conference for Scientific Research, Faculty of Physical Therapy, Cairo University under the title of (Research for Better Practice).30 Nov- 1 Dec, 2017
- ***Attendance*** of the 13th National Conference of Human Performance in health and Disability.11-12 May, 2017.
- ***Attendance*** of the 18th international scientific conference of the faculty of Physical Therapy, Cairo University under the title of (Innovative Physical Therapy and Rehabilitation). 16-17 March, 2017
- ***Attendance*** of the 1st International Conference for Deraya University, Faculty of Physical Therapy under the title of (Updating Weight Control). 23 February, 2017



- **Attendance of the 17th International Scientific Conference Of Faculty of Physical Therapy, Cairo University, Under the title of (Empowering Disability). 10-11 March, 2016**
- **Attendance of the 16th International Scientific Conference Of Faculty of Physical Therapy, Cairo University, Under the title of (No More Disability).5-6 March, 2015**
- **Attendance of the 14th International Scientific Conference Of Faculty of Physical Therapy, Cairo University, Under the title of (Physical Therapy: The Future of Treatment).25-26 April, 2013**
- **Attendance of the First Scientific Day for Physiotherapy Under the title of (Join Hands to Advance Profession of Physical Therapy); College of Medical Rehabilitation, Qassim, Buraidah, Kingdom of Saudi Arabia.11 April, 2015.**
- **Attendance of the Physical Therapy Conference-Alexandria under the title of (Musculoskeletal Disorders) , Pharous University in Alexandria.5-6 July, 2012**
- **Attendance of the 12th International Scientific Conference of Faculty of Physical Therapy under the title (Physical Therapy towards Modernization and Development): Hilton Pyramids Golf Dreamland 6 Oct. - Egypt. 5-6 March, 2009**

4: Teaching Scopes:

- **Introduction of Prosthesis and Orthosis**
- **Ergonomics**
- **PT for Burn and Surgical conditions**
- **PT in Cardiothoracic Surgeries and Intensive Care Unit**
- **Clinical Practice in PT for Cardiopulmonary Disorders and Geriatrics**
- **P.T. for Geriatric and Internal Medicine**
- **PT for Cardiopulmonary Disorders**
- **Physical Therapy for Chest Diseases**
- **First Aid**



- **Theoretical Foundations for Evaluation and Treatment of Cardiopulmonary Dysfunction**
- **Advanced evaluation and clinical Management II**
- **Research Seminars I**
- **Clinical Training for physical Therapy according to the requirement of each department**
- **Techniques of Physical Therapy in different Internal Medicine Sections**
- **Exercise Physiology**

5: Scientific supervision:

- **Efficacy Of Lipomassage In Reduction Of Secondary Lymphedema, Master Thesis, Faculty of Physical Therapy, Cairo University, 2011.**
- **Lung Impairment and Quality Of Life In Pulmonary Tuberculosis Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2011.**
- **Effect Of Aerobic Training On Anemic Young Females, Master Thesis, Faculty of Physical Therapy, Cairo University, 2011.**
- **Response of Hypertension to Laser Acupuncture In Obese Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2011.**
- **Treadmill Versus Cycling In Glycemic Control Of Non-Insulin Dependent Diabetes Mellitus, Master Thesis, Faculty of Physical Therapy, Cairo University, 2011.**
- **The Effect Of Acquired Kyphosis On Ventilatory Function In Chronic Obstructive Pulmonary Disease Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2011.**
- **Aerobic Exercise Training Effect On Basal Metabolic Rate In Normal Versus Obese Adult Women, Master Thesis, Faculty of Physical Therapy, Cairo University, 2011.**



- **Prognostic Value Of Recovery Phase For Cardiopulmonary Exercise Test In Heart Failure Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2012.**
- **Evaluation Of Low Level Laser Therapy On Body Constructure And Leptin Hormone By Radioimmunoassay, Master Thesis, Faculty of Physical Therapy, Cairo University, 2012.**
- **Response Of Upper Limbs Versus Lower Limbs Exercises On Blood Glucose Level And Hypercholesterolemia In Elderly, Master Thesis, Faculty of Physical Therapy, Cairo University, 2012.**
- **Effect Of Aerobic Exercise On Postprandial Lipemia In Smokers, Master Thesis, Faculty of Physical Therapy, Cairo University, 2012.**
- **Complete Decongestive Therapy Efficacy on Secondary Lower Limb Lymphedema, Master Thesis, Faculty of Physical Therapy, Cairo University, 2012.**
- **Accelerating Weaning By Diaphragmatic Breathing Exercise In Chronic Obstructive Pulmonary Disease Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2013.**
- **Evaluation Of Ventilatory Patterns In Common Rheumatic Diseases, Master Thesis, Faculty of Physical Therapy, Cairo University, 2013.**
- **Effect of Aerobic Exercise on Dyslipidemia of Metabolic Syndrome in Obese Women, Master Thesis, Faculty of Physical Therapy, Cairo University, 2013.**
- **Improving Lifestyle for the Elderly by Accumulating Home Physical Activities of Daily Living, Master Thesis, Faculty of Physical Therapy, Cairo University, 2013.**
- **Response Of Blood Glucose & Alanine Aminotransferase Levels To Moderate Aerobic Exercises In Type 2 Diabetic Fatty Liver Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2013.**



- **Efficacy Of Gaze Stability Exercises In Elderly Women With Dizziness Due To Otitis Media, Master Thesis, Faculty of Physical Therapy, Cairo University, 2013.**
- **Chest Diameter Response To Inspiratory Muscle Training In Hepatic Ascetic Patients With Dyspnea, Master Thesis, Faculty of Physical Therapy, Cairo University, 2013.**
- **Comparative Study Between the Efficacy of Diaphragmatic Breathing Versus Aerobic Exercise on Hypertensive Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2014.**
- **Response of Diaphragmatic Excursion to Inspiratory Muscle Training in Elderly, Master Thesis, Faculty of Physical Therapy, Cairo University, 2017.**
- **Effect of Incentive Spirometer Training on Diaphragmatic Excursion and Quality of Life in Hemodialysis Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2018.**
- **Ventilatory Function and Exercise Capacity Response to Inspiratory Muscle Training in Interstitial Lung Disease Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2020.**
- **Efficacy of Transcutaneous Electrical Nerve Stimulation versus Low Level Laser on Hyposalivation in Type 2 Diabetes Mellitus Patients, Master Thesis, Faculty of Physical Therapy, Cairo University, 2021.**
- **Aerobic Capacity Response to High Intensity Interval training in Obese Subjects, Master Thesis, Faculty of Physical Therapy, Cairo University, 2021.**
- **Effect of Pulsed Electromagnetic Field on Ejection Fraction after induced Myocardial Infarction, Doctoral Thesis, Faculty of Physical Therapy, Cairo University, 2018.**



- **Abdominal Visceral to Subcutaneous Fat Ratio Response to Low Level Laser Therapy, Doctoral Thesis, Faculty of Physical Therapy, Cairo University, 2018.**
- **Response of Arterial Blood Gases to Aerobika Oscillating Positive Expiratory Pressure Training in Patients with Bronchiectasis, Doctoral Thesis, Faculty of Physical Therapy, Cairo University, 2021.**

6: Awards and Certificates of Appreciation:

- **Certificate of appreciation from Heliopolis University for Sustainable Development, Egypt, 2019.**
- **Certificate of Appreciation from the Second Scientific Conference of Physical Therapy under the title (No more Disability with Physical Therapy & Rehabilitation), 11-12 December 2020, Trimuph Plaza Hotel Heliopolis, Cairo, Egypt.**

7: Other Activities:

- **Director of Environmental Projects Management in Faculty of Physical Therapy, Cairo University From Oct 2015 to Jan 2017**
- **Chairman of the Rewards Committee in Faculty of Physical Therapy, Cairo University. From Jan 2016 till Nov 2017**
- **Acting Vice Dean for Education and Student Affairs, Faculty of Physical therapy, Heliopolis University for Sustainable Development, EGYPT. From Oct 2018 to Aug 2019**



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**Title: Acting Vice Dean for Education and Student Affairs & Assistant
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Department: Physical Therapy for Cardiopulmonary Disorders

Skills

- **Language Skills: Arabic: Mother language**
English: 2nd language
- **Computer Skills: very good.**
- **Presentation skills:**
- **Other skills:**

Scientific Publications:

I: published Scientific Papers Extracted From the Masters and Ph.D Theses:

- **Ventilatory Function Response to Breathing Training versus Aerobic Training in Asthmatic Children. 2012, Egyptian Journal of Pediatric Allergy and Immunology, 10(1); 33-37.**
- **The Photobiological Effect of Low Level Laser Therapy on Serum Level of Leptin, Cholesterol and Triglycerides in Overweight and Obese Females. 2013, Arab Journal of Nuclear Science and Applications, 46 (3); 307-312.**
- **Sonographic Response of Diaphragmatic Excursion to Threshold Inspiratory Muscle Trainer in Elderly.2017, The Medical Journal of Cairo University, 85 (2); 541-545.**



- **Abdominal Fat Thickness Response To Low Level Laser Therapy. 2018, Bioscience Research, 15(3); 2675-2678.**
- **Effect Of Pulsed Electromagnetic Field On Ejection Fraction After Induced Myocardial Infarction. 2018, Bioscience Research, 15(3); 2401-2407.**
- **Efficacy of Incentive Spirometer Training on Diaphragmatic Excursion and Quality Of Life in Hemodialysis Patients. 2018, The Medical Journal of Cairo University, 86 (7); 3997- 4002.**
- **Ventilatory Function and Exercise Capacity Response to Inspiratory Muscle Training in Interstitial Lung Disease Patients. 2020, The Medical Journal of Cairo University, 88 (5); 2111-2115.**
- **Potential Effect of Aerobika Oscillating Positive Expiratory Pressure Training on Arterial Blood Gases, Functional Capacity and Quality of Life in Patients with Bronchiectasis. 2021 ,Fizjoterapia Polska (Polish Journal of Physiotherapy), 21 (5); 212-218**
- **Hyposalivation Response to Low-Level Laser in Diabetic Type 2 Patients. 2021, The Medical Journal of Cairo University, 89 (5): 1967-1971.**
- **Aerobic Capacity Response To High Intensity Interval Training In Obese Subjects. 2021 (Accepted, 15/8/2021) The Medical Journal of Cairo University.**

II: Post-Doctoral Published Scientific Papers:

- **Potential Effects of Extracorporeal Shock Wave Therapy and Photobiomodulation in the Treatment of Older Adults with Diabetic Foot Ulcer: A Randomized Clinical Trial. 2021 (Accepted, 22/8/2021) Fizjoterapia Polska (Polish Journal of physiotherapy), 2, 2022.**



- **Impact of inspiratory muscle training on diaphragmatic mobility and arterial blood gases in patients undergoing haemodialysis. 2021, International Journal of Therapy and Rehabilitation, 28(5):1-8.**
- **The Efficacy of Pulmonary Rehabilitation Combined with Threshold Inspiratory Muscle Training and Upper Extremities Exercises in Patients with Interstitial Lung Diseases. 2021, Systematic Reviews in Pharmacy, 12(3); 527-533,**
- **Efficacy of Pulmonary Rehabilitation Program in Patients with Treated Pulmonary Tuberculosis, 2021, Systematic Reviews in Pharmacy, 12(3); 516-521.**
- **Efficacy of Inspiratory Muscle Training on Inspiratory Muscles Strength, Functional Capacity, and Quality of Life in Patients with Interstitial Lung Disease. A Single Non-Controlled Clinical Study. 2020 (Accepted, 17/8/2020) Physiotherapy Quarterly, (30), 2022.**
- **Effect of Inspiratory Muscle Training on Diaphragm Mobility and Functional Capacity in Elderly: A randomized clinical trial. 2019, Fizjoterapia Polska (Polish Journal of Physiotherapy), 19(2); 28-32.**
- **Effect of Intermittent Pneumatic Compression Therapy on Healing of Diabetic Foot Ulcer. 2015, International Journal of Diabetes Research, 4 (4); 67-72.**
- **Aerobic Exercises Versus Electrical Stimulation of Acupuncture Points on Glycemic Control and Hypercholesterolemia in Type Two Diabetic Women. 2015, World Journal of Medical Sciences, 12 (3); 316-321.**
- **Response of the Ventilatory Indices and Length of Hospital Stay to Inspiratory Muscle Training Following Thoracic Surgery. 2015, The Medical Journal of Cairo University, 83(2); 1-6.**



- **Physiological Evidence for the Efficacy of Short Term Positive Expiratory Pressure Training in COPD Patients. Bulletin of Faculty of Physical Therapy. 2013, Bulletin of Faculty of Physical Therapy, Cairo University, 18(1); 53-57**
- **Effectiveness of Endermologie Technique in Post-mastectomy Lymphedema. 2011, The Medical Journal of Cairo University, 79(2); 1-4.**