

HATEM ELSAYED Ahmed ELGOHARY

professor Of Orthopedicsurgery



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Date of Birth

11/2/1974

Nationality

Egyptian

LANGUAGES

Arabic

English

Memberships :

- Egyptian medical syndicates.
- Egyptian society of orthopedic surgeons.
- Egyptian pediatricorthopedic society (EGPOS).
- Egyptian association of arthroscopy(EGAA)

Experienced

EDUCATION

- MB. BCh (Very Good)
November 1997, Faculty of Medicine, Mansoura University, Egypt.
- Master Degree (M. Sc.) in orthopedic surgery
November 2002 Faculty of Medicine, Mansoura University, Egypt
Master degree theses: "Longterm follows up of arthroscopic and subtotal meniscectomy"2002
- Doctorate Degree (M. D.) in orthopedic surgery
November 2008 Faculty of Medicine, Mansoura University, Egypt.
Doctorate degree theses: "Grade III open fracture shaft of the tibia: Evaluation and management"2006

Clinical experience:

- Knee arthroscopy& sports injury
- Orthopedic trauma: Familiar with most of the recent systems of Internal and External fixation: External fixators, Interlocking nails Different types of plates (LCP-DCP,DCS,DHS, etc)
- Arthroplasty
- Pediatric orthop. Surgery

Employment record:

- March1998-February1999: Intern at Mansoura university hospitals.
- March1999-June2000: Military service
- June2000-June 2003: Residency at orthopedic department- Mansoura university hospitals-Mansoura - Egypt.
- July2003-August 2003: Demonstrator of orthopedic surgery-Mansoura university hospitals.
- August 2003-April 2009: Assistant lecturer at orthopedic department- Mansoura university hospitals-Mansoura- Egypt.
- April 2009-septembre 2015: lecturer at orthopedic surgery department - Mansoura university hospitals-Mansoura- Egypt.

Rewards :

- Reward of Kafrelsheikh University for international scientific publications 2017

- شهادة تقدير من نقابة الاطباء لاختيارى الطبيب المثالي لعام 2020م.

Fellowships :

- ISAKOS approved fellowship training program at sports injury Centre.VMMC&Safdarjang hospital, new-Delhi, 2018

- September 2015- April 2016: Assistant prof. at orthopedic surgery department - Mansoura university hospitals-Mansoura- Egypt.
- April 2016 till 30 September 2020: Assistant prof. at orthopedic surgery department – Kafrelsheikh university hospitals-Kafrelsheikh- Egypt.
- 30 September 2020: full professor of orthopedic surgery

Scientific Activities:

- 1-Intensive course 12th. Instructural foot and ankle course 13-14 march 2003, Cairo, Egypt.
- 2 - Egyptian and British Sosities1st. Trauma course, September-6-8, 2007, Cairo, Egypt.
- 3-3rd. Annual meeting of Egyptian group of pediatric orthopaedics, 19 June 2009, Alexandria, Egypt.
- 4-Egyptian and British 2nd. Trauma course, October 1-3, 2009, Cairo, Egypt.
- 5-Mansoura international foot and ankle course 17-20th. March, 2009, Mansoura, Egypt.
- 6-Hand surgery from basic to advanced clinical course 5-6 November, 2009, Cairo, Egypt
- 7-Mansoura one day course Perth's disease: 100 years after, October 29,2009 Mansoura, Egypt.
- 8-IFPOS paediatric orthopaedic course december14-16, 2009 Cairo, Egypt.
- 9-61st Annual international congress of the Egyptian orthopaedic association, December 14-17, 2009, Cairo, Egypt.
- 10-Mansoura 2nd international foot and ankle course 23-26th. March, 2010, Mansoura, Egypt.
- 11-BPL training course September 2010 at faculty of medicine Mansoura University.
- 12-62nd Annual international congress of the Egyptian orthopaedic association, December 6-9, 2010, Cairo, Egypt.
- 13-The use of laboratory animals in experimental medicine and research.21-23th December 2010 Alexandria -Egypt.
- 14-Mansoura international third foot and ankle course 23-25th March, 2011Mansoura, Egypt
- 15-Cerebral palsy course at 5-6 April 2011 –Basel –Switzerland.
- 16-Scoliosis course at 6 April 2011 –Basel-Switzerland
- 17-The the 30th EPOS meeting 6-9 April 20 11, Basel- Switzerland.

- 18-Combined Meeting Orthopedic surgery, vascular surgery,chest and radiology departments on :Venous thrombo-embolism. April 2011, Mansoura,Egypt.
- 19-63rd Annual international congress of the Egyptian orthopaedic association, December, 2011, Cairo,Egypt.
- 20-EGPOS meeting at Mansoura–Egypt March 2012.
- 22-Bone tumour course 17 April2012, Helsinki-Finland.
- 23- Arthogryposis Multiplex Congenital (AMC) course 17 April 2012, Helsinki-Finland.
- 23- EGPOS meeting at Alexandria–Egypt June 2012.
- 24- EGPOS meeting at Tanta –Egypt September 2012.
- 25-Mansoura forth international foot and ankle course 23-26th. March, 2012, Mansoura, Egypt.
- 26- EGPOS meeting at Alexandria–Egypt June 2013.
- 27-64th Annual international congress of the Egyptian orthopedic association, December, 2012, Cairo, Egypt.
- 28-Mansoura fifth international foot and ankle course 23-26th. March, 2013, Mansoura, Egypt.
- 29-65th Annual international congress of the Egyptian orthopedic association, December, 2013, Cairo, Egypt.
- 30-66th Annual international congress of the Egyptian orthopedic association, December, 2014, Cairo, Egypt.
- 31-Mansoura sixth international foot and ankle course 23-26th. March, 2014, Mansoura, Egypt.
- 32-Mansoura seventh international foot and ankle course 23-26th. March, 2015, Mansoura, Egypt.
- 33-67th Annual international congress of the Egyptian orthopedic association, December, 2015, Cairo, Egypt.
- 34- AO spine advanced symposium- cervical spine Cairo- Egypt 18-19, 12.2015
- 35-Mansoura eighth international foot and ankle course 23-26th. March, 2016, Mansoura, Egypt.
- 36- International conference of skeletal deformity correction, Cairo, Egypt, 25-27 may 2016
- 37- Mansoura international shoulder course, 3-4 November 2016.
- 38-68th Annual international congress of the Egyptian orthopedic association, December, 2016, Cairo, Egypt.
- 39-American academy of orthopedic surgeons AAOS CME program; Primary and revision total hip arthroplasty Cairo; 2016
- 40-Pain and CNS academy- Pain session. Dubai Feb. 2017
- 41-The Egyptian Arthroscopy association(EGAA) in collaboration with the European society of sports traumatology knee surgery and arthroscopy 5th international congress 21st -27th February 2017 Egypt.
- 42-Mansoura international foot and ankle course. March, 2017, Mansoura, Egypt.
- 43- The Egyptian Arthroscopy association (EGAA) instruction course lecture on multi ligament injured knee 16-17 November 2017
- 44-69th Annual international congress of the Egyptian orthopaedic association, December, 2017, Cairo, Egypt.

- 45- Arthroplasty meeting (Arthroplasty update) new-Delhi January 2018
- 46- The Annual conference of the Egyptian pelvis and hip society; young adult hip problems Cairo, Egypt 3rd-5th May 2018
- 47- 14thInternational congress of skeletal deformities correction, Cairo, Egypt, July 4th-6th, 2018.
- 48-The Egyptian Arthroscopy association (EGAA) shoulder instability – meniscus injury 18-19October 2018
- 49-70th Annual international congress of the Egyptian orthopaedic association, December, 2018, Cairo, Egypt.
- 50- The Egyptian Arthroscopy association (EGAA) 7th international congress 19th -21st February 2019 Egypt.
- 51-5th international Egyptian pelvis and hip society conference, April 24th-26th, 2019 Alexandria, Egypt.
- 52-15thInternational congress of skeletal deformities correction, Cairo, Egypt, July 3th-5th, 2019
- 53-71st Annual international congress of the Egyptian orthopedic association, 16th-19th December, 2019, Cairo, Egypt.
- 54-The Egyptian Arthroscopy association (EGAA) 8th international congress 25th -27th February 2020 Egypt.
- 55-“New Horizon in Laboratory Diagnosis” the first conference of clinical pathology department Kafrelsheikh faculty of medicine 24-2-2022
- 56- PulmokafrElsheikh the first conference of chest department Kafrelsheikh faculty of medicine 13-10-2022
- 57-Ophthalmology department Kafrelsheikh university in association with Ophthalmology department Tanta university in 2-2-2023
- 58-The first internship students, forum- faculty of nursing-Kafrelsheikh university titled: Using bioinformatics and advanced technology for nursing internship in line with Egypt vision 2030 on 4/2/2024

Publications:

- 1-Elgohary Hatem S.A., Mohammed Mf Sharaby, Dome osteotomy for correction of Tibial deformity in infantile blount's disease Mans.Med J.41;263-275,2011
- 2-Elgohary Hatem S.A., Okasha Amr E, Elshereif Mohammed AG; Methyle Prednisolone Local Injection In Carpal Tunnel Syndrome. Egyptian Orthopedic Journal 2012, 47:171–174.
- 3- Elgohary Hatem S.A., Selim Naser M Anchor suture fixation for displaced tibial spine fractures. Egyptian Orthopedic Journal 48; 2: 122-125. 2013
- 4-Elgohary Hatem S.A., Selim Naser M Locked plate fixation for proximal humerus fractures in elderly osteoporotic patients. Egyptian Orthopedic Journal. 48: 4: 344-348. 2013
- 5- Elgohary Hatem S A, Biological fixation of fracture shaft femur in children, *Eur J Orthop Surg Traumatol* 24:73-8. 2014

- 6- ElsayedMostafa A, [Elgohary Hatem S.A.](#) Complex femoral fractures: Management by interlocking nail and percutaneous cancellous screws Egyptian orthopedic Journal. 52: 1: 66-71.2017
- 7-Basiouny Yehia E, [Elgohary Hatem S.A.](#) Lateral approach for fracture shaft humerus: Approach for special situations Egyptian Orthopedic Journal: 51:2 : 180-185.2016
- 8- El-Adl Wael A, [Elgohary Hatem S A](#) , Elshennawy Maged M . Epiphyseal separation of the proximal humerus after birth trauma. Eur J Orthop Surg Traumatol 2014 Aug 12;24(6):863-7. Epub 2013 Dec 12.
- 9-[Elgohary Hatem S.A.](#), SELIM Naser M. Mini-open approach for stabilization of acute complete acromioclavicular dislocation. Egyptian Orthopedic Journal 49:4: 320-325.2014
- 10-[Elgohary Hatem S A](#) and Eladl Wael Antegrade rigid nailing through the tip of the greater trochanter for pediatric femoral shaft fractures, *Eur J Orthop Surg Traumatol* 24:1229-35. 2014
- 11-[Elgohary Hatem S.A.](#), Abulsaad Mazen. Traditional and accelerated Ponseti technique: a comparative study *Eur J Orthop Surg Traumatol* 25:949-53. 2015
- 12-Ali Ayman M, Bassam A Abolnas, [Elgohary Hatem S A](#) Dome osteotomy using the paratrigonal triceps sparing approach for cubitus varus deformity in children a surgical technique to avoid lateral condylar prominence *J Pediatr Orthop B* 2016 Jan;25(1):62-8
- 13-[Hatem S.A. Elgohary](#), Mhmod A Elghafar, Nabil A Elmoghazy. Outcomes and prognostic factors of surgical management of floating knee injuries Egyptian Orthopedic Journal: 53: 3: 210-218. 2018
- 14- *Mohamed F. Mostafa and Hatem S.A. Elgohary* Modified Metaizeau technique for displaced radial neck fracture in adults Egyptian Orthopedic Journal 52: 3: 242-249. 2017
- 15- [Elgohary Hatem S](#), Mhmod A Elghafar. Mini-open Repair for Acute Achilles Tendon Rupture Using the Ring Forceps Technique Egyptian Orthopedic Journal 53 : 4 : 285-291.2018
- 16-[Elgohary Hatem Elsayed Ahmed](#), Elmoghazy Nabil A., Abdellatif Mohammed Serry Combined flexor hallucis longus tendon transfer and gastrocnemius recession for reconstruction of gapped chronic achilles tendon ruptures Injury, Int. J. Care Injured 47 (2016) 2833–2837
- 17-[Hatem SA Elgohary](#) and Tamer A Mawla Minimally Invasive Plate Osteosynthesis (MIPO) for Treatment of Comminuted Mid-Distal Third Humeral Shaft Fractures through the Anterior Approach *J Orthop Surg Tech* 2017, 1(2):33-41 Volume 1 | Issue 2
- 18-[Elgohary Hatem SA](#) and Elghaffar Mhmod A. Intramedullary Nail for Tibio-talar Calcaneal Arthrodesis in Charcot Hindfoot and Its Implication on Quality of Life in Egyptian Patients. *Foot Ankle Stud.* 2018; 2(1): 1009.

- 19- Elmoghazy Nabil A., [ElgoharyHatemElsayed Ahmed](#) Congenital pseudoarthrosis of the tibia: role of the fibula (accepted for publication in the Egyptian orthopedic journal)
- 20- [ElgoharyHatem SA](#), Bassam A AbolnasPerths disease: prediction of outcome. (Accepted for publication in the Egyptian orthopedic journal)
- 21- [ElgoharyHatem SA](#), Bassam A Abolnas Can tension band wiring obviate the need for a hip spica after femoral valgus osteotomy for developmental coxavara(accepted for publication in the Egyptian orthopedic journal)
- 22-[ElgoharyHatem SA](#), Bassam A AbolnasCubitusvarus : Dome and modified step cut osteotomies:A comparative study(Accepted for publication in the official journal of the Egyptian orthopedic association)
- 23- Mohammed SerryAbdellatif ,[HatemeElsayed Ahmed Elgohary](#), Load Sharing Screw Fixation of Unstable Thoracolumbar Junctional Burst Fractures (accepted for publication in the Egyptian orthopedic journal)
- 24- Mhmood A. Elghaffar, [HatemeElsayed Ahmed Elgohary](#) Primary knee arthroplasty for Management of post-arthroscopic septic arthritis in active patients (accepted for publication in the Egyptian orthopedic journal)
- 25- [Hateme S. A. Elgohary](#).; Wail L Abdelnaby.andBassam A. Aboulnas, Tension band wiring versus contoured plating for developmental coxavara in young children (accepted for publication in the Egyptian orthopedic journal)
- 26- [Hateme SA Elgohary](#), Bassam A Aboelnas, and Mahmoodabdelghafar, Short term results of primary total knee arthroplasty with tibial stem extension in morbidly obese patients (accepted for publication in the Egyptian orthopedic journal)
- 27-[Hateme S. A. Elgohary](#), Wail L Abdelnaby.and Bassam A. Aboulnas, Functional outcomes of Open wedge high tibial osteotomy without bone graft for varusdeformities in heavy smokers (accepted for publication in the Egyptian orthopedic journal)
- 28- Ahmed Ramadan, [Hateme S. A. Elgohary](#), SaadShoulah, Adel Adawy; Arthroscopic treatment of chronic patellar tendinopathy (Jumpers knee).Benha medical journal 37(3), pp500-511, 2020
- 29-AbdurahmanZakaria,heshamelattar, [Hateme S. A. Elgohary](#),SamirZahed;changes in the patellar height following open wedge high tibial osteotomy. Benha medical journal 38, pp66-85,2021
- 30- Ghada Ali ,Sara A. M. ElSayed, Ola M. ElBorady, [Elgohary Hateme S. A.](#), Maram E. Khallaf Maged ElKemary, Nanoclay and nano-hydroxyapatite chitosan-based scaffold for bone regeneration: Morphological, spectral, structural, thermal, in vitro, and in vivo studies.(on line)MRS COMMUNICATIONS · VOLUME XX · ISSUE xx
·www.mrs.org/mrc accepted 27 June 2024.

Other activities:

- Share in the teaching of orthopedic surgery curriculum for Mansoura-Manshester program students.
- Share in the teaching of orthopedic surgery curriculum for Mansoura faculty of medicine 6th year students.
- Preparation of the year book 2010 of the orthopaedic department, Mansoura University.
- ISO coordinator of the orthopedic department at Mansoura faculty of Medicine. 2010-2015
- IT. Coordinator of the orthopedic department at Mansoura faculty of Medicine. 2010-2015
- Course coordinator for master and doctorate degree in orthopedic department in Mansoura University. 2012-2016
- Share in the teaching of orthopedic surgery curriculum for faculty of physiotherapy students in Kafrelsheikh University.
- Share in the foundation of the orthopedic department in Kafrelsheikh University.
- Manager of the outpatient clinics of the Kafrelsheikh university hospitals from 1-8-2017 till 31-7-2019
- Vice Manager of the of the Kafrelsheikh university hospital from 1-8-2019 till 12-7-2020.
- Executive director of Kafrelsheikh university hospitals from 13-7-2020 till 31/7/2024.
- Vice dean for education and student affairs faculty of medicine Kafrelsheikh university 1/8/2024 till now.

Memberships:

- Egyptian medical syndicates.
- Egyptian society of orthopaedic surgeons.
- Egyptian paediatric orthopaedic society (EGPOS).
- Egyptian association of arthroscopy(EGAA)

Thesis supervision:

- congenital scoliosis new trends in management, Master thesis, Faculty of medicine, Mansoura university 2013
- retrospective- prospective evaluation of Ponseti technique in management of congenital talipes equinovarus, Master thesis, Faculty of medicine, Mansoura university 2013
- management of congenital lower limb deficiencies, Master thesis, Faculty of medicine, Mansoura university 2014
- limb length discrepancy after total hip arthroplasty, Master thesis, Faculty of medicine, Mansoura university 2016

- surgical treatment of acute lisfranc fracture dislocation, Master thesis, Faculty of medicine, Mansoura university 2017
- Arthroscopic treatment of chronic patellar tendinopathy (Jumpers knee), Master thesis, Faculty of medicine, Benha university, 2019
- patellar height changes after Medial open wedge high tibial osteotomy, Master thesis , Faculty of medicine, Benha university, 2019
- Tibial slope changes after high tibial osteotomy, Master thesis, Faculty of medicine, Mansoura university 2019
- Effectiveness of physical motor program on the pain of the cervical region of the first and second degree. Master thesis, Faculty of physical education, kafrelsheikh university, 2021
- Development of methods for evaluation of knee joint functions after surgical intervention and rehabilitation guided by some international standards. abo keer faculty of physical education for boys, Alexandria university, PhD thesis, 2023
- Evaluation of Acetabular integrity and Orientation in patients with hip osteoarthritis Using Computerized Tomography Master thesis, Faculty of medicine, Kafrelsheikh university 2024
- The Results of Guided Growth versus Corrective Osteotomy in Treatment of Coronal Plane Deformity around the Knee in Skeletally Immature patient Master thesis, Faculty of medicine, Kafrelsheikh university 2024
- Midterm follow up of patients underwent anterior cruciate ligament reconstruction. Master thesis, Faculty of medicine, kafrelsheikh university 2024.
- Midterm assessment of clinical and radiological outcomes after laterjet procedure for management of recurrent anterior shoulder dislocation. Master thesis, Faculty of medicine, kafrelsheikh university 2024.
- Fabrication and characterization of scaffold based on biodegradable polymer nano-chitosan for tissue engineering and biomedical application. Master thesis, Nano institute, kafrelsheikh university 2024.

Thesis judgment:

- Profile of Bone tumors managed in oncology orthopedic unit, Mansoura University. MSC thesis, Faculty of medicine, Mansoura university 2017
- Role of prospective staphylococcus aureus screening/ decolonization in the reduction of major orthopedic surgical site infection. MSC thesis, Faculty of medicine, Mansoura university 2017

- Management of fracture separation of the upper radial epiphysis, Faculty of medicine, Benha university, 2019
- Arthroscopic treatment of chronic patellar tendinopathy (Jumpers knee) , Master thesis, Faculty of medicine, Benha university, 2019
- patellar height changes after Medial open wedge high tibial osteotomy, Master thesis , Faculty of medicine, Benha university, 2019
- Epidemiology of sacroiliac joint dysfunction after lumbar fusion. MSC thesis, Faculty of medicine, Mansoura university,2020.
- Therapeutic selective nerve root block in sciatica: early results, MSC thesis, Faculty of medicine, Mansoura university,2021.
- Results of primary internal fixation of distal tibial fractures through the anterolateral approach MSC thesis, Faculty of medicine, Mansoura university,March,2023.
- Development of methods for evaluation of knee joint functions after surgical intervention and rehabilitation guided by some international standards. abo keer faculty of physical education for boys, Alexandria university, PhD thesis, March, 2023
- In patient length of stay in femur fracture patients in emergency hospital Mansoura university MSC thesis, Faculty of medicine, Mansoura university, october 2023
- Radiological and clinical assessment of wrist joint in normal subjects. MSC thesis, Faculty of medicine, Mansoura university, August 2023
- Assessment of alpha angle after in situ pinning of slipped femoral capital epiphysis MSC thesis, Faculty of medicine, Mansoura university, January 2024
- Posterior intrafocal pin fixation for treatment of displaced pediatric supracondylar humeral fractures MSC thesis, Faculty of medicine, Mansoura university, February 2024
- Comparative study between flexible intramedullary nail (Nancy nail) and conservative treatment in management of tibialdiaphyseal fractures in children. MSC thesis, Faculty of medicine, Mansoura University, May 2024.

براءة اختراع:

preparation of chitosan- aliginatescaffolds incorporated nano vitamin D-nano hydroxy apatite

رقم الطلب

EG-P- 2023- 1041

رقم الاستلام 20230707000005

اللغة العربية

EGPO-SES Search and E-service System

EGPO Egyptian Patent Office

الرجوع للبريد

الطلب الخاص بي

طلب الخدمة الخاص بي

طلب جديد

تعديل

متابعة الخدمة

تلقم و معاينة

خدمات عامة

تعداد الخدمات المتكاملة

Arab Republic of Egypt
Ministry of Scientific Research
Academy of Scientific Research & Technology

EGPO
مكتب براءات الاختراع المصري
EGYPTIAN PATENT OFFICE

جمهورية مصر العربية
وزارة الدولة لشئون البحث العلمي
أكاديمية البحث العلمي والتكنولوجيا

مكتب براءات الاختراع

طلب براءة اختراع أو شهادة
Application for a Patent or Utility Certificate

Utility model اختراع منفعة Patent براءة اختراع

Application No. / رقم الطلب: EG/P/2023/1041

Int. application No (PCT) / الرقم الدولي (PCT):

filing Date / التاريخ التقديم: 08/07/2023

Int. filing Date(PCT) / التاريخ التقديم الدولي (PCT):

Time / الوقت: 08:03

(1) TITLE OF INVENTION

Preparation of Chitosan/alginate Scaffolds incorporated Nano Vitamin D/Nanohydroxyapatite

اسم الاختراع (1)

تعتبر سلائف الكيتوزان والألجينات المدعمة بنانو فيتامين د مع نانو هيدروكسي أباتيت

Arab Republic of Egypt
 Ministry of Scientific Research
 Academy of scientific Research &
 Technology
 PATENT OFFICE



(22)

(21)

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(45)

(11)

(51) Int. Cl.8

(71) 1 Ola Mohamed Abdelmonem Abdelrahman El borady

2 Maged Abdel Tawab Ahmed El-Kemary

3 Hatem El-Sayed Ahmed Abdel-Latif El-Gohary

4 Ghada Ali Muhammad Ali Al-Qanawati

5 Sarah Ali Mohamed Al-Sayed

(72) 1 Ola Mohamed Abdelmonem Abdelrahman Elborady

2 Maged Abdel Tawab Ahmed El-Kemary

3 Hatem El-Sayed Ahmed Abdel-Latif El-Gohary

4 Ghada Ali Muhammad Ali Al-Qanawati

5 Sara Ali Mohamed Al-Sayed

(73) 1

2

(74) 1

2

(30)

(12)

(54) Title

Preparation of Chitosan/alginate Scaffolds incorporated Nano Vitamin D/Nanohydroxyapatite

(57) Abstract

The patent request for a novel scaffold with a backbone base composed of Chitosan and alginate incorporated with nano vitamin D and Nanohydroxyapatite was first prepared individually. **In step one**, the HA nanoparticles were synthesized via the wet chemical process, and the formed nanoparticles possessed the rod shape. **Step two:** The synthesis of Nano Vitamin D using the emulsification method. This process includes the preparation of two phases; the oil phase (0.14 crude Vitamin D dissolved in 10 ml absolute ethanol followed by the addition of one ml tween 80 as an emulsifier and one ml of polyethylene glycol (mwt = 400) as a surfactant) and the water phase (100 ml of deionized water). The oil phase was added dropwise into the water phase, and the solution was mixed under the ultrasonicator for 15 min in an ice bath (pulse on, 20.0 s; pulse off, 10.0 s); the particles formed exhibited a spherical shape with a size around 20 nm. **Step three:** The formation of the nano scaffold. 0.5 gm of crude Chitosan was added to 50 ml of the Nano Vitamin D solution, followed by 0.5 ml of acetic acid solution, and 0.5 gm of sodium alginate. The mixture was left for mixing by stirring for one hour. After that, 0.25 gm of previously prepared Nanohydroxyapatite was added dropwise to the Vitamin D/chitosan/alginate solution and mixed very well by stirring. Finally, the mixture was freeze-dried in a lyophilizer to create a dried nanoscaffold.



دورات تنمية قدرات اعضاء هيئة التدريس:

- 1- نظم المعلومات وتقويم الطلاب فى الفترة من 25-2009/1/27
- 2- التخطيط الاستراتيجى فى الفترة من 15-2009/11/17
- 3- ادارة الفريق البحثى فى الفترة من 3-2010/10/5
- 4- تطبيق المعايير الاكاديمية للبرنامج التعليمى فى الفترة من 18-2012/3/20
- 5- الجوانب المالية والقانونية فى الاعمال الجامعية فى الفترة من 13-2012/5/15
- 6- الادارة الجامعية فى الفترة من 2-2013/6/3
- 7- تنظيم المؤتمرات العلمية فى الفترة من 15-2013/9/16
- 8- استخدام التكنولوجيا فى التدريس فى الفترة من 28-2019/8/29
- 9- ادارة الوقت والاجتماعات فى الفترة من 12-2019/5/13
- 10- التطوير المؤسسى فى الفترة من 27-2019/3/28
- 11- مهارات العرض الفعال فى الفترة من 25-2018/2/26
- 12- النشر العلمى الدولى فى الفترة من 20-2018/2/21
- 13- مشروعات البحوث التنافسية فى الفترة من 7-2017/5/8
- 14- البرنامج التدريبي الموحد للترشح لشغل وظيفة عميد كلية او معهد خلال الفترة من 27-2022/8/29

خبرات ادارية:

- مدير العيادات الخارجية بالمستشفى الجامعي اعتباراً من 2017/9/10م. بقرار اد رئيس الجامعة رقم 979
- مدير مستشفى الطلبة اعتباراً من تاريخ 2017/11/28م.
- مدير للعيادات الخارجية بالمستشفى الجامعي اعتباراً من 2017/12/20م.
- نائب مدير المستشفى الجامعي اعتباراً من 2019/8/1م. بقرار اد رئيس الجامعة رقم 1361
- مدير المستشفى الجامعي وقائم بعمل المدير التنفيذي للمستشفيات الجامعية. اعتباراً من 2020/7/13م. بقرار اد رئيس الجامعة رقم 703 بتاريخ 2020-7-13
- المدير التنفيذي للمستشفيات الجامعية لمدة ثلاث سنوات اعتباراً من 2021/3/23م حتى 2024/3/23م بالقرار الوزاري رقم 1072 بتاريخ 2021-3-23
- قائم بعمل المدير التنفيذي للمستشفيات الجامعية من 2020/7/13 حتى 2024/7/31م.
- وكيل كلية الطب لشئون التعليم والطلاب من 2024/8/1م. حتى الآن.

عضو المجالس واللجان الاتية:

- (1) عضو المجلس الاعلى للمستشفيات الجامعية.
- (2) عضو لجنة فحص ملفات المتقدمين لشغل وظيفة معيد بكلية الطب البشري بالقرار رقم 1801 بتاريخ 2020/11/22
- (3) عضو لجنة تجهيز مستشفى الأورام الجامعي من ٢٣/٨/٢٠٢١ و حتى الآن.
- (4) عضو لجنة تجهيز مستشفى الطوارئ الجامعي من ٢٣/٨/٢٠٢١ و حتى الآن.
- (5) عضو لجنة تجهيز مبني العيادات والتعليم الطبي من ٢٣/٨/٢٠٢١ و حتى الآن.
- (6) عضو للجنة التنفيذية العليا لتطعيم لقاح فيروس كورونا المستجد للسادة اعضاء هيئة التدريس والهيئة المعاونة والعاملين بالجامعة والطلاب برئاسة السيد اد / رئيس الجامعة بقرار السيد اد رئيس الجامعة رقم 1185 بتاريخ 2021/9/2
- (7) عضو لجنة متابعة التطورات المتعلقة بفيروس كورونا المستجد بقرار السيد اد رئيس الجامعة رقم 354 بتاريخ 2020-3-25
- (8) عضو لجنة تعديل لائحة الدراسات العليا بالكلية
- (9) عضو مجلس كلية الطب- جامعة كفر الشيخ.
- (10) عضو لجنة المنشآت والمختبرات بجامعة كفر الشيخ
- (11) عضو مجلس جراحة العظام بكلية الطب- والمشاركة في أعمال التدريس و الكنترولات و الجودة والتعليم الطبي بالقسم.
- (12) عضو لجنة إدارة الأزمات بكلية الطب ومستشفى كفر الشيخ الجامعي.
- (13) عضو مجلس شئون الدراسات العليا والبحوث بكلية الطب عام 2021.
- (14) عضو مجلس خدمة المجتمع وتنمية البيئة بجامعة كفر الشيخ.
- (15) عضو اللجنة المركزية للسلامة والصحة المهنية بالجامعة
- (16) عضو لجنة المختبرات والمعامل بجامعة كفر الشيخ.
- (17) عضو لجنة المنشآت بجامعة كفر الشيخ.
- (18) رئيس لجنة السلامة والصحة المهنية بمستشفى كفر الشيخ الجامعي.
- (19) لجنة متابعة تدريب أطباء الامتياز
- (20) لجنة استلام مستشفى الأورام
- (21) مجلس كلية الطب البشرى
- (22) المجلس الصحى بالتنسيقى للجامعة
- (23) مجلس إدارة معهد التمريض بجامعة كفر الشيخ

رئيساً

رئيساً

عضواً

أمين المجلس

عضواً

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|--------|--|
| عضواً | 24) لجنة وضع اللائحة المالية والادارية للمستشفيات الجامعية |
| عضواً | 25) لجنة شئون العاملين بالجامعة |
| عضواً | 26) مجلس إدارة الشئون الطبية بالجامعة |
| رئيساً | 27) لجنة المراضة والوفاة بالمستشفيات الجامعية |
| رئيساً | 28) لجنة مراجعة وتحديث بطاقات الوصف الخاصة بالمستشفى الجامعي |
| رئيساً | 29) لجنة الدواء بالمستشفيات الجامعية |
| رئيساً | 30) لجنة السلامة والصحة المهنية بالمستشفيات الجامعية |
| رئيساً | 31) اللجنة المركزية لجودة الخدمات بالمستشفيات الجامعية |
| رئيساً | 32) لجنة مكافحة العدوى بالمستشفيات الجامعية |
| رئيساً | 33) لجنة العلاج باجر بالمستشفيات الجامعية |
| رئيساً | 34) اللجنة الادارية والتنفيذية للمستشفى الجامعي |

مشاركات مجتمعية:

- المشاركة فى تجهيز جميع القوافل الطبية التى قامت بها الجامعة
- المشاركة فى حملة نبضات لعلاج عيوب القلب الخلقية بمستشفى جامعة كفر الشيخ فى الفترة من 17 الى 25 سبتمبر 2018

مهام علمية وادارية بالخارج:

- 1- مهمة علمية ببازل سويسرا لحضور مؤتمر جراحة عظام الاطفال فى الفترة من 5-9 ابريل 2011 وحضور ورشتي عمل عن دور جراحة العظام فى علاج الشلل الدماغى وعلاج الاعوجاج الجانبي للعمود الفقري لدى الاطفال.
- 2- مهمة علمية بهلسنكي فلندا لحضور مؤتمر جراحة عظام الاطفال فى الفترة من 17-21 ابريل 2012 وحضور ورشتي عمل عن اورام العظام و
- 3- مهمة علمية فى دبي فى فبراير 2017 لحضور ندوة علمية لعلاج الالم Pain and CNS academy
- 4- مهمة علمية فى نيودلهى لزيارة مستشفى مناظير المفاصل واصابات الملاعب بسافدرجانك نيودلهى 2018 يناير

ISAKOS approved fellowship training program at sports injury Centre.VMMC&Safdarjang hospital, new-Delhi, 2018

Arthroplasty meeting (Arthroplasty update) new-Delhi January 2018

- 5- مهمة ادارية ببرلين لزيارة مصنع فيسمان للغلايات
- 6- مهمة ادارية لزيارة مصنع جونيصر لمولدات الكهرباء ادارية بيروت .