Employee of the Month

Under the Patronage of H.E. Minister of Health

“The 1st Genomics Medicine and Research Symposium” Kicks off at KFMC

Volunteering

In all aspects of life, every individual, group or organization needs those who help and assist them achieve their goals and make their successes, whether the help was provided in return of a financial reward or through adopting another principle, i.e. volunteering.

Volunteerism is defined as the provision of assistance, help and effort in order to achieve what is good for society in general and for its members in particular, and it is also called voluntary work since man willingly and voluntarily gives a helping hand without being forced by others to do so.

Although voluntary work is purely based on humanitarian and social aspects without any financial return, however, it brings significant benefits for the volunteer, as it is a good choice for many important experiences that have positive results for the volunteer himself, as well as the organization he works for. In addition, a volunteer can gain new skills or develop the ones actually acquired by him.

Voluntary work contributes to maintaining the stability and development of the local community through utilizing the energies of youth and investing them in the best and most efficient ways. It also helps to reduce inappropriate behaviors, enhance self-satisfaction, increase the enthusiasm and activity of volunteers, mitigates the spread of hostility among individuals in society, contributes to refine the personality of volunteers, and works strongly in enhancing the concept of giving in society.

Utilizing Additive Manufacturing Technology "3D Printing" "KFMC" Develops Technique to Cut Oral and maxillofacial

Oral and maxillofacial surgeons at Dentistry Administration, King Fahad Medical City (KFMC), developed a qualitative technique that helps in cutting facial bones during orthodontic surgeries with high accuracy.

This technique, as mentioned by Dr. Abdulsalam Al-Jabab, Director of Dentistry Administration and head of medical team, is based on scanning facial bones and developing the surgical devices that identical to the patient’s scan then printing them using 3D printers followed by surgical planning on patient’s model. After that, a surgery guide is developed and printed to help and facilitate the surgeon to cut the bones more accurately than traditional methods.

“This technique helps to facilitate the operations of congenital malformation patients in occlusion, cleft lip patients, and jaws deviation” Dr. Al Jabab mentioned. He pointed out that it gives more accuracy during the osteotomy and jaws fixation process as it helps to reduce the time required to perform such operations and speed them up.

The head of medical team pointed out that this technique is fully designed and printed by national staff in KFMC, assuring the active pursuit to establish an advanced central unit for surgical planning, 3D printing and using its applications to serve the patients.

The surgical team included Dr. Faleh Al-Shahrani, Acting Consultant of Oral and Maxillofacial Surgery and Surgical Engineer Mr. Mouth Abuaysha.

Minister of Health Presents Volunteer Award to KFMC

H.E Minister of Health, Dr. Tawfiq Al-Rabiah, handed over “My Volunteer Health 2” Award to KFMC. It was received by KFMC Chief Executive Officer, Dr. Fahed Al-Ghofaili, for participating in the “International Volunteer Day 2018".

Editorial Team

Assistant to the Minister

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Inside KFMC
Disaster Response Drill

KFMC conducted a disaster response drill with seven (7) ambulances. A number of cases were transferred from one of KFMC buildings in Ar Rafiah District to the Emergency Building at KFMC. All necessary safety measurements were carried out.

Caffeine is a trigger for irritable bowel syndrome.
After Dr. Sufana Almashhadi's life experiences, mainly being a wife and mother of three kids, she re-formulated the concept of Self, Family, and Profession Investment in our lives. Most important of which are reading and meditation, which she consider the core of all creativity. She made them recently an integral part of her day to improve herself and develop the characteristics of her children as a long-term investment. Furthermore, she does not turn a blind eye to feed her mind with constructive dialogues with people closed to her. This helped her to expand professional perceptions and have the capability of influence and leadership.

First Success

Dr. Sufana joined the Faculty of Applied Medical Sciences at King Saud University and had her Bachelor degree in Clinical Laboratory Sciences in 2005. She began her first steps in her professional life by joining King Fahad Medical City (KFMC) family and working in main laboratory as a Medical Technologist.

Self-Making Journey

After she succeeded in KFMC medical labs and by virtue of her learning and development ability, she was enrolled in 2009 Scholarship Program to invest in her potentials. She packed up and left all details of her life to the University of Sheffield in Britain. This constituted as a significant step in her journey, where she obtained her MSc in Molecular Neuroscience. Afterward, she studied PhD in Neuroscience, Geriatrics and Alzheimer’s Diseases and obtained her PhD in 2014. She did not stop there, but she proceeded her journey by being a Postdoctoral Research Fellow in Neuro-Stem Cells and Innovative Research Methods to treat Alzheimer’s Disease at the University’s Neuroscience Center from 2014 to middle 2016. Her strenuous efforts and excellent performance was noticed by the University of Sheffield where she was recruited at the Center of Neuroscience Research within the specialized team to continue research on Geriatrics and Alzheimer’s diseases. Through developing a large field study in Britain, including 450 seniors older than seventy years, Dr. Almashhadi made her contributions to the Center by what she considered as her most significant scientific research achievements. This aimed to study the seniors’ mental abilities, functions of memory and focus during their lives, in addition to biological study of the brain removed from the deceased participants. With respect to their consent to be enrolled in this type of study and to participate in the program of denoting the nervous system in case of death. This study was developed to examine the possibility of treating Alzheimer’s disease in an early stage, or even an attempt to avoid it in order to protect the people more susceptible to such disease. This research was documented in several scientific articles and obtained international awards and academic honors from H.E Ambassador of Kingdom of Saudi Arabia to Britain Prince Mohammed bin Nawwaf bin Abdulaziz.

After this journey, Dr. Sufana was nominated by KFMC for the Program Competition sponsored by Saudi Aramco and MIT in order to strengthen KSA/USA relationship to obtain MIT fellowship in leadership, innovation and technology convention to models that conform innovative marketing specifications. She was told that she passed the competition. This was a culmination of her hard and continuous work during those years and created new horizons for leadership in technology and innovation. As usual, Dr. Sufana did not stop there; she seized the opportunity of living in USA to complete her fellowship by joining a specialized learning program at Harvard Business School. In this program, she learned from leading international professors such as Michael Porter, Clayton Christensen and Steve Kaufmann. She studied foundations of innovation theories and foundations of successful and effective strategies in the medical field and in the world of entrepreneurship, heavily supported by the Case Study Method.

Retaining Home

After her successful scientific journey, she returned home and was appointed as the Senior Clinical Research Scientist at the National Neurosciences Institute, KFMC, from 2016 until middle of 2017. In 2019, she was appointed as a Director of Innovation Center, while still being a research affiliate in the leading MIT.

Passion & Challenges

The most interesting issue for Dr. Sufana in her KFMC work experience is the Senior Leadership’s confidence in employees’ abilities and investment in their development at the academic and professional level. She never stops to be proud of KFMC and her affiliation to it.

The most difficult challenges that KFMC is facing, in her point of view, are global common challenges in health field to develop patient’s service and raise quality while cutting the increasing cost to render health services. This is everyone’s role in our beloved country to positively contribute to achieve health transformation, which aims to enable everyone to take an active role in living a quality life and avoiding the occurrence and progression of diseases, if Allah wills.

Vision & Aspirations

During her stay in Boston and while she was working in MIT at postdoctoral phase, Dr. Sufana witnessed rapid change in technology, robots, and artificial intelligence that currently invades its human counterpart. We, as human beings, face a constant challenge to our skills and adaptability under the significant acceleration of labor market requirements. However, I realized that not only the specialized scientific experience will guide us in this global and economic accelerated change, but our willingness to learn and share knowledge with the maximum impact on society and ability to integrate new ideas and concepts in a way that conforms to our current skills. This is the secret that Dr. Sufana learned from MIT, so that we could remain at the forefront of pioneers in science and leading the innovation in our beloved country and the entire world.

She also believes that KFMC is a well-known international and regional edifice, and its leaders constitute the best model for health development and medical services in the Middle East. She hopes that KFMC would continue to render distinguished services to citizens and to be an international model for implementing the mechanism of health transformation in Arab and international societies.

Final Word

“Everything great that happened to mankind began as an idea in the mind of a person.”

Fatty foods and soft drinks result in myocardial failure.
Calories are determined based on: weight, height, age, gender and physical activity.
First: To transfer Patient Rights and Relations Administration to the Higher Executive Administration to be linked to H.E. Chief Executive Officer.

Second: To transfer Innovation Center Administration to be linked to H.E. Chief Executive Officer.

First: To change the name of the Executive Administration of Patient Experience to the Executive Administration of Clinical Care Excellence.

Second: To transfer Corporate Planning & Development Administration to the Executive Administration of Clinical Care Excellence.

First: To transfer Information Security Administration under the Executive Administration of Information Technology to the Higher Executive Administration to be linked to H.E. Chief Executive Officer.

Second: To change the name of Information Security Administration to Cybersecurity Administration.

To transfer Clinical Auditing Department from Compliance and Follow-up Administration to the Executive Administration of Clinical Care Excellence.
لا يوجد نص يمكن قراءته بشكل طبيعي من الصورة المقدمة.
تحت رعاية وزير الصحة
"مؤتمر الجينوم الأول
ينطلق في فهد الطبية"

أكره سعادة المصير العالى للجمع الطبي الثاني في منطقة فهد الطبية، الدكتور محمد بن السيد بن عبد الله بن الحسين بن عبد الله بن عبد الله، وساهم فهد الطبية في تطوير العلوم والرفيق، يتحسين الرفاهية الصحية للطبركية بجامعة دانيل للطب، حيث أوضح أن المركز الطبي الأول في مدينة فهد الطبية سيمتار إلى أن هذا المؤتمر هو أداة من المواقف التي تجعل جهودًا في المجال الطبي من خلال التعاون التكنولوجي والطبي، ويشير إلى أن هذا المؤتمر هو واحد من أحدث النماذج في مجال تقدم علوم الجينوم.

للمعجم الطبي، الدكتور محمد بن عبد الله بن عبد الله، وساهم في تطوير العلوم والرفيق، يحسن الرفاهية الصحية للطبركية بجامعة دانيل للطب، حيث أوضح أن المركز الطبي الأول في مدينة فهد الطبية سيمتار إلى أن هذا المؤتمر هو أداة من المواقف التي تجعل جهودًا في المجال الطبي من خلال التعاون التكنولوجي والطبي، ويشير إلى أن هذا المؤتمر هو واحد من أحدث النماذج في مجال تقدم علوم الجينوم.

تجربة فرضية للإسعافات الأولية
أكره منحة الملك فهد الطبية تجربة فرضية لتقديم الإسعافات الأولية من خلال 7 سيارات إسعافية أعد من الحالات انتقلت من أخذ مباني بين الريفيه إلى مبنى الطوارئ في مفرق مدينة الطبية، وتنفيذ كافة إجراءات السلامة اللازمة.

يعتبر الكافيين من محجوزات المولون العصي.
فهد الطبية: تبتكر تقنية لقص عظام الوجه والفكين

ابتكرت فهد الطبية، في إدارة طب الأسنان بمدينة الملك فهد الطبية، تقنية فنية توعية تساعد في قص عظام الفكين أثناء عمليات الجراحة التجميليةبدقة عالية.

تتم هذه التقنية بحسب ما أذكىه د. عبد السلام الجباب مدير إدارة طب الأسنان، من خلال استخدام كنائس متخصصة لتطبيق التقنية.

وقد استناد إليها مستشفى الأمراض والجراحة، وتم فيها استخدام تقنية قص عظام الفكين أثناء عمليات الجراحة التجميلية بدقة عالية.

وقد أشار رئيس الفريق الطبي أن هذه التقنية تم عملها بالكامل وتمسكها وكيفية استخدامها في مدينة الملك فهد الطبية مؤكداً السعي الحثيث إلى إنشاء وحدة مركزية متخصصة للتحكم في تقنيات الجراحة، والتحقق من الأداء واستخدامها بشكلها الحدود.

ويستند الدكتور الجباب إلى أن هذه التقنية تتم في تحسين عمليات الفرقة، وتقدم فعاليةً باعتبارها أدواتاً حديثةً تساعد في تحسين الجوانب الأخرى في الجراحة التجميلية.

وقد تم الاعتماد على تقنيات تطبيق الجراحة التجميلية بدقة عالية، وتم استخدام الأدوات الحديثة لتيسير عملية قص عظام الفكين، وتم استخدام الفن التصويري لتقسيم الفكين، وتم استخدام الفحص الدقيق في الجراحة التجميلية.

وقد تم استخدام تقنيات تطبيق الجراحة التجميلية بدقة عالية، وتم استخدام الأدوات الحديثة لتيسير عملية قص عظام الفكين، وتم استخدام الفن التصويري لتقسيم الفكين، وتم استخدام الفحص الدقيق في الجراحة التجميلية.

وزير الصحة يمنح جائزة التطوع لفهد الطبية

سلم سامي، وزير الصحة، الدكتور توفيق الطريقة رابحة جائزة "تطوعي صحة 2" للدينة الملك فهد الطبية. السماح بmeld ويباءة التداركي للمدينة الطبية الدكتور فهد الطبي، وذلك لمشاركتها الفعالية في اليوم العالمي للتغطية.A.11.