

Curriculum Vitae



1) PERSONAL DATA:

Name: Alaa ElDin Balbaa
Date of Birth: October/1 st. /1960
Nationality: American, Egyptian origin
Marital Status: Married
Permanent Address: 12 Dokki st.#3 – Gizza ,Egypt
Mailing Address: As above
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2)ACADEMIC QUALIFICATION:

1982: B.Sc. in Physical Therapy, Cairo University, Egypt.
1989: M.Sc in Physical Therapy, Cairo University, Egypt.
1999: Ph.D in Physical Therapy, TWU, Houston, TX, USA

3)EMPLOYMENT HISTORY:

1985-1990: Demonstrator of P.T. for musculoskeletal disorders and its surgery, Faculty of Physical Therapy, Cairo University. (Day time).
Physical therapist at Nile Badrawi Hospital, Cairo, Egypt (Evening time)

1990-2000: Assist. Lecturer of P.T. for musculoskeletal disorders and its surgery, Faculty of Physical Therapy, Cairo University. While holding the position I was on un paid educational vacation for studying the Ph.D in USA. I was practicing as a licensed physical therapist at different facilities in USA.

2000-2005: Lecturer of P.T. for musculoskeletal disorders and its surgery, Faculty of Physical Therapy, Cairo University (day time).
Rehab directors at Nile Badrawi Hospital, Cairo, Egypt (Evening time).

2009-2009: Rehab director at Dar Elmona Chronic care Hospital.

2005-2011: Assistant Professor of P.T. for musculoskeletal disorders and its surgery, Faculty of Physical Therapy, Cairo University (Day time). Practicing physical therapy at my own private clinic.

2011 and currently: Professor of P.T. for musculoskeletal disorders and its surgery, Faculty of Physical Therapy, Cairo University.

4)Leadership position:

1. Dean and head of Faculty of Physical Therapy, Cairo University 2011 and currently for the second and last round that end by October 2017.
2. A member in the Cairo University committee.
3. A member in student affairs and education committee, Faculty of Physical Therapy.
4. A member in post-graduate and research affairs committee, Faculty of Physical Therapy.
5. A member in community service and development of environment council, Faculty of Physical Therapy.
6. Curricula development committee.
7. Head of Faculty Quality assurance unit.
8. Secretary of Physical Therapy Sector, Supreme Council of Universities.
9. Deputy board of directors for prosthetics and orthotics unit.
10. A member in Higher Coordination Committee of Health, Supreme Council of Universities.
11. A member in license committee for Physical Therapy, Ministry of Health.
12. A member in Egyptian Syndicate of Physical Therapy.
13. Head of Egyptian Physical Therapy and Rehabilitation Association, Cairo University.
14. Head of “No more Handicap” Association.
15. A member in Nour El-Hayat Association for disabled.
16. Head of the committee that supervise other Physical Therapy Faculties.
17. A member in Maddi Club Swimming Committee.
18. Executive Director of Arab Physical Therapy Faculty Union.
19. Head of Alumni Unit (Cairo University).
20. Head of Physical Therapy services and continuing education center (Cairo University).
21. Head of crises and disasters unit (Cairo University).
22. A member in department of Physical Therapy for musculoskeletal disorders and its surgery council (Cairo University).

Significant change made in the education and profession of physical therapy during my two rounds as a Dean:

- 1- Upgrade the curriculum of the entry level bachelor degree by increasing number and topics and hours that lead to increasing the number of studying years to 10 semesters (5 years) instead of 4 plus one clinical year.
- 2- Establish and obtained all the legal approvals to do the tDPT.

- 3- Obtained the national accreditation for the faculty of physical therapy, Cairo University.

Professional experience:

1. Met the requirements prescribed by law and regulations for a registered physical therapist and is therefore entitled to use the letters RPJ as evidence of having qualified as a registered physical therapist, 1984 in EGYPT.
2. Fulfillment of the requirements as prescribed by law and is hereby licensed by Virginia board of Medicine to practice, 1991 in USA.
3. Fulfillment of the requirements as prescribed by law and is hereby licensed by Texas State board of Physical Therapy examiners to practice Physical Therapy, 1993.
4. Having furnished satisfactory evidence of attainments and qualifications, as required by law, is hereby duly certified as a physical therapist in conformity with an act of legislature of the state of Florida, creating and regulating the profession.
5. Effective clinical documentation, continuing education unit, Catonsville Community College, 1993.
6. Having given satisfactory evidence of the completion of professional and other requirements prescribed by law to practice as a physical Therapist in the state of the New York, 2004

Scientific Works:

[A] RESEARCH work:

1. Unpublished Master Degree Thesis at 1990 under the title of “ comparative electromyographic study between bilateral straight leg raising and bilateral leg raising with knees bent on loading the lumbar spine”
2. Unpublished Doctoral degree Thesis at 1999 under the Title of "Early detection of cervical spine disorder in industrial and job related injuries”
3. Participated in joint research project between The American University in Egypt and Utica University in USA under the title of “Using rigid modeling to predict the position of maximal lumbar disc decompression in lumbar disc prolapsed patients”

- Alaa A. Balbaa. Early detection of cervical spine disorder in industrial and job related injuries.1999 - elibrary.ru .٤
- Alaa A. Balbaa and Khalid Ayad: Cervical Proprioceptive Training in Treatment of Chronic Mechanical Neck Pain, Bull. Fac. Ph. Th. Cairo Univ, 2006. .٥
- Karim M.F. Ghuiba, Alaa A. Balbaa , Shams Elbaz. Comparative Study Between Continuous Versus Pulsed Ultrasound in Knee Osteoarthritis. <https://www.waset.org/abstracts/45728>. .٦
- Sahar A. Abd Albary, Bassem G. El Nahass and Alaa A. Balbaa. Early Weight Bearing Versus Traditional Physical Therapy Program in Management of Ankle Sprain. Bull. Fac. Ph. Th. Cairo Univ., Vol. 14, No. (2) Jul. 2009. .٧
- Ahmed M. Elshawi, Ahmed H. Hussein, Alaa A. Balbaa, Hatem M. Elazizi. shock wave therapy versus therapeutic exercises in treatment of shoulder impingement syndrome, Master thesis, 2010, <http://www.erepository.cu.edu.eg/index.php/cutheses/thesis/view/5793> .٨
- Emad E. Ibraheem, Amal F. Ahmed, Alaa A. Balbaa, Ahmed L. Mohamed. Effect of sensory motor training and electrical russian current on knee osteoarthritic patients, Master thesis, 2010, <http://www.erepository.cu.edu.eg/index.php/cutheses/thesis/view/4237> .٩
- Hazem I. Ibrahim, Ahmed H. Hussein , Alaa A. Balbaa, Khalid E. Ayad. Interexaminer reliability and validity of lumbar segmental instability tests in patients with low back pain. Master Thesis, 2011, <http://www.erepository.cu.edu.eg/index.php/cutheses/thesis/view/6748> .١٠
- Nashwa M. Alam, Alaa A. Balbaa, Zinab M. Helmy , Lelian A. Zaki. Comparison between two different exercise programs on energy expenditure and cobb's angle in adolescent idiopathic scoliosis, Master Thesis2011,<http://erepository.cu.edu.eg/index.php/cutheses/thesis/view/7756> .١١
- Radwa E Sweif, Alaa A. Balbaa, Ahmed Abdelaziz , Nagui S. Nassif. Evaluation of mechanical and physiological gait efficiency following anterior cruciate ligament reconstruction, Master Thesis 2012, <http://www.erepository.cu.edu.eg/index.php/cutheses/thesis/view/9607>. .١٢
- Sara M. Mohamed, Alaa A. Balbaa, Lilian A. Zaki, Marzouk A. Allythy. Post isometric relaxation versus position release technique in treatment of chronic low back dysfunction, Master Thesis, 2007, <http://erepository.cu.edu.eg/index.php/cutheses/article/view/3020>, published on 2012 .١٣
- Mohamed N. Fiaad, Wadida H. Sayed, Alaa A. Balbaa. Mobilization with movement in chronic low back dysfunction, Master Thesis,2005,<http://erepository.cu.edu.eg/index.php/cutheses/article/view/3011>, published on 2012. .١٤
- Sahem A. Alshawabkah, Magdolin M. Shenouda. Manual pressure release versus positional release in treatment of myofascial trigger point of the upper trapezius muscle, Master Thesis, 2008, <http://erepository.cu.edu.eg/index.php/cutheses/article/view/5119>, published on 2012 .١٥
- Rabab A. Ali, Wadida H. Sayed, Alaa A. Balbaa. Effect of quadriceps muscle fatigue on electromyographic activities in knee osteoarthritis. Master .١٦

- Thesis, 2008,
<http://www.erepository.cu.edu.eg/index.php/cutheses/article/view/3052>,
 published on 2012
17. Mona S. Faggal, Alaa A. Balbaa, Mona H. Eldin. Predictors of shoulder injuries in collegiate swimmers, Master Thesis, 2013,
<http://erepository.cu.edu.eg/index.php/cutheses/thesis/view/11913>
- Radwa T. Elshorbagy, Alaa A. Balbaa, Khaled E. Ayad, Walid Reda .١٨
 Mohamed Awad Allah. The contribution of hip strategy in dynamic balance in recurrent ankle sprain, Master Thesis, 2013,
<http://www.erepository.cu.edu.eg/index.php/cutheses/thesis/view/12355>.
- Dina Mohamed Ali Alhamaky, Alaa Eldin Abdelhakem Balbaa , .١٩
 Hassan Mostafa Algamal , Lilian Albert Zaki. Relationship between hip abductors and back extensors peak torque in mechanical low back pain, Master Thesis, 2013, <http://www.erepository.cu.edu.eg/index.php/cutheses/thesis/view/13223>.
20. Forward head posture as a function of head and neck anthropometry, 14th International Scientific Conference of Faculty of Physical Therapy–Cairo University, Cairo, Egypt, April 25-26, 2013.
21. Validity and Reliability of photogrammetric method in assessing lower limb static alignment, 14th International Scientific Conference of Faculty of Physical Therapy –Cairo University, Cairo, Egypt, April 25-26, 2013.
22. Measurement of cranio-vertebral angle with electronic head posture instrument and head posture spinal curvature instrument: A reliability study, 14th International Scientific Conference of Faculty of Physical Therapy – Cairo University, Cairo, Egypt, April 25-26, 2013.
23. The effect of fatiguing of the hip muscles in dynamic posture control in recurrent ankle sprain patients, 14th International Scientific Conference of Faculty of Physical Therapy –Cairo University, Cairo, Egypt, April 25-26, 2013.
- Sahem A.M. AL-Shawabka, Magdolin M. S.S. Shenouda and Alaa A. .٢٤
 Balbaa. Positional release technique versus manual pressure release on the upper trapezius muscle in patients with myofascial pain dysfunction syndrome. Bull. Fac. Ph. Th. Cairo Univ., Vol. 18, No. (1) Jan., 2013
- Nabil A. Mohamed, Alaa A. Balbaa, Khaled El-Sayed Ayad, Ahmed .٢٥
 Mostafa Mohamed: Correlation study between clinical and radiological findings in knee osteoarthritis. Volume 18, No.(1), 2013.
- Ahmed S. Abdallah, Alaa A. Balbaa, Yasser H. Elmeligy, Magdolin M. .٢٦
 Samy. Effect of craniocervical flexion training and dynamic strengthening exercises in patients with chronic mechanical neck pain. Master Thesis, 2013,
<http://erepository.cu.edu.eg/index.php/cutheses/thesis/view/13273>.
27. Effect of body weight on functional outcome measures following closed kinetic chain exercises in patients with knee osteoarthritis, 15th International

Scientific Conference of Faculty of Physical Therapy, Cairo University, Cairo, Egypt, March 6-7, 2014.

28. The use of pain as severity a determinants of functional outcome following closed kinetic exercises in patients with knee osteoarthritis”, 15th International Scientific Conference of Faculty of Physical Therapy, Cairo University, Cairo, Egypt, March 6-7, 2014.
29. Effect of kinesio tape on iliocostalis lumborum in back myofascial pain syndrome”, 1st international conference of Faculty of Physical Therapy, Cairo University, Unit of Orthoses and Protheses, Cairo, Egypt, April 2-3, 2014.
30. Fund raising for the rehabilitation institute of faculty of physical therapy, 16th International Scientific Conference under the title of “ No More Disability”, Cairo, Egypt, 5th-6th March, 2015.
31. Mohammad E. Deheis, M. Galal Beheiri, Hamida R Hassanien, Emad S. Helmy, Alaa A. Balbaa. Mini symposium on controversies in tmds diagnosis & management, Conference of Faculty of Oral and Dental Medicine, Cairo University, Egypt, 2015
32. Abdelgalil A. Abdelgalil, Alaa A. Balbaa, Hatem M. Elazizi, Ashraf A. Abdelaal. High Velocity Low Amplitude Manipulation versus Sustained Apophyseal Glides on Pain and Range of Motion in Patients with Mechanical Neck Pain: An Immediate Effect. International Journal of Advanced Research 2015, Volume 3, Issue 6, 503-513
33. Mohammed MD, Rashade GM and Balbaa AA. Isokinetic assessment of hip rotators in patients with chronic mechanical low back pain. Egyptian Journal of Occupational Medicine, 2015; 39 (1) : 53-65

Ayman M. El-Makakeya, Radwa M. El-Sharaby, Mohammed H. Hassan Alaa A. Balbaa. Comparative study of the efficacy of pulsed electromagnetic field and low level laser therapy on mitogen-activated protein kinases. Biochemistry and Biophysics Reports, Volume 9, March 2017, 316–321.

[B] CONFERENCES:

1. Participated in the conference under the title of “Current concepts of spine evaluation and treatment”, 31st January, 1994, Houston, Texas
2. 13th international Scientific Congress of Egyptian Medical Syndicate, January 14th -17th , 2002
3. The third Annual International Conference of the Obstetrics and Gynecology, May 30-31, 2002
4. 14th congress of the World confederation for Physical Therapy, Barcelona, Spain, 7-12 June, 2003.
5. The second El-Ahly International sports medicine congress, Cairo, Egypt, May4-5, 2006.
6. The Ninth International Scientific Conference, Faculty of Physical Therapy, Cairo University, Cairo, Egypt, March 1-3, 2006.
7. The 15th International Congress of the World Confederation for Physical Therapy, Vancouver, Canada, June 2-6, 2007.

8. Fifth Annual Meeting of the Egyptian Medical Association for the study of Obesity, Cairo, Egypt, February 6-8, 2008.
9. The First International Symposium of Physical Therapy, Nasser Institute, January 9-10, 2009.
10. Physical Therapy Conference, Alexandria, July, 2012.
11. 12th International Medical Conference under the title of Reproductive Health Conference & The Stem Cell Conference, Cairo, Egypt, 3-5 May, 2012.
12. 14th International Scientific Conference of Faculty of Physical Therapy – Cairo University under the title of "Physical Therapy the future of treatment", Cairo, Egypt, April 25-26, 2013.
13. New Era Of Physical Therapy In Low Back Pain, Physical Therapy Syndicate, Kafr ElShekh, 29 June, 2013.
14. 15th International Scientific Conference of Faculty of Physical Therapy – Cairo University under the title of "Manual Therapy & Technology in Physical Therapy, Egypt", Cairo, Egypt, March 6-7, 2014.
15. 1st international conference of Faculty of Physical Therapy, Cairo University, Unit of Orthoses and Prostheses under the title of "Annual meeting in orthoses and prostheses for rehabilitation to challenge disability", Cairo, Egypt, April 2-3, 2014.
16. The First Annual International Conference of Obesity & Nutrition under the title of "Updates in obesity from causes to management", 12th March, 2015.
17. 4th International Dental Congress, Intercontinental citystars, 7th -10th April, 2015.
18. 7th International Scientific Conference, under the title of "Empowering Disability", Cairo, Egypt, 10-11th March, 2015.
19. 2nd Madinah International Conference for Medical Rehabilitation Updates, Meridien Hotel (Madinah), Saudia, 3-6 November, 2015.
20. 3rd scientific day science of physiotherapy, Beirut, 11-12 September, 2015.
21. 1st international Conference for scientific research and its practical applications in physical therapy, Cairo 24-25 October, 2015. Paper presentation under the title of "The Efficiency of Pulsed Electromagnetic Field versus low level laser therapy on mitogen-activated protein kinases (MAPKs) in Post-Appendectomy".
22. 16th International Scientific Conference under the title of "No More Disability", Cairo, Egypt, 5th-6th March, 2015.
23. 6th scientific conference for sport medicine confederation under the title "sport medicine and handicapped athlete", 23 December, 2016.
24. 10th edition of the international congress under the title of "Physio Beirut 2016", 24-25 September 2016.
25. The 3rd International Conference for the Arab Society of Therapeutic Nutrition & Complementary Medicine (ASTN.CM) under the title of "Sports Nutrition and Safe Supplements Use" Hurghada City, Egypt, 27-29 October, 2016.
26. Annual International Congress of The Egyptian Orthopaedic Association, Intercontinental Cairo Citystars, Egypt, 28th November-01 December, 2016.
27. First Scientific Conference under the title of "New Era in Therapeutic Modalities, 20-21 April, 2016.

[c] Work Shops:

1. Internal system for education enhancement workshop.
2. Physiotherapy benchmarking.
3. Curriculum developments from traceability to achievability.
4. Guideline to be a good facilitation in a training programme
5. Faculty performance appraisal for enhancement of internal quality system.
6. Quality assurance in planning of institution academic programme.
7. Examination standards in academic institution.
8. Development of course matrix.
9. Course report.
10. Speaker in the Lumber and TMJ dysfunctions managements, 30thSeptember - 1st October, Ministry of Health, Aman, 2016

[d] Training courses:

1. Continuing education course in Acupuncture in Neurology & Orthopaedic, scientific committee of EPTA, 1-30 June, 1990.
2. 55 hours of post-graduate training (lectures, demonstrations, practical experience): Introduction to spinal evaluation and manipulation, 1992.
3. 15 hours home study course in Geriatrics, Cairo, December 2000.
4. 3D Gait and Motion Analysis, Cairo, February 2006.
5. 40 hours training, Orthopedic Manual Physical Therapy of the Lumbar Spine, Cairo, 2006.
6. 64 hours training, Manual Therapy of Upper and lower extremities, Cervical and Lumbar Spine, Cairo, November 2006.
7. 15 hours training, The foot and ankle complex, USA, November 2005.
8. 8 hours training, Evaluation and management of abnormal posture, balance and gait characteristics, USA, August 2007.
9. 8 hours training, the Athroplasty course, shoulder, hip and knee, February 2008.
10. 8 hours training, advances in joint replacements and rehabilitation focus on hip and knee, USA, March 2008.
11. 8 hours training, Differential screening for successful rehabilitation outcomes in LES, USA, March 2008.
12. 8 hours training, Focus on evidence based strategies: Orthopaedic rehabilitation of the hip and knee conditions, USA, June 2009.
13. 8 hours training, Topics in geriatrics rehabilitation, evidence based Assessment and treatment strategies, USA, August 2009.
14. 8 hours training, Pain management concepts for better functional outcomes, September 2009.
15. Training course in New strategies in teaching and learning, Cairo, December, 2008.

[e] Scientific symposium:

1. Management of problems in total knee arthroplasty, Cairo, August 2000.
2. Development of exam system, Cairo, April 2004.
3. New Era in sports injuries, Cairo, October 2004.
4. E-learning, Cairo, April 2004.
5. Weight control and obesity, November 2007.
6. Aims and importance of training, January 2009.
7. A speaker of scientific symposium under the title of “Low back pain management “, Ministry of Health, Red Sea Government, December 2015.

[f] Faculty and Leadership Development Center (FLDC) courses

- مشروعات ال بحوث ال تناف سدية
- في ال تدريس الات جاهلت ال حدية
- ادارة ال فريق ال بحثي
- ال جوازب ال قانونية والمالية
- ادارة الوقت والاجتماعات
- عال دورة الاتصال الف
- الاساليب ال حدية في ال تعلم وال تعلم
- Competitive research projects.
- Modern trends in teaching.
- Management of the research team.
- Legal and financial aspects.
- Management of time and meetings.
- Effective communication course.
- Modern methods of teaching and learning.

[g] Thesis supervision Ph.D Thesis:

1. The role of preventive balance training in improving function and reducing incidence of knee injury astudy on football players.
2. The importance of q-angle measurement in the detection of lateral patellofemoral malalignment in obese females during wieght bearing.
3. Evaluation of Neuromuscular Changes Following Anterior Cruciate Ligament Reconstruction .
4. Evaluation of Mechanical And Physiological Gait Efficiency Following Anterior Cruciate Ligament Reconstruction.
5. shock wave therapy versus therapeutic exercises in treatment of shouider impingement syndrome.
6. The Combined Effect of Myofascial Therapy and Therapeutic Exercises Versus Therapeutic Exercises in Treatment of Shoulder Impingement Syndrome
7. Predictors of Shoulder Injuries in Collegiate swimmers.
8. Oral versus Phonophoresis Administration of Glucosamine and Chondroitin in Treatment of Knee Osteoarthritis.
9. The combined effect of kinesio tape and lumbar stabilizing exercises in treatment of chronic mechanical low back pain.
10. Ischemic compression versus kinesio tape in treatment of fibromyalgia syndrom.
11. Effect of kinesio taping of the gluteus medius muscle on treatment of iliotibial band friction syndrome.
12. Effect of Correcting Muscle Imbalance in Treating of Osteitis Pubis.
13. Neuromuscular electrical stimulation combined with ponseti mothed for the correction of idiopathic clubfoot.
14. Efficacy of physiotherapy program after arthroscopic anterior shoulder stabilization.
15. A Multimodal treatment versus individualized physical therapy program in treatment of cervical radiculopathy.
16. Development of a clinical prediction rule to indentify patients with knee osteoarthritis likely to benefit from exercise.
17. Effect of Ischemic Pressure Versus Acupuncture Stimulation on Myofascial Neck Trigger Points.

18. Cervical manipulation versus sustained natural apophyseal glides in patients with mechanical neck pain.
19. Core stability measures as predictors of hamstring strain in soccer players.
20. Shock wave therapy versus ischemic pressure in treatment of chronic mechanical neck pain
21. Effect of stretching exercises and platelet-rich plasma in treatment of muscle induced strain injury in rats.
22. Clinical prediction rules for using open kinetic chain exercise in treatment of knee osteoarthritis.
23. Effects of open versus closed kinetic chain exercises during tibial distraction osteogenesis by ilizarov's method
24. Efficacy of suggested rehabilitation regimen versus two rehabilitation programs after flexor tendons repair of the hand.
25. Efficacy of trunk endurance exercises in the treatment of chronic mechanical low back pain
26. Evaluation of the Isokinetic Core Muscles Strength In Chronic Low Back Patients.
27. Cognitive task versus focus of attention on dynamic postural control in recurrent
28. Effect of selected endurance training program in treatment of chronic mechanical neck pain ankle sprain.
29. Relationship between core stability and the risk of different lower extremity injuries in athletes
30. Assessment of proprioception in mechanical low back pain
31. Positional release technique versus kinesio tape in lumbar myofascial pain syndrome
32. Early versus late weight bearing training after tibial plateau fracture fixation
33. Effect of strain counterstrain versus high velocity low amplitude thrust manipulation on clinical outcomes in acute mechanical low back pain
34. The relationship between subscapularis trigger points and frozen shoulder

Master Thesis:

1. Effect of exercises therapy on dynamic knee stability after acl reconstruction using two different surgical technique " comparative study
2. Effect of cervical stabilization exercises in treatment of chronic mechanical neck pain
3. Pulsed electromagnetic field versus traditional physical therapy in the treatment of chronic mechanical low back pain
4. The role of electrical stimulation in rehabilitation of hand flexor tendon reconstruction
5. Lumbar lordosis and pelvic inclination assessment in chronic mechanical low back pain
6. The effect of core stability training program in management of acute hamstring strain
7. Three dimensional analysis of selected parameters of vertebral column in subjects with pes planus
8. A suggested physical therapy program in failed back surgery syndrome for lumbar disc prolapse
9. Early weight bearing versus traditional physical therapy program in treatment of inversion ankle sprain

10. Effect of low intensity laser on the promotion of healing of the grade injury of the anterior talofibular ligament of the ankle joint
11. Infrared laser therapy versus manual techniques in treatment of lateral epicondylitis
12. The effect of various pressures of the forearm support band on wrist extensors in tennis elbow
13. Effect of eye head coupling exercises on cervicocephalic kinesthesia in chronic mechanical neck pain
14. Diethylamine salicylate phonophoresis versus ultrasound in the treatment of carpal tunnel syndrome
15. The efficacy of different neck positions with intermittent cervical traction in cervical radiculopathy
16. Effect of unilateral great toe amputation on plantar pressure distribution in diabetic patients
17. Phonophoresis versus ultrasound in the treatment of frozen shoulder
18. Effect of patellar taping on balance in patients with knee osteoarthritis
19. balance and functional performance in patients undergoing cruciate retaining versus posterior stabilized total knee arthroplasty comparative study
20. Influence of strengthening of hip abductors and external rotators in treatment of patellofemoral pain syndrome
21. The effect of scapular stabilization exercises on chronic neck pain
22. Effects of deep cervical flexors training on forward head posture
23. Mulligan's versus maitland's mobilization in the treatment of diabetic frozen shoulder
24. Effect of craniocervical flexion training and dynamic strengthening exercises in patients with chronic mechanical neck pain
25. Effect of mobilization with movement on lateral elbow tendinopathy
26. Effect of shock wave therapy on knee osteoarthritis
27. The effect of pulsed electromagnetic field and pilates exercises on chronic mechanical low back pain.
28. The combined effect of mulligan's mobilization with movement and taping in the treatment of shoulder impingement syndrome
29. Closed versus open kinetic chain exercises in treatment patients with hemophilic arthritis
30. The contribution of hip strategy in dynamic balance in recurrent ankle sprain
31. Post isometric relaxation versus positional release technique in treatment of chronic low back dysfunction
32. physical therapy program for temporomandibular joint dysfunction after radiotherapy in patient with head and neck cancer
33. Correlation study between clinical and radiological findings in knee osteoarthritis
34. The effect of kinesio tape and williams exercises on patients with lumbar spondylosis
35. Positional release technique versus stretching exercises in treatment of cervical spondylosis
36. Effect of h-reflex directed physical therapy on acute and chronic discogenic lumbosacral radiculopathy
37. Association between the durations of severity of forward head position in egyptian policemen

38. Effect of positional release technique versus kinesio tape in lower back multifascial pain syndrome
39. Effect of body position on the measurement of forward head posture in asymptomatic adults
40. Relationship between lower limb static alignment and the occurrence of hamstring muscles injury in Egyptian players
41. Relationship between chronic mechanical low back pain and hip rotators deficiency
42. Association between hamstrings tightness and forward head posture in healthy adults
43. Changes in fascia structure in response to altered muscular activity in wistar rats
44. Relationship between head and neck anthropometry and head posture correction of the scapular dyskinesia in patients with diabetic frozen shoulder using a muscle energy technique
45. Comparative study between squatting and squatting with hip adduction in treatment of patellofemoral osteoarthritis
46. Positional release technique versus post isometric relaxation technique in treatment of cervical spondylosis
47. Electroacupuncture versus transcutaneous electrical nerve stimulation on knee osteoarthritis
48. Assessment of the severity of forward head posture in patients with chronic neck pain
49. Myofascial release versus mobilization in treatment of frozen shoulder
50. Under – water exercises versus land – based exercises in the treatment of knee osteoarthritis
51. Effect of low level laser therapy on healing of bone fractures in rats.
52. The effect of low intensity pulsed ultrasound on bone healing in diaphyseal femoral fracture in human
53. Combined effect of closed – kinetic chain and open- kinetic chain exercises on atraumatic shoulder instability
54. Effect of neural mobilization on cervical radiculopathy
55. Interexaminer reliability and validity of lumbar segmental instability tests in patients with low back pain
56. Effect of hand anthropometry on grip strength in normal subjects
57. Efficacy of kinesio tape in treatment of knee osteoarthritis
58. Influence of proprioceptive training in patients with arthroscopic partial meniscectomy
59. Light therapy versus laser in treatment of recurrent lateral ankle sprain
60. Comparative study between two taping techniques in treatment of patellofemoral pain syndrome
61. Effect of post isometric relaxation on pain and range of motion in chronic mechanical neck pain
62. Scapular muscle training versus mobilization in treatment of shoulder impingement syndrome
63. Efficacy of aerobic exercise on controlling premenstrual syndrome
64. Comparison between two different exercise programs on energy expenditure and Cobb's angle in adolescent idiopathic scoliosis
65. Effect of electromagnetic therapy on fascial structure of wistar rats
66. Effect of craniosacral therapy on chronic mechanical neck pain
67. Reliability of scapular reposition test in assessment of impingement symptoms

68. Effect of suboccipital muscle inhibition technique in patients with chronic mechanical low back pain
69. Effect of exercise therapy in treatment of ratelofemoral pain syndrome systematic review
70. Effect of stretching exercise onset time on healing of strain-induced muscle injury in rats
71. predictors of shoulder impingement among egyptian physiotherapists
72. Neuromuscular training with rigid tape versus strength training in the treatment of medial compartment knee osteoarthritis

73. Effect of core stability training on knee proprioception after anterior cruciate ligament reconstruction
74. Association study between acromio humeral distance, glenohumeral internal rotation deficit and scapular dyskinesis in patients with shoulder impingement syndrome
75. Effect of neuromuscular exercises on knee osteoarthritis after hyaluronic acid injection
76. Effect of early neuromuscular training on knee proprioception after anterior cruciate ligament reconstruction
77. Effect of plyometric training on performance and incidence of injury in volleyball players
78. Flexibility and strength deficits in chronic ankle instability
79. association between the durations of severity of forward head position in egyptian policemen
80. Effect of body position on the measurment of forward head posture in asymptomatic adults
81. Association between hamstrhngs tightnss and for ward head posture in healthy adults
82. Effect of stretching exercise onset time on healing of strain-induced muscle injury in rats

5) Education & Its Promotion:

[A] Under Graduate:

***Education, Exams and Promotion:**

- (1) Physical Therapy for orthopaedic surgery

[B] Post Graduate:

***Education, Exams and Promotion:**

****Master**

Foundation of motor control
cidepohtro ni serudecorp fo sisylanA
Sport injuries Management
goloisenik decnavdAy

****Doctoral Degree:**

ni serudecorp fo sisylanAII lortnoc rotom fo noitadnuoF
ateleksolucsum rof yparehT lacisyhP sredrosid
sisylana tiaG

Activities:**1-National Project**

1-Vice Chairman of the Board of Directors, Physical Therapy and Rehabilitation Center, 6th October, Cairo University.

2-Quality projects

1- A member of the group that is responsible for project of establishing an internal system of quality assurance in the college in September 2003 - November 2005.

2- A Member of the group that is responsible of accreditation project, Faculty of Physical Therapy - Cairo University (March 2008 - September 2010)

3- Head of the Quality Assurance Unit that achieved the requirements of accreditation by National Authority for Quality Assurance and accreditation of Education (NAQAAE).

3-Curriculum development

1-Participating in development of the curriculum of the Physical Therapy (undergraduate) that started on 2013/2014.

2- A member in the committee that established the DPT program.

3- A member in the committee that established a new curriculum (credit hours) that focuses on Manual Therapy.

4- A member in the committee of research plan

4-Professional development and community service:

1. Establishing Physical Therapy Sector Committee in Supreme Council of Universities.
2. Establishing a project of Physical Therapy and Rehabilitation Center for special needs, in 6th of October city, Cairo, Egypt.
3. Joining the organizational board of higher health committee in Supreme Council of Universities.
4. Organizing annual faculty conference.
5. Activating environmental project administration, which belongs to the community service sector in the faculty at February 2014.
6. A member in supervision committee for the opening of private or governmental faculties of physical therapy.

First: Governmental universities

- Faculty of Physical Therapy Beni swaif University
- Faculty of Physical Therapy Kafr El-Sheikh University
- Faculty of Physical Therapy - South waadi University.
- Physical Therapy - Suez University

Second: Private universities

- Delta university - Faculty of Physical Therapy
- Faculty of Physical Therapy - Badr University

- Faculty of Physical Therapy - Modern Egypt university

Renewal accreditation in Supreme Council of Universities of:

- Pharous University - Faculty of Physical Therapy
- MUST University - Faculty of Physical Therapy

5-Faculty development

1. Constructing fifth floor in the Faculty building.
2. Developing continuous Education Programme for alumni.
3. Establishing nutrition unit
4. Establishing speech disorder unit, which is also distinct in the faculty.
5. Development of Educational Outpatient Clinic in the faculty.
6. Activation of student laboratories.
7. Research lab maintenance
8. Development of electronic library
9. Establishment of Alumni Unit
10. Establishment of Expatriates unit
11. Establishment of Crisis and Disaster Unit.
12. Establishment of scientific Research Ethical Committee.
13. Establishment of medical clinic in the faculty for emergencies.
14. Adopting a cooperation protocol between the faculty (physical therapy and continuous education services) and student hospital to offer healthcare services to university students with discounted prices
15. Encourage and support outstanding students in scientific research and setting up a special session in the scientific conferences of the faculty for presenting student research.
16. Three unique auditoriums were constructed and used for workshops seminars and scientific discussions. It was approved and financially supported previously.
17. Constructing a special elevator for teaching staff and renewal of the two others for support staff and students.
18. Setting up orientation session for new students at the beginning of each new study year.
19. Establishment of MIS system.
20. Activation of Exam correction system using OMR.
21. Maintenance, replacement and innovation and preparation of theatres and auditoriums
 - Renewal of the halls and auditoriums for teaching.
 - Changing cupboards and seats in administrative departments.
 - Data show placement in all halls and some study auditoriums.
 - Providing scientific departments with computers and photocopiers according to their needs.

Honoring and Appreciation

- 1-Appreciation of National Council for Human Rights for Outstanding efforts in caring for the disabled.
- 2- Appreciation of Wady ElNile Hospital for participating in 1st international Physical Therapy conference under the title of Challenges of Physical Therapy in Medical Care system.
- 3- Appreciation of Cairo University for supervision of the best master Thesis for the academic year 2012-2013 under the title of “The contribution of hip strategy in dynamic balance in ecurrent ankle spasm”.
- 4-Appreciation of Cairo University that the Faculty of physical Therapy publish its research in international journals that have had the effect of improving the International Classification of Cairo University for the academic year 2014.
- 5-Appreciation of effective efforts in development of efficiency of physical therapists in Health Insurance, Kafr Elsheikh, 2013.
- 6-Appreciation of effective efforts and participation in 10th Medical Conference, Physical Therapy Administration, 23 February 2015.
- 7- Appreciation for commitment and contribution in the success of the 16th International Scientific Conference under the title of “ No More Disability”, Cairo, Egypt, 5th-6th March, 2015.
- 7-Appreciation for significant contribution to the advancement of knowledge in the field of dentistry, 4th International Dental Congress, Intercontinental citystars, 7th -10th April, 2015.
- 8- Appreciation from Physical Therapy Syndicate, ElFayoom for presenting a workshop under the title of Back Management (Sabahi Technique & Manipulation)
- 9-Appreciation from the MTI University of technology & Information for participation in the activities of the First forum for the faculties of physical therapy.
- 10-Appreciation from Festival of disabled for a membership in the festival of Atta stars.
- 11-Appreciation from the Physical Therapy Administration, Egypt for the effective efforts and cooperation with the administration.
- 12- Appreciation from 8th regional Olympic in the Middle East and North Africa, 3-10 December, 2014.
- 13-Appreciation of good standing and leadership in the First Scientific Conference under the title of” New Era in Therapeutic Modalities, 20-21 April, 2016.
- 14-Appreciation of valuable contribution to the First Scientific Conference under the title of” New Era in Therapeutic Modalities, 20-21 April, 2016.

Any document will be provided upon request.