

Research Interests of Academic Staff Members- Physical Therapy Department

<i>Academic Staff Members</i>	<i>Research Interests</i>
Prof. Khaled Mamdouh	<ul style="list-style-type: none"> ▪ Role of Physical Therapy in: <ul style="list-style-type: none"> - Cases of Children Diseases. - Cases of Pediatric Surgeries. - Cases of Growth and Developmental Disorders. ▪ Electroconvulsive Therapy. ▪ Natural Remedies Hand.
Prof. Shehab Abd-Elkader	<ul style="list-style-type: none"> ▪ Role of Physical Therapy in: <ul style="list-style-type: none"> - Cases of Diabetes and Obesity. - Cases of Cardiothoracic Surgeries. - Cases of Chest Disorders. - I.C.U, Geriatric and Musculoskeletal Cases. ▪ Cardiac Rehabilitation.
Dr. Enas Elsayed	<ul style="list-style-type: none"> ▪ Stroke Rehabilitation. ▪ Reflexology in Different Neurological Cases. ▪ Physical Therapy Management of Spasticity ▪ Balance Disorders. ▪ Evaluation and Treatment of Neurological Gait. ▪ Foot Pressure Changes during Pregnancy. ▪ Cold Therapy in Multiple Sclerosis. ▪ Mirror Therapy for Lower Extremity in Hemiplegia.
Dr. Reda Sarhan	<ul style="list-style-type: none"> ▪ Infrared Laser Versus Iontophoresis with Corticosteroid on ▪ Wound Healing in Burnt Children. ▪ Effect of Biofeedback Training on Controlling Dynamic Equinus Deformity in Hemiplegic Children. ▪ Effect of Body Weight Support Treadmill Training on Gait Parameters in Spastic Hemiplegics Children. ▪ The Conditioning Effect of Partial Body Weight Support ▪ Treadmill Training Program on Children with Down syndrome. ▪ The Effect of Biofeedback Training on Fecal Incontinence in Children with Spina Bifida (Myelomeningocele). ▪ Normative Data of Handgrip Strength and Hand Dexterity of Preschool Egyptian Children aged 3-6 years. ▪ Effect of Electro Acupuncture TENS, Stretching Exercises and Prefabricated Insole in Patients with Plantar Fasciitis
Dr. Amer AL-Saif	<ul style="list-style-type: none"> ▪ Prediction of fall and balance. ▪ Validity and reliability of balance assessment tools. ▪ Lighting and perceptual cues: Effects on gait measures of older adults at high and low risk for falls. ▪ Vestibular Rehabilitation and dizziness.

Information Technology (IT) Unit – Physical Therapy Department

Dr. Ashraf Darwesh	<ul style="list-style-type: none"> ▪ Physical Therapy for: <ul style="list-style-type: none"> - Stroke Patients - Parkinsonism - Cerebellar Disorders - Balance Disorders - Spinal Cord Injuries - Spinal Disorders and Spinal Surgeries - Peripheral Nerve Injuries
Dr. Ashraf Elmarakby	<ul style="list-style-type: none"> ▪ Physical Therapy for: <ul style="list-style-type: none"> - Pulmonary Disorders. - Cardiac Disorders and surgeries. ▪ Obesity Management.
Dr. Ehab Hafez	<ul style="list-style-type: none"> ▪ Interactive Games as Rehab Technology Trend for Neurological Disability. ▪ Kinematic Gait Alteration among Different Aging Categories. ▪ Muscle Activities during Different Weight Bearing Activities. ▪ Foot-Wear and its Impact on Shank Muscles.
Dr. Rizik Allah Gaowgzeh	<ul style="list-style-type: none"> ▪ Osteochondrosis. ▪ Role of Physical Rehabilitation in the Development of Public Health.
Dr. Salwa EL-Gendy	<ul style="list-style-type: none"> ▪ Impact of exercises on: <ul style="list-style-type: none"> - Hypertension and Diabetes Mellitus - Mood Changes & depression - Sleep, Pain, Diseases, Metabolism and General Health ▪ Physiotherapy Impact on: <ul style="list-style-type: none"> - Hypertension, Pain and Some Diseases
Dr. Ahmed Aboeleneen	<ul style="list-style-type: none"> ▪ Proprioception.
Dr. Ahmed Gad	<ul style="list-style-type: none"> ▪ Rehabilitation of Cerebral Palsy. ▪ Interactive games in disabilities. ▪ Using of magnetic field in treatment of knee osteoarthritis (OA).
Dr. Isabelle Devreux	<ul style="list-style-type: none"> ▪ Tests and Measurements of the Spine, Hand and Upper Extremity. ▪ Evaluation of Musculoskeletal Disorders. ▪ Management and Quality of Physical Therapy Services. ▪ Electrotherapy and Hydrotherapy Applications. ▪ Ergonomics.
Dr. Mohamed Chevidikunnan	<ul style="list-style-type: none"> ▪ Orthopaedic and Sports Injury Rehabilitation especially in the conditions of knee, back, neck and shoulder injuries
Mr. Abdullah Algarni	<ul style="list-style-type: none"> ▪ Effect of Thoracic Manipulation in Patients with Adhesive Capsulitis: A randomized Clinical Trail. ▪ Effect of Core Stability Training Program on Pain and Function Following ACL Reconstruction: A randomized Clinical Trail.
Mrs. Eman Ashmawy	<ul style="list-style-type: none"> ▪ Coronary Artery bypass Graft (CABG). ▪ Obesity and Diabetes ▪ Cardiopulmonary Physiotherapy.