

## CURRICULUM VITAE

### Personal Data

**Name:** Rania Reda Mohamed Abdou

**Date of Birth:** 9/12/1978

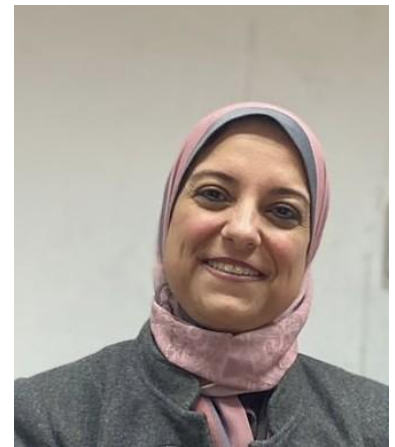
**Nationality :** Egyptian

**Foreign Language:** English/French

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### Academic Qualification

- 2016: Ph.D. in Physical Therapy, Cairo University Egypt

Thesis title: effects of age and gender on facial movements: Utilizing Moire Topography.

- 2009: M.Sc. in Physical Therapy, Cairo University Egypt.

Thesis title: “Validation of Twin Axial Electro goniometer in angular measurement.

- 2001: B.Sc. in Physical Therapy, Cairo University Egypt.

### Employment History

- Demonstrator of Physical Therapy, Basic Science Department, Faculty of Physical Therapy, Cairo University from 29-4-2003 to 6-7-2009
- Assistant lecturer of Physical Therapy, Basic Science Department, Faculty of Physical Therapy, Cairo University from 7-7-2009 to 31-7-2016

- Lecturer of Physical Therapy, Basic Science Department, Faculty of Physical Therapy, Cairo University from 1-8-2016 to 28-3-2023
- Assistant Professor of Physical Therapy, Basic Science Department, Faculty of Physical Therapy, Cairo University from 29-3-2023 till now

### **Educational Experience**

- ❖ Teaching Hydrotherapy, Manual Therapy, Therapeutic Exercises, Test and Measurement and Electrotherapy for undergraduate students.
- ❖ Teaching Pain Management for master's degree students and course coordinator
- ❖ Teaching Practical Application in Pain Management for doctoral degree students
- ❖ Teaching pain control for master's degree students and course coordinator
- ❖ Teaching Peripheral Manipulation for Doctoral Degree students and course coordinator
- ❖ Teaching diploma and master's degree students in National Institute of LASER Enhanced Sciences
- ❖ A member of the Education and students Affairs committee
- ❖ A member of the postgraduate committee
- ❖ Secretary of the higher committee for postgraduate committee.
- ❖ Head of 3<sup>rd</sup> year undergraduate control
- ❖ Course coordinator of manual therapy for 2<sup>nd</sup> year students
- ❖ Course coordinator of Therapeutic exercise (I) for 2nd year students

- ❖ Responsible for carrying out teaching and research duties. I am involved in the administration of degree and postgraduate courses as well as responsible for organizing lectures and supervising seminars. writing research proposals, papers and other publications:
- ❖ Involved in the research, development and design of new courses
- ❖ Assessing students' course work and performance for undergraduate and postgraduate students.
- ❖ Setting up exams, supervising them and marking results for undergraduate and postgraduate
- ❖ Resolving any conflicts that may arise between students in class
- ❖ To deliver practical skills for physical therapy students about electrotherapy instruments, therapeutic exercises, manual therapy, hydrotherapy, testing and examination and other physical therapy skills.
- ❖ To deliver practical skills for postgraduate students about pain management, manual therapy, practical applications in pain management and application on selected topics in pain management
- ❖ To collaborate and cooperate with all staff members in order to achieve maximum benefit and goals of learning process.
- ❖ To undertake a comprehensive examination and assessment of patients including those with multi pathologies (musculoskeletal, neuromuscular and pediatric patients); use specialized clinical reasoning skills and manual examination techniques to provide an accurate diagnosis of their condition.
- ❖ Based on the examination, assessment and diagnosis to clinically reason and formulate a physiotherapy treatment plan and put short- and long-term goals.
- ❖ To deliver a physiotherapy treatment program, this could include manual physiotherapy techniques, patient education, exercise classes, electrotherapy, hydrotherapy and other alternatives.
- ❖ To constantly re-examine the patient's response to treatment and modify program accordingly.

- ❖ To formulate accurate prognosis, expected outcomes, recommend best course of intervention and develop comprehensive discharge plans.
- ❖ To communicate effectively with all members of the work team e.g. Doctors, nurses, social workers.
- ❖ To communicate with postgraduate students, as general coordinator of post graduate study and Coordinator of doctoral degree
- ❖ External examiner in 6<sup>th</sup> October University, Heliopolis University, Egyptian Chinese University, Al Ahram Canadian University, Modern University for Technology and Information , Misr University for Science and Technology and Horus University.
- ❖

### **Attendance & completion of training course of Faculty and Leadership Development at Cairo University (FLDC)**

- Attended at six courses FLDC at master's degree
- Attended at six courses FLDC at doctoral degree
- Attended at nine courses FLDC

These courses are the following:

- الساعات المعتمدة (2006)
- الكتابة العلمية (2006)
- اخلاقيات واداب مهنة (2006)
- مهارات الاتصال الفعال (2006)
- ادارة فريق بحثى (2008)
- اساليب البحث العلمى (2006)
- نظم الامتحانات وتقييم الطالب (2016)
- ادارة التغيير (2017)
- ادارة الوقت والاجتماعات (2017)
- ادارة الجودة الشاملة فى الرعاية الصحية (2017)
- الجوانب المالية والقانونية فى الاعمال الجامعية (2017)
- معايير الجودة فى العملية التدريسية (2017)
- التفكير الناقد (2020)

- اساسيات التعليم المدمج (2021)
- التخطيط الاستراتيجي (2020)
- اتخاذ القرارات وحل المشكلات (2021)
- بنك المعرفة المصرى والبحث عن المصادر (2022)
- تطبيقات المحمول (2022)
- الاتجاهات الحديثة فى التعليم (2022)
- الاتجاهات الحديثة فى التدريس (2025)
- تطبيقات الذكاء الاصطناعى فى التعليم والبحث العلمى (2025)
- اساليب القياس والتقويم للمفردة الاختبارية (2026)
- التوصيف المقرر وتقرير المقرر الدراسى النماذج الجديدة وفق معايير الجودة (2026)

### **OTHER COURSES AND WORKSHOPS**

- Three-Dimensional Gait and Movement Analysis(2006)
- Student Benchmarking and Evaluation Methods(2009)
- Quality of Educational Opportunities(2009)
- Inclusion of Persons with Disabilities in Education and Employment for Sustainable Development(2009)
- Towards Comprehensive and Integrated Care for Older Adults(2009)
- Test Blueprint Development and Examination Item Writing(2017)
- Academic Advising(2017)
- Strategic Planning(2017)
- Leadership and Management Skills(2018)
- Scientific Research Methodology(2019)
- Teaching and Learning Strategies(2019)
- Academic Standards for Postgraduate Studies: Vision and Development(2020)
- Statistical Analysis Using SPSS(2013)
- First Aid Training(2002)
- Test Item Construction for the Medical Sector(2021)

- Recent Trends in Validity and Reliability Assessment of Questionnaires in Scientific Research(2021)
- Fundamental Steps in Data Analysis for International Publication (2022)
- Program and Course Specification Writing(2024)
- Academic Integrity and Research Ethics(2025)
- Introduction to Artificial Intelligence Tools and Applications in Scientific Research(2025)
- Statistical Data Analysis(2026)
- Examination Systems in Higher Education Institutions(2025)
- Course Specification and Course Report According to Updated Quality Standards(2026)
- Assessment and Evaluation Methods for Test Items(2026)
- Application of Artificial Intelligence Tools in Course Portfolio Design and Question Bank Development(2026)
- Diagnostic Imaging (2016)

### **Scientific Activities:**

-Attendance and participation in conferences, workshops....

### **Conferences**

| <b>Activity<br/>Attendance/<br/>Participation</b> | <b>Date</b> | <b>Title of Conference</b>  | <b>Type<br/>Local/<br/>International</b> | <b>Organiser</b>                              |
|---|-------------|---|--|---|
| <b>Attendance</b>                                 | <b>2008</b> | The Eleventh International Scientific Conference, Faculty of Physical Therapy, Cairo University.2008.Under the title of“ Physical Therapy and The Art of Caring”. | <b>International</b>                     | Faculty of Physical Therapy, Cairo University |

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| <b>Attendance</b>    | <b>2009</b> | The 12 <sup>th</sup> international scientific conference of Faculty of Physical Therapy, Cairo University.2009   | <b>International</b> | Faculty of Physical Therapy, Cairo University. |
| <b>Participation</b> | <b>2016</b> | The 7 <sup>th</sup> International Scientific Conference of Faculty of Physical Therapy, Cairo University. 2016.<br>Under the title of “Effects of Age and Gender On facial Movements: Utilizing Moiré Topography”.                   | <b>International</b> | Faculty of Physical Therapy, Cairo University. |
| <b>Participation</b> | <b>2016</b> | The 17 <sup>th</sup> International Scientific Conference of Faculty of Physical Therapy, Cairo University. 2016.<br>Under the title of “Intra- Rater Reliability Of Facial Markers Placement Utilizing Moiré Topography: Pilot Study | <b>International</b> | Faculty of Physical Therapy, Cairo University  |

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|----------------------|-------------|---|----------------------|--|
| <b>Participation</b> | <b>2016</b> | The 17th International Scientific Conference of Faculty of Physical Therapy, Cairo University. 2016.<br>Under the title of “effect of age and gender on fascial movements: utilizing Moire Topography | <b>International</b> | Faculty of Physical Therapy, Cairo University  |
| <b>Attendance</b>    | <b>2018</b> | The First Scientific Symposium between Faculty of Physical Therapy and The Egyptian Society For Hand Surgery and Microsurgery.(2018)  | <b>Local</b>         | Faculty of Physical Therapy and The Egyptian Society for Hand Surgery and Microsurgery |
| <b>Attendance</b>    | <b>2018</b> | The First International Scientific Conference For Arab Society of Manual Physical Therapy(2018)   | <b>International</b> | Arab Society of Manual Physical Therapy  |
| <b>Attendance</b>    | <b>2019</b> | The 20 <sup>th</sup> International Conference Of Faculty Of Physical Therapy, Cairo University, April.2019.   | <b>International</b> | Faculty of physical therapy ,Cairo University  |
| <b>Attendance</b>    | <b>2019</b> | 2 <sup>nd</sup> international conference for scientific research and it's practical in physical therapy   | <b>International</b> | Faculty of physical therapy ,Cairo University  |
| <b>Attendance</b>    | <b>2020</b> | International Conference of traditional Chinese Medicine and Functional Medicine  | <b>International</b> | The Egyptian Chinese University  |

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|-------------------|-------------|---|----------------------|--|
| <b>Attendance</b> | <b>2021</b> | The International Conference of Traditional Chinese Medicine and Functional Medicine  | <b>International</b> | Faculty of Physical Therapy, The Egyptian Chinese University |
| <b>Attendance</b> | <b>2021</b> | The 3 <sup>rd</sup> international physiotherapy conference under the title of “No more disability with physical therapy and rehabilitation                          | <b>International</b> | No disability Association                                    |
| <b>Attendance</b> | <b>2021</b> | The 22 <sup>nd</sup> International Conference Of Faculty Of Physical Therapy, Cairo University, July.2021.  | <b>International</b> | Faculty of physical therapy ,Cairo University                |
| <b>Attendance</b> | <b>2023</b> | The 2 <sup>nd</sup> Scientific Conference of Cairo University for Geriatrics ,Sciences and Care ,September 2023   | <b>National</b>      | Cairo University   |
| <b>Attendance</b> | <b>2024</b> | The 2 <sup>nd</sup> International Student Conference For Scientific Research ,March 2024 under the title of “ Innovation and Scientific Research ”                  | <b>International</b> | Faculty of physical therapy ,Cairo University                |
| <b>Attendance</b> | <b>2024</b> | The 23 <sup>rd</sup> International physical Therapy conference -Cairo University (IPTCCU),25-26 July,2024 under the title of “Physical Therapy and Quality of Life” | <b>International</b> | Faculty of physical therapy ,Cairo University                |

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| <b>Attendance</b>    | <b>2025</b> | The 24 <sup>th</sup> International physical Therapy conference -Cairo University (IPTCCU),17-18 July,2025  | <b>International</b> | Faculty of physical therapy ,Cairo University            |
| <b>Attendance</b>    | <b>2025</b> | Arab Chinese Conference on Traditional Medicine - Egyptian Chinese University-14-15 April,2025   | <b>International</b> | Faculty of physical therapy ,Egyptian Chinese University |
| <b>Participation</b> | <b>2025</b> | The 24 <sup>th</sup> International physical Therapy conference -Cairo University (IPTCCU),17-18 July,2025  | <b>International</b> | Faculty of physical therapy ,Cairo University            |
| <b>Attendance</b>    | <b>2025</b> | The 3 <sup>rd</sup> International Student Conference for Scientific Research under the title of “Physiotherapy and AI: Empowering Gen Z for sustainable research and entrepreneurship” | <b>International</b> | Faculty of physical therapy ,Cairo University            |

### **Theses (Doctoral and Master) Supervision**

| <b>No</b> | <b>Thesis Doc./ Master</b> | <b>Year</b> | <b>Student's Name</b>       | <b>Title of Thesis</b>  | <b>Co-authors</b>                                   |
|-----------|----------------------------|-------------|-----------------------------|---|---|
| 1         | Master                     | 2019        | Hatem Youssef Mohamed Lazem | Lumbopelvic Muscles Activity And Scapular Position In Nonspecific Chronic Low Back Pain | Dr/Reham Hussein Diab-<br><br>Dr/Rania Reda Mohamed |

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|---|----------|------|-------------------------|--|--|
| 2 | Master   | 2019 | Basem Mosaad Mohamed    | Comparison Of The Immediate Effect Of Different Techniques Of Cervical Mobilization On Chronic Mechanical Neck Pain          | Dr/ Neveen Abdel Latif<br>Dr/Rania Reda Mohamed                        |
| 3 | Master   | 2020 | Abnob josef             | Acupressure of acupoints versus ischemic compression release of trigger points in cervical myofascial pain                   | Prof. Dr. Soheir Shehata , Dr rania reda                               |
| 4 | Master   | 2021 | Noha Abbas              | Effect Of Posterior Pelvic Tilt On Balance, Sensory Integration And Risk Of Fall In Patients With Non-Specific Low Back Pain | Dr. Ragia Mohamed ,<br>Dr. Enas Abutaleb, Dr Rania Reda                |
| 5 | Doctoral | 2021 | Mai Raouf Mohamed Rageh | Photobiomodulation Therapy Time Response by Near Infrared Light Emitting Diodes on Muscle Fatigue in Healthy Non athletes    | Dr Rania Reda Mohamed<br>Dr Hamada Ahmed , Dr Abeer Abdelrahman Yamany |
| 6 | Doctoral | 2021 | Hajer M. S. Abdullatif  | Effect of High Intensity Laser Therapy on Chronic Bell's Palsy   | Dr Hussein A. A. Shaker, Dr Ebtesam M. Fahmy, Dr Rania R. Mohamed      |
| 7 | Doctoral | 2021 | Amira Ezzat             | Shock wave therapy versus integrated neuromuscular inhibition technique on   | Prof. Dr. wadeeda  |

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|----|----------|------|-------------------------|---|--|
|    |          |      |                         | upper trapezius myofascial trigger points   | Hassan , Dr<br>Rania Reda  |
| 8  | Doctoral | 2021 | Ayaa T<br>Allah<br>Esaa | Effects of oscillatory whole body<br>vibration versus neuromuscular exercise<br>on static and dynamic balance in<br>patients with knee osteoarthritis | Prof. Dr<br>Ragia Kamel,<br>Dr Enas Abu<br>Taleb, Dr<br>Rania Reda                 |
| 9  | Doctoral | 2021 | Hatem<br>Yousef         | Whole body vibration versus Pilates<br>exercises in chronic nonspecific low<br>back pain  | Prof. Dr<br>Neveen Abdul<br>Latiff, Dr.<br>gada Abdel<br>moneim, Dr.<br>rania reda |
| 10 | Master   | 2021 | Noura<br>Metwal<br>y    | Effect of insole and biodex balance training on<br>balance and risk of fall in adult subjects with<br>flexible flat foot                              | Prof. Dr.<br>Mohamed El<br>Gendy,<br>Dr.rania reda                                 |
| 11 | Master   | 2022 | Ahmed<br>Mahmo<br>ud    | Comparative Study Between The Effect<br>Of Phonophoresis And Low- Level<br>Laser Therapy On Myofacial<br>Trigger Points Of Upper<br>Trapezius Muscle  | DR. Mona<br>Ebrahim, DR.<br>Noha<br>Gohdan,Dr<br>Rania Reda                        |
| 12 | Master   | 2022 | Ahmed<br>Saleh          | Validity and reliability of rebee wearable sensor<br>to measure knee joint range of motion  | Prof.Dr.<br>Wadeeda<br>Hassan, Dr.<br>rania reda                                   |
| 13 | Master   | 2022 | Ahmed<br>Fayez          | Combined effect of pulsed electromagnetic<br>field and pulsed ultrasound therapy in treating<br>knee osteoarthritis                                   | Prof.Dr.Samir<br>El Sabahy,<br>Dr.rania reda                                       |

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| 14 | Master   | 2022 | Mohab Ali                | Effect of muscle energy technique on non specific neck pain in military air crew   | Prof.Dr. wadeeda Hassan.<br>Dr.rania reda,<br>Dr.Hassan baraka   |
| 15 | Doctoral | 2023 | Aya T-Allah Eissa Hassan | Effect Of Oscillatory Whole Body Vibration Versus Neuromuscular Exercise On Static And Dynamic Balance In Patients With Knee Osteoarthritis                            | Prof.Dr. Ragia Mohamed Kamel,<br>Ass.Prof.Dr. Enas El Sayed Abutaleb,<br>Dr.Rania Reda Mohamed   |
| 16 | Master   | 2023 | Raghda fawzy Attya       | Evidence based practice by physiotherapists in Egypt: Investigating behavior, attitudes, awareness, knowledge and barriers.  | Prof Dr. Sohier Shehata, ass. Prof. Dr. Rania Reda   |
| 17 | Doctoral | 2024 | Hisham Mahmud Ghorab     | Adding visceral manipulation to exercises on pain, range of motion, function, and scapular protraction in patients with Non-Specific Neck Dysfunction after dyspepsia. | Prof.Dr Neveen Abd El Latif Abd El Raoof ,<br>Ass.Prof Dr Nabil Mahmoud Abdel-Aal ,<br>Prof Dr Adel Abd El Mohsen Ghorab<br>,Ass.Prof .Dr Rania Reda Mohamed |
| 18 | Master   | 2024 | Adham Mohamed            | Effect of non specific chronic low back pain on knee function  | Prof. Dr Neveen Abd El Latif Abd El Raoof, Ass. Prof. Dr. Rania Reda Mohamed   |
| 19 | Doctoral | 2024 | Heba Ahmed Ibrahim       | Effect of Backward walking versus balance training in chronic ankle instability patients   | Prof. Dr Neveen Abd  |

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| 20 | Master   | 2025 | Sara Galal           | Transcutaneous Electrical Nerve Stimulation Versus Dry Needling In Upper Trapezius Myofascial Trigger Points   | El Latif Abd El Raouf, Ass. Prof. Dr. Rania Reda Mohamed, Ass. Prof. Ghada Abdel moneim, Prof. Dr. Amr Azam<br>Prof. Dr Neveen Abd El Latif Abd El Raouf, Ass. Prof. Dr. Rania Reda Mohamed |
| 21 | Master   | 2025 | Makarios Adel Anwer  | Effect Of Cryotherapy On Kinematic Gait Parameters In Patients With Chronic Patellofemoral Pain Syndrome       | Ass. Prof. Dr. Rania Reda Mohamed, Dr. Aya Mahmoud, Prof. Dr. Amr Azam  |
| 22 | Doctoral | 2025 | Nour Ali Abo El Elaa | The Efficacy Of Iontophoresis In Treating :Lateral Epicondylitis Patients A Randomized Controlled Trial        | Prof. Dr Neveen Abd El Latif Abd El Raouf, Ass. Prof. Dr. Rania Reda Mohamed, Ass. Prof. Dr. Rania Refat  |
| 23 | Doctoral | 2025 | Raghada Mohamed      | Adding instrument Assisted soft tissue mobilization to core stability training in chronic mechanical neck pain | Prof. Dr Haytham Mohamed , Prof. Dr. Magda Gaid ,Ass. Prof. Dr. Rania Reda Mohamed  |
| 2  | Doctoral | 2025 | Nada                 | Combined effect of suboccipital release and  |   |

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|--------|--------------|------|-------------------|---|--|
| 4      | 1            |      | Gamal             | instrument Assisted soft tissue mobilization on tension type headache                               | Prof. Dr<br>Neveen Abd<br>El Latif Abd<br>El Raouf, Ass.<br>Prof. Dr.<br>Rania Reda<br>Mohamed<br>,Prof. Dr.Amr<br>Azzam. Dr.<br>Nouran<br>Ahmed |
| 2<br>5 | Master       | 2025 | Samaa<br>Ahmed    | Effect of smart phone addiction on elbow joint performance among adults                             | Prof. Dr<br>Haytham<br>Mohamed<br>,Ass. Prof. Dr.<br>Rania Reda<br>Mohamed   |
| 2<br>6 | Master       | 2025 | Abanou<br>b Emeil | Correlation between shoulder rotation torque and hand grip strength in university teaching staff    | Prof. Dr<br>Neveen Abd<br>El Latif Abd<br>El Raouf, Ass.<br>Prof. Dr.<br>Rania Reda<br>Mohamed,<br>Dr. Mohamed<br>Farouk                         |
| 2<br>7 | Doctora<br>1 | 2025 | Ahmed<br>Fayez    | Electrical dry needling versus iontophoresis in treating chronic knee osteoarthritis                | Prof. Dr.<br>Wadida<br>Hassan, Ass.<br>Prof. Dr.<br>Rania reda   |
| 2<br>8 | Doctora      | 2025 | Ahmed<br>Saleh    | Efficacy of TECAR in treating chronic Lateral Epicondylitis patients: A randomized controlled trial | Prof. Dr<br>Neveen Abd<br>El Latif Abd<br>El Raouf, Ass.<br>Prof. Dr.<br>Rania Reda<br>Mohamed,<br>Dr. Aya<br>Mahoud,Prof.<br>Dr. Rafaat         |

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| 29 | Master | 2025 | Salma Khamis                | Psychometric Properties Of Translated Arabic Version Of The Fremantle Shoulder Awareness Questionnaire In Patients With Chronic Shoulder Pain | Kamal Prof.,Dr. Neveen Abdel Latif Abdel Raof, Ass.Prof.Dr. Rania Reda Mohamed Dr. Heba Mohamed Farag Elfeky |
| 30 | Mater  | 2025 | Mennatallah Alsayed Mohamed | Correlation between Smartphone Overuse on Hand Grip Strength, Neck Endurance and Sleep Quality Among Physical Therapy Students                | Ass.Prof.Dr. Rania Reda Mohamed, Dr. Amal Ahmed Mohamed Morsi , Dr. Mustafa Mahmoud Zalabya 5                |

### Scientific Publications

| N | Type of paper    | Year | Title   | Participants (Co-authors)                                     | Journal/Conference                  | Type Local/International |
|---|------------------|------|---|---|-------------------------------------|--------------------------|
| 1 | Original Article | 2019 | Electromyographic Activity Of Gluteus Maximus Muscle In Nonspecific Chronic Low Back Pain | Dr/Hatem Y. Mohammed , Dr /Reham H. Diab Dr/Rania R. Mohamed, | Medical Journal of Cairo University | National                 |

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|---|--|------|---|---|--|---------------|
| 2 |  | 2019 | Comparison between Immediate Effect of Postero-Anterior and Antero-Posterior Cervical Mobilization on Chronic Mechanical Neck Pain                      | Dr/Basem M. Mohamed,<br>Dr/Neveen A. Abdel Raouf,<br>Dr/Rania R. Mohamed  | Medical Journal of Cairo University                | National      |
| 3 |  | 2021 | Chronic low back pain changes the latissimus dorsi and gluteus maximus muscles activation pattern and upward scapular rotation: A cross-sectional study | Dr/Rania R. Mohamed,<br>Dr/Amr A. Abdel-Aziem,<br>Dr/Hatem Y. Mohammed<br>Dr/ Reham H. Diab                     | Journal of Back and Musculoskeletal Rehabilitation | International |
| 4 |  | 2021 | Effect Of Muscle Energy Technique On Non-Specific Neck Pain In Military Air Crew  | Dr/Wdeeda Hassan<br>Dr/Mohab O. M. Ali<br>Dr/Rania R. Mohamed   | Egyptian Journal of Applied Science                | National      |
| 5 |  | 2021 | Effect of different time intervals of light emitting diode therapy application on muscle fatigue  | Dr/Mai Raouf Mohamed Rageh,<br>Dr/Abeer Abdelrahman Yamany,<br>Dr/Hamada Ahmed Hamada,<br>Dr/Rania Reda Mohamed | SPORT TK-EuroAmerican Journal of Sport Sciences    | International |
| 6 |  | 2021 | Biomechanical Changes In Women With Chronic Pelvic Pain: A Case-Control Study   | Rovan M. Elbesh,<br>Hamada A. Hamada,<br>Mohamed A. Elanen,<br>Amel M. Yousef,                                  | HUMAN MOVEMENT                                     | International |

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|    |  |      |  | Tamer Mohamed Shousha, Rania Reda  |  |               |
| 7  |  | 2021 | Stretch-shortening cycle exercises can efficiently optimize gait-symmetry and balance capabilities in children with unilateral cerebral palsy: A randomized controlled trial | Ragab K. Elnaggar, Bader A. Alqahtania, Saud F. Alsubaie, Rania R. Mohamed and Mohammed F. Elbanna | NeuroRehabilitation                                      | International |
| 8  |  | 2021 | Aqua-Plyometric Exercises: Potential Implications for Bone Mineral Density, Functional Capacity, and Quality of Life in Survivors of Childhood Acute Lymphoblastic Leukemia  | Ragab K. Elnaggar, Rania R. Mohamed  | Seminars in Oncology Nursing                             | International |
| 9  |  | 2021 | Influence of pulsed magnetic field therapy on hand function post flexor tendon repair: a randomized controlled trial   | Rania Reda Mohamed, Hamada Ahmed Hamada, Eman M. Othman, Abdullah M. Al-Shenqiti, Noha Elserty     | Arch Med Sci   | International |
| 10 |  | 2021 | The effect of McKenzie protocol vs. deep neck flexor and scapulothoracic exercises in subjects with  | A.A. Abdel-Aziem, R.R. Mohamed, A.H. Draz, A.R. Azab, F.A. Hegazy,                                 | European Review for Medical and Pharmacological Sciences | International |

|    |                  |      |  |  |  |               |
|----|------------------|------|--|--|--|---------------|
|    |                  |      | chronic neck pain – a randomized controlled study  | R.H. Diab<br>Noha Elserty,   |  |               |
| 11 |                  | 2022 | Carry over effect of different cervical mobilization techniques on shoulder muscle strength in rotator cuff tendinitis patients: A randomized control trial            | Dina Othman Shokri<br>Morsigalal,<br>Shaima M. Abdelmageed<br>Eman<br>Wagdy Rania<br>Reda<br>Mohamed   | Polska   | International |
| 12 |                  | 2024 | Adding visceral manipulation to exercises on pain, range of motion, function, and scapular protraction in patients with Non-Specific Neck Dysfunction after dyspepsia. | Nabil<br>Mahmoud<br>Abdel-Aal,<br>Neveen Abd<br>El Latif Abd<br>El Raouf,<br>Adel Abd El<br>Mohsen<br>Ghorab,<br>Hisham<br>Mahmoud<br>.Ghorab,<br>Rania Reda<br>Mohamed, | American<br>Journal of<br>Physical<br>Medicine &<br>Rehabilitation | International |
| 13 |                  | 2024 | Backward Walking Versus Balance Training in Patients With Chronic Ankle Instability: A Randomized Controlled Trial   | Heba A.<br>ElGayar ,<br>Rania R.<br>Mohamed ,<br>Ghada A.<br>Abd-Allah ,<br>Amr A.<br>Azzam,<br>Neveen A.<br>Abdel Raouf   | Journal of<br>Physical<br>Therapy<br>Reviews                       | International |
| 14 | Conference Paper | 2023 | Evidence based practice by physiotherapists in Egypt: Investigating  | Prof Dr.<br>Sohier<br>Shehata<br>Rezkallah ,   | 23th<br>conference of<br>Faculty of<br>Physical                    | International |

|    |              |   |   |  |  |               |
|----|--------------|---|---|--|--|---------------|
|    |              |   | behavior, attitudes, awareness, knowledge and barriers.                                       | Raghda fawzy Attya , ass. Dr. Rania Reda Mohamed   | Therapy, Cairo University  |               |
| 15 |              | 2023  | Acupressure versus ischemic compression release of trigger points in cervical myofascial pain | Prof Dr. Sohier Shehata Rezkallah , , ass. Dr. Rania Reda Mohamed,A ya Kalil   | 22 <sup>nd</sup> conference of Faculty of Physical Therapy, Cairo University                           | International |
| 16 | Book chapter | 2020<br>2021-   | Fundamental Concepts of Therapeutic Exercises   | Assist. Prof. Dr. Marwa Shafiek Dr.Rania Reda Mohamed  | Credit hours ,Faculty of Physical Therapy, Cairo University  | National      |
| 17 | Book chapter | 2021-<br>2022/<br>2022-<br>2023/<br>2023-<br>2024/<br>2025-<br>2026 | Manual therapy  | Prof.Dr.Nev een A.El Latif,<br>Prof.Dr. Wadida Hassan<br>Prof.Dr. Soheir Shehata<br>Assis.Prof. Dr. Yaser Ramzy<br>Ass.Prof Dr. Rania Reda<br>Dr.Doaa Rafat<br>Dr. Mariam Omran<br>Dr. Aida Amir<br>Dr. Nouran Ahmed | Chapter 2,2 <sup>nd</sup> year ,2 <sup>nd</sup> semester Faculty of Physical Therapy, Cairo University | National      |

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|-----------|-----------------|---|---|---|--|----------|
|           |                 |   |   | Dr.<br>Ahmed<br>Abduallah   |  |          |
| <b>18</b> | Book<br>chapter | 2021-<br>2022/<br>2022-<br>2023/<br>2023-<br>2024/<br>2025-<br>2026 | Fundamental<br>Concepts of<br>Therapeutic Exercises | Prof.Dr.Nev<br>een A.El<br>Latif<br>Profess<br>Ass.Prof.<br>Rania<br>Reffat<br>Ass.Prof.<br>Yasser<br>Ramzy<br>Lasheen<br>Dr. Naglaa<br>Fathi<br>Ass.Prof.Dr.<br>Rania Reda<br>Dr. Mariam<br>Omran<br>Dr. Aya<br>Mahmoud<br>Dr. Nouran<br>Ahmed<br>Dr. Asmaa<br>Hossam<br>Dr. Ahmed<br>Said<br>Dr. Ahmed<br>Abduallah | Chapter 3,<br>2nd year ,1 <sup>st</sup><br>semester<br>Faculty of<br>Physical<br>Therapy,<br>Cairo<br>University | National |
| <b>19</b> | Book<br>chapter | 2021-<br>2022/<br>2022-<br>2023/<br>2023-<br>2024/<br>2025-<br>2026 | Hydrotherapy  | Prof. Dr.<br>Neveen<br>Abdelatif<br>Dr. Ghada<br>Abdelmone<br>m<br>Prof. Dr.<br>Samir<br>elsabahy<br>DR.Moham<br>ed Ibrahim,<br>Dr. Rania<br>Reda<br>DR.adel  | Chapter 6,2nd<br>year ,1st<br>semester<br>Faculty of<br>Physical<br>Therapy,<br>Cairo<br>University              | National |

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|----|---------------------|------|---|--|----------|---------------|
|    |                     |      |   | albadawy,<br>Dr. asmaa<br>housam,<br>Dr.magda<br>ramadan,<br>dr. aya<br>mahmoud<br>.Dr<br>Ahmed said   |          |               |
| 20 | Original<br>article | 2024 | Efficacy of<br>accommodating<br>variable-resistance<br>training on muscle<br>architecture, peak<br>torque, and functional<br>performance in<br>patients<br>with juvenile<br>idiopathic arthritis: A<br>randomized<br>controlled trial | Ragab K.<br>Elnaggar,<br>Alshimaa R.<br>Azab , Saud<br>M.<br>Alrawaili ,<br>Ahmed<br>S.<br>Alhowimel<br>a, Mazyad<br>A. Alotaibi ,<br>Mohamed<br>S. Abdrabo<br>, Rania R.<br>,Mohamed<br>Walaa A.<br>Abd El-<br>nabie                    | Heliyon  | International |
| 21 |                     | 2024 | Exercise strategies for<br>reversing<br>cardiopulmonary<br>deconditioning in<br>obese children with<br>bronchial<br>asthma  | Ragab K.<br>Elnaggar,A<br>hmad M.<br>Osailan,<br>Mshari<br>Alghadier,<br>Tamer E.<br>,Elnegamy,<br>Walaa E.<br>Morsy, ,<br>Mohamed<br>S. Abdrabo,<br>, Fahad A.<br>Qissi,<br>Mohammed<br>,A. Shendy,<br>Rania R.<br>Mohamed,,<br>Mahmoud | Medicine | International |

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|----|------------------|------|---|---|--|---------------|
|    |                  |      |   | S. Elfakharany  |  | International |
| 22 |                  | 2024 | Extracorporeal shock wave therapy versus dexamethasone iontophoresis as a treatment for symptomatic knee osteoarthritis | Shimaa Taha, Sahar Ahmed, Mohamed Mabrouk, En gy Moustafa, Aasmaa Abonour, Rania Reda | Human Movement   | International |
| 23 |                  | 2025 | The correlation between university teaching staff's shoulder rotation torque and hand grip strength                     | Abanoub E Michael*, Mohamed Farouk Abdel-Latif, Rania R Mohamed, Neveen A Abdel Raouf | International Journal of Medical and Health Research             |               |
| 24 | Conference paper | 2025 | Transcutaneous Electrical Nerve Stimulation versus Dry Needling in Upper Trapezius Myofascial Trigger Points            | Sara G. Soliman, Neveen A. Abdel Raouf, Rania R. Mohamed                              | 24th conference of Faculty of Physical Therapy, Cairo University | International |
| 25 | Original article | 2024 | Effect of non specific low back pain on knee function   | Adham mohamed, Neveen Abdlatif, Rania Reda  | Egyptian Reviews for Medical and Health Sciences                 | National      |
| 26 | Original article | 2025 | Effect of cryotherapy added to traditional physiotherapy on pain, function, and   | Makarious Adel Anwer Abd Elmalak,   | International Journal of Physical                                | National      |

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|----|------------------|------|--|--|--|----------|
|    |                  |      | kinematic gait parameters in persistent patellofemoral pain syndrome: a randomized controlled trial  | Rania Reda Mohamed, Amr Abdallah Azzam, Aya Mahmoud  | Therapy Alsalam University                                   |          |
| 27 | Original Article | 2026 | Correlation between Smartphone Overuse on Hand Grip Strength, Neck Endurance and Sleep Quality Among Physical Therapy Students                 | Mennatallah Alsayed Mohamed Ali Abo Deshesh , Rania Reda Mohamed, Amal Ahmed Mohamed Morsi , Mustafa Mahmoud Zalabya | International Journal of Physical Therapy Alsalam University | National |
| 28 | Original Article | 2026 | Psychometric Properties of Translated Arabic Version Of The Fremantle Shoulder Awareness Questionnaire In Patients With Chronic Shoulder Pain. | Salma Khamis Mohamed   | Benha International Journal of Physical Therapy              | National |

### Scientific Research Review

#### **Editor/Reviewer in international or local scientific journal**

| <b>Journal Title</b>                                   | <b>Type<br/>Local/ International</b> | <b>Number of reviewed<br/>research</b> |
|--|--------------------------------------|--|
| <b>Egyptian journal of chemistry<br/>(reviewer)</b>    | <b>Local</b>                         | <b>One</b>                             |
| <b>Journal of psychosomatic<br/>Research(reviewer)</b> | <b>International</b>                 | <b>One</b>                             |
| <b>Transitional Health sciences (editor)</b>           | <b>Local</b>                         | <b>Four</b>                            |

### Other Activities

- Computer skills (windows, word, excel, power point).
- SPSS software (statistical analysis software).
- Excellent command in English, French and Arabic. Both written and spoken.
- Participation in clinical examination in several Universities as MUST ,Heliopolis, ECU, BUC, 6<sup>th</sup> of October University, MTI

- حضور فعاليات الورشة العلمية والتثقيفية الخاصة بالمؤتمر العلمي الدولي الثاني عشر لكلية العلاج الطبيعي تحت عنوان "نحو رعاية متكاملة افضل للمسنين" 2009.

- حضور فعاليات الورشة العلمية والحلقة النقاشية الخاصة بالقطاع ضمن الانشطة العلمية والتثقيفية الخاصة بالمؤتمر العلمي الدولي الثاني عشر لكلية العلاج الطبيعي تحت عنوان "التقييم المرجعي للطلاب" 2009.

- حضور فعاليات الورشة العلمية والحلقة النقاشية الخاصة بالقطاع ضمن الانشطة العلمية والتثقيفية الخاصة بالمؤتمر العلمي الدولي الثاني عشر لكلية العلاج الطبيعي تحت عنوان "جودة فرص التعليم" 2009

- حضور فعاليات الورشة العلمية والحلقة النقاشية الخاصة بالقطاع ضمن الانشطة العلمية والتثقيفية الخاصة بالمؤتمر العلمي الدولي الثاني عشر لكلية العلاج الطبيعي تحت عنوان "العلاج الطبيعي نحو التحديث والتطوير" 2009

- حضور فعاليات الورشة العلمية والحلقة النقاشية الخاصة بالقطاع ضمن الانشطة العلمية والتثقيفية الخاصة بالمؤتمر العلمي الدولي الثاني عشر لكلية العلاج الطبيعي تحت عنوان "دمج المعاقين في التعليم والعمل للوصول الى التنمية" 2009

- حضور دورة تدريبية خاصة بخطوات أساسية في تحليل البيانات للنشر الدولي 2022

### **Appreciation and Honoring:**

- ❖ From The 17<sup>th</sup> International Conference Of Faculty Of Physical Therapy, Cairo University, March.2016.
- ❖ From the 1<sup>st</sup> International Scientific Conference For Arabic Society of Manual Physical Therapy, March ,2018
- ❖ From The 20<sup>th</sup> International Conference Of Faculty Of Physical Therapy, Cairo University, April.2019.
- ❖ From The 22<sup>nd</sup> International Conference Of Faculty Of Physical Therapy, Cairo University, July.2023
- ❖ From The 24<sup>th</sup> International Conference Of Faculty Of Physical Therapy, Cairo University, July.2025