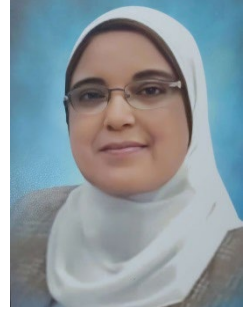


Gehan Mosaad Abd Elmaksoud Biography



Gehan Mosaad is currently a professor of physical therapy for pediatrics, Cairo University, with over 25 years of clinical experiences in the field of pediatric rehabilitation and over 18 years in the field of upper limbs and hand rehabilitation.

Doctoral Degree in Physical Therapy, Faculty of Physical Therapy, Cairo University, Egypt, **2007**.

Master Degree in Physical Therapy, Faculty of Physical Therapy, Cairo University, Egypt, **2003**.

Bachelor Degree in Physical Therapy Faculty of Physical Therapy, Cairo University, Egypt, **1997**.

Diploma degree in Quality and Accreditation Management Systems in Educational Institutions, Ain Shams University, Egypt, **2015**.

Experiences

Administrative Experiences

1. Vice Dean for Education and Students Affairs, Faculty of Physiotherapy, Deraya University, New Minya, Egypt, 2021- 2022.
2. Head of the department of Physical Therapy for Pediatrics, Faculty of Physiotherapy, Deraya University, New Minya, Egypt, 2021- 2022.

Teaching Experiences

1998 till 2006: Teaching practical and applied sections for undergraduate physical therapy students attending the pediatric physical therapy round.

2007 till date: Teaching several courses for undergraduate and post graduate students, Faculties of Physical Therapy, Cairo, Pharos and Deraya Universities, Egypt and Al-Neelain University, El-khartoum, Soudan.

Undergraduate courses.

- 1- Course of physical therapy for pediatric and pediatric surgery
 - Faculty of Physical Therapy, Cairo University.
 - Faculty of Physical Therapy, 6th October University, 2007-2008.
 - Pharos University, Alexandria, Egypt from 2011 to 2014.
 - Faculty of Physical Therapy, Al-Neelain University, El-khartoum, Soudan, 2012/ 2013, 2013/ 2014, 2015/2016.
 - Faculty of Physiotherapy, Deraya University, 2021- 2022.
- 2- Courses of Electrotherapy, Professional Behavior, Social Handicap, Quality Assurance courses at Faculty of Physical Therapy, Pharos University, Alexandria, Egypt from 2011 to 2014.

Postgraduate courses

Diploma degree

- Orthotics and Prosthetics course and Techniques of Physical Therapy in Pediatrics, Diploma degree, Faculty of Physical Therapy, Cairo University, 2010/2011.

Master degree

- Occupational Therapy I, Pediatric Rehabilitation, Advanced Evaluation and Clinical Management, Faculty of Physical Therapy, Cairo University, 2015/2016, 2016 /2017.

Doctoral degree

- Advanced Pediatric Physical Therapy, Occupational Therapy II and Research Seminar, Faculty of Physical Therapy, Cairo University, 2017- 2023.

Clinical Experiences

Since 1998 and over 24 years, through our job, I have been included in the evaluation and management of patients attending the Outpatient Clinic of the faculty of Physical Therapy, Cairo University.

2010 till date: Consultant at many medical and physical therapy centers for rehabilitation of handicapped children in Egypt including:

- International Medical Center, Ismailia Road, Cairo.
- Zayed Medical Center for rehabilitation, Cairo.
- Ressala Center for Special Needs, Cairo, Egypt.
- Wahet Nour Al-Hayah Association for Rehabilitation of Cerebral Palsy (Consultant and technical director)
- Maharat Masr Center for Special Needs, Cairo.
- Al Yasmein center for rehabilitation of handicapped children, Giza.
- Basmat Aml, Social Association for Handicapped children, Giza.

2023: Supervision of Out- patient Clinic of Occupational Therapy, Faculty of Physical Therapy, Cairo University.

Special Areas of Expertise

Hand Rehabilitation

2004 till date: Special interest in the treatment of hand function disorders in children participated in the evaluation and treatment of hand function disorders in children in the Out- patient Clinic of Faculty of Physical Therapy, Cairo University and in many centers for handicapped children.

2006 till date: I have been invited to numerous workshops, lecturer about the management of hand function disorders in East Division of Physical Therapy Syndicate-Alexandria, in the National Institute of Neuromotor System at Cairo, and many private centers, Egypt.

Neuroevaluation

2005 till date: Experience on the evaluation of children with neurodevelopmental disorders using different standardized scales (Peabody Developmental Motor Scale, Gross Motor Function Measure, Bruininks -Oseretsky Test of Motor Proficiency, Quality of Upper Limb Performance.....ect).

2007 till date: Presenting many workshops on different scales and tests used in pediatrics evaluation in Faculty of Physical Therapy, Cairo University and many training centers in Egypt.

Neurotherapeutics

2007 till date: Special interest in the rehabilitation of cerebral palsy after Botulinum toxin type A (Botox) injection and hand rehabilitation post upper limbs surgeries.

Scientific Activities

2006 till date: I have been invited as a lecturer in numerous workshops, lectures and training to physiotherapists in the fields of pediatric rehabilitation, upper limb and hand rehabilitation, application of pediatric standardized tests including:

1. A workshop about **Pediatric Rehabilitation**, at East Division of Physical Therapy Syndicate-Alexandria, Egypt, August, 2006.
2. Scientific paper entitled "**Hand Rehabilitation with Tendon Transfer Surgery in Hemiplegic Children**" The 10th Scientific Conference "Physical Therapy and Future Challenges", Faculty of Physical Therapy, Cairo University, March, 2007.
3. Lecture entitled "**Role of physiotherapy and orthotics in management of spasticity in cerebral palsy**" in 2nd Combined Meeting of Pediatric Orthopedic and External Fixation Clubs, Ain Shams University, April, 2007.
4. A workshop about "**Peabody Developmental Motor Scale**" in The 10th Scientific Conference "Physical Therapy and Future Challenges" Faculty of Physical Therapy, Cairo University, March, 2007.
5. Lectures about **Handicapped Children** at the Faculty of Kid Grader and Nursery, Cairo University, April, 2007.
6. Training courses about **Occupational Therapy**, at the National Institute of Neuromotor System, Egypt, May, 2007.
7. Lecture entitled "**A Multisensory Approach of Neurorehabilitation**" in the training center of Physical Therapy, Alexandria, Egypt, July, 2010.

8. Lecture entitled "**Hand Function**" in 4th Scientific Conference of El HELAL Hospital, General Association OF Health Insurance, El Menoufia Branch, El Helal Hospital , July, 2011.
9. Lecture entitled "**Occupational therapy after Botox injection**" in the 1st Annual Conference of Physical Therapy "Musculoskeletal Disorders", Pharos University, Alexandria, Egypt, July, 2012.
10. Lecture entitled "**Floppy Infant**" "in the training center of Physical Therapy, Alexandria, Egypt, July, 2012.
11. Lecture entitled "**Virtual Reality in pediatric Rehabilitation**" in the 1st Annual Conference of Resala Center for Special Needs," The future of pediatric rehabilitation", Cairo, Egypt, April, 18, 2013.
12. Lecture entitled "**Early Developmental Intervention Programs for High- Risk Infants**" in the 2nd Annual Conference of Resala Center for Special Needs Cerebral palsy between Reality & Hope, Cairo, Egypt, November, 2014.
13. Lecture entitled "**Occupational Therapy**" in the 2nd Annual Conference of Resala Center for Special Needs Cerebral palsy between reality & hope, Cairo, Egypt, November, 2014.
14. Lecture entitled "**Neonatal ICU**" in the 1st Scientific Conference of Alexandria Physical Therapy Syndicate "Role of Physical Therapy in Pediatric Disabilities" Alexandria, Egypt, September 2015.
15. Lecture entitled "**Rehabilitation of Upper Limb in Cerebral Palsy**" in the 2nd Scientific Conference of Alexandria Physical Therapy Syndicate, Alexandria, Egypt, September, 2016.
16. Lecture entitled "**Rehabilitation of Upper Limb in Cerebral Palsy**" in the 3rd Annual Scientific Conference of Tanta Physical Therapy Syndicate "Challenging Disability", Tanta, Egypt, August, 2018.
17. Lecture entitled "**Mirror Therapy for Upper Limb**" in the 1st Scientific Conference of Misr University for Science and Technology College of Physical Therapy "Advanced and New Approaches In Physical Therapy", Egypt, December, 2018.
18. Lecture entitled "**Mirror Therapy for Upper Limb**" in the 2nd Scientific Conference of National Institute of Neuromotor System "Fostering the Future Rehabilitation of Cerebral Palsy", Egypt, December, 2018.
19. A workshop about **Rehabilitation of Children with Cerebral Palsy after Botulinum Toxin Injection**, at Faculty of Physical Therapy, Deraya University, New Minya, Egypt, August 2022.

20. Course entitled "**Management of children with sensory integrative dysfunction in children**", Faculty of Physical Therapy, Cairo University", Egypt, June, 2023.
21. Lecture entitled "**Strategies for Helping Children with Tactile Defensiveness**" in the 22nd Scientific Conference of Faculty of Physical Therapy, Cairo University" Physical Therapy and Quality of Life", Egypt, July, 2023.
22. Course entitled "**Pediatric Rehabilitation: Management of Children with Cerebral Palsy**", Primphysio Education, Cairo, Egypt, August, 2023.
23. A workshop about **Rehabilitation of Upper Limb in Cerebral Palsy**, at Faculty of Physiotherapy, Deraya University, New Minya, Egypt, October 2023.

Researches

2009 till date: I have several national and international publications (31 researches), and I have supervised different students during their research work (28 Master and Doctoral theses) in the field of pediatric rehabilitation and rehabilitation of upper limbs and hands.

Courses, Workshops and conferences Attendance

1998 till date: Attending many workshops about pediatric rehabilitation, management of spasticity, hand and upper limb therapy, neurodevelopmental technique (NDT) and Botulinum toxin type A injection for cerebral palsy.

1999 till date: Attendance of many scientific national and international conferences about Physical therapy and disability and special needs.

2004 till date: Attending many workshops about quality assurance and accreditation in higher education.