

Mowasat's Ophthalmology Center the future of eye care is already here.

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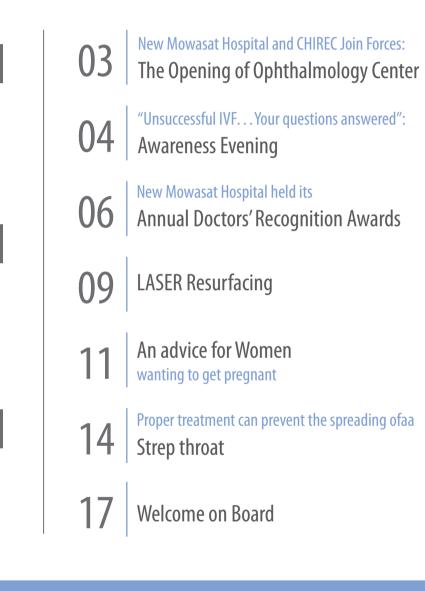




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New Mowasat Hospital affiliates with the **O1** Largest Eye Care Center in Belgium, Europe

20rd of September, 2012 – In a press conference, New Mowasat hospital has announced its affiliation agreement with the largest medical center in Belgium, Chirec (The Centre Hospitalier Interrégional Edith Cavell), aspiring to provide excellent comprehensive ophthalmic services in Kuwait. This mutually beneficial relationship will closely align New Mowasat and Chirec with an aim to develop and enhance the level of ophthalmic services provided to Mowasat's patients.



The affiliation announcement came in the form of signing an official contract between the two healthcare facilities in the launching event which was hosted in New Mowasat's Medical Plaza with the attendance of His Excellency, Mr. Damien Angelet – Ambassador of Belgium to Kuwait, all in-house physicians, members of the senior management, and representatives from Chirec organization to witness the prestigious event.

On this occasion, Mr. Nadeem Nazir, COO of Mowasat Healthcare Co. KSCC said "New Mowasat has been caring for its patients for decades; generation after generation. Thus, we believe this collaboration promises to greatly enhance the ophthalmic programs currently offered in the hospital and will strengthen the depth of our services to provide our patients with the level of care and quality they deserve."

Moreover, Mr. Nadeem Nazir emphasized his positive visualization of the future outcome of this affiliation saying that "This event marks a milestone in New Mowasat history, whereby we gain access to international standards of quality, techniques and technology."

Dr. Jacques Detoeuf- CEO of Chirec Brussels; declared his pleasure for the affiliation agreement with New Mowasat Hospital as one of the leading hospitals in Kuwait. Whereas Dr. Ernesto Bali, Cataract and Vitreo Retinal Surgeon at Chirec emphasized that New Mowasat "is equipped with the most reliable and advanced equipment available in the market today and that will give us the opportunity to enhance our performance here even more".

His Excellency, Mr. Damien Angelet, Ambassador of Belgium to Kuwait; also declared his great pride in seeing such a large health institution collaboration, believing that this will result in better medical services offered in both New Mowasat and Chirec.

Within the affiliation program, knowledge and expertise will be exchanged through regular visits from Chirec's ophthalmologists: Dr. E. Bali, Dr. J.C. Vryghem, Dr. J. Sellier, and Dr. P. Levebvre to work closely with New Mowasat ophthalmologists, Dr. Mohamed Abd El Naby, Dr. Mohamed Al Deeb and Dr. Ghazi Al Hamdan from New Mowasat Hospital.



About New Mowasat

The New Mowasat Hospital was established in 1965 as one of the leading healthcare providers in Kuwait. The hospital is an accredited healthcare facility by the Accreditation Canada International (ACI) and the Joint Commission International (JCI). With forty seven years of leadership, the New Mowasat Hospital continues to expand and improve on its range of services to better serve the local and resident citizens alike.

About Chirec

The Centre Hospitalier Interrégional Edith Cavell, or CHIREC, was established in 1936 in Belgium. It consists of four hospital sites and a medical centre, offering treatment in almost every medical and surgical discipline. Due to willingness to constantly aim for high performance, CHIREC has been awarded a number of quality labels.



02 New Mowasat Hospital hosts its first International Ophthalmology Symposium

November 25th marked New Mowasat Hospital's successful hosting for its 1st Ophthalmology Symposium in the Saloon ballroom in Kuwait's Hotel Missoni.

In his opening speech, Dr. Eduard Lotz, New Mowasat's Deputy Hospital Director, emphasized the hospital's pioneer role in organizing & hosting significant international medical conferences.







"The international Ophthalmology Symposium organized by New Mowasat Hospital provides a forum through which the Kuwait Ophthalmology community can learn about the latest technological advances, exchange knowledge, experiences and techniques in this field".

He explained New Mowasat's essential role in raising the quality of services, noting that since its founding almost 50 years ago, Mowasat has continuously taken initiative in promoting Quality in healthcare, as evidenced by its accreditation from the Accreditation Canada International (ACI) & the Joint Commission International (JCI). The International Ophthalmology Symposium is yet another example of New Mowasat's commitment to being a leader in Kuwait's healthcare sector, stated Dr. Lotz.

Concluding his speech, Dr. Eduard thanked the Symposium directors and organizing committee for their consistent dedication to ensuring the success of this event, and wished everyone a rewarding experience throughout the symposium. In addition, Dr. Ernesto Bali, Cataract and Vitreoretinal Surgeon and head of Ophthalmology Department in CHIREC Belgium – one of the largest medical centers in Europe with which New Mowasat is now affiliated – directed the symposium. A wide range of prominent ophthalmologists and optometrists with different backgrounds from Belgium were provided an opportunity to meet and expand their views, experiences, talents, and achievements within their diverse medical communities.

Dr. Bali collaborated with Dr. Mohamed Abd Al Naby, Dr. Ghazi Al Hamdan and Dr. Mohamed Wagih El-Deeb Consultant Ophthalmologists in New Mowasat Hospital to guarantee that the Symposium broadened the perspectives of the medical community by building on the experiences, talents and accomplishments of physicians in the Ophthalmology specialty.











New Mowasat Hospital and CHIREC Join Forces: **O3 The Opening of Ophthalmology** Center of Excellence

19th December 2012 - Following its affiliation with CHIREC in September 2012, New Mowasat Hospital launched an event to mark the official opening of its ophthalmology center with its Belgium partner. CHIREC (The Centre Hospitalier Interrégional Edith Cavell) is the largest medical center in Belgium and one of the most reputable institutions for eye care services.

The opening which was hosted in New Mowasat's ophthalmology center, was attended by His Excellency Mr. Didier Reynders - Deputy Prime Minister and Minister of Foreign Affairs



of the Kingdom of Belgium and his Excellency Mr. Damien Angelet – Ambassador of the Kingdom of Belgium to Kuwait, her Excellency Ms. Nabila al Mulla ambassador of Kuwait to the kingdom of Belgium and Mr. Salah M. Al Wazzan Chairman & Managing Director of Al-Mowasat Holding Company. Moreover, the event was attended by members of Mowasat Senior Management, in-house physicians and representatives from CHIREC who celebrated the momentous occasion.

In the press conference, New Mowasat hospital announced that its Ophthalmology Center of Excellence is fully equipped with the latest technology in the field, such as the iFS Femtosecond and the Schwind Amaris 750S. Its state-of-the-art facilities and highly-qualified doctors from Kuwait and Belgium place New Mowasat Hospital in a leading position to provide the most comprehensive and advanced eye care services.

Mr. Salah M. Al Wazzan, Chairman and Managing director of Al-Mowasat Holding company expressed his gratitude to his Excellency Mr. Didier Reynders and the Belgium delegation, wishing great success to the affilation between CHIREC and New Mowasat Hospital.

His Excellency, Mr. Didier Reynders also declared his great pride in seeing such large healthcare institutions collaborating, which will surely result in better medical services offered in New Mowasat Hospital.

On this occasion, Mr. Nadeem Nazir, hospital director stated; "This center; which is an affiliation project with CHIREC Hospital Belgium, will bring together highly qualified doctors from Kuwait and Belgium in a state-of-the-art facility; allowing patients and public, local access to international, comprehensive and advanced eye care services."

Moreover, Mr. Nadeem Nazir emphasized the positive outcome of this strategic partnership saying, "This affiliation will make available the most advanced international practice in the field of ophthalmology".

In his opening speech, Dr. Eduard Lotz, New Mowasat's Deputy Hospital Director, noted: "New Mowasat's essential role is caring for patients, noting that since its founding almost 50 years ago, Mowasat has continuously taken initiative in promoting Quality, as evidenced by its accreditation from the Accreditation Canada International (ACI) & the Joint Commission International (JCI). He added "This event marks a milestone for New Mowasat, whereby international quality, techniques and technology are now accessible."



Dr. Jacques Detoeuf, CEO of CHIREC Brussels, noted his pleasure of CHIREC's affiliation with New Mowasat Hospital, one of the leading hospitals in Kuwait. Whereas Dr. Ernesto Bali, Cataract and Vitreo Retinal Surgeon at CHIREC, emphasized "New Mowasat is fully equipped with the most reliable and advanced machines available today in the international market and that will give us the opportunity to enhance our performance here even more."

Dr. Bali and his team will collaborate with Dr. Mohamed Abd Al Naby, Dr. Ghazi Al Hamdan and Dr. Mohamed Wagih El-Deeb, Consultant Ophthalmologists in New Mowasat Hospital, to guarantee that all procedures will be performed at the highest international standards to ensure only the best care is provided to New Mowasat's patients.

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New Mowasat Hospital took initiative to examine

04 The eyes of students of Gulf English School

> Good vision is vital for physical and educational development in children. An eye exam is one of the best ways to protect children's vision because it can detect eye problems at their earliest stage, when they're most treatable. The most common children's eye conditions are weak eye, lazy eye, squirt, double and blurred vision.

New Mowasat Hospital, being a socially-responsible organization, has offered its expertise in eye care services to the benefit of Gulf English School students. A

team of optometrist and senior nurses have conducted a preliminary eye test on over 200 students between 6 and 8 years of age at the school.

Each test took about three minutes per student. Parents of students who were found to have potential eye issues were informed and referred for further testing.

"Unsuccessful IVF...Your questions answered": **O5** Awareness Evening at New Mowasat Hospital

December 8, 2012 – New Mowasat Hospital's commitment to improving health awareness in the Community was confirmed once again as people gathered in the Hospital's Auditorium to learn about In Vitro Fertilization, a major treatment option for infertility.

Dr. Nahed Hammadieh MD, FRCOG, MD, HEA, Consultant Gynecologist, Sub-Specialist in Reproductive Medicine, and Clinical Director of the IVF and Reproductive Medicine and Surgery Center in New Mowasat, presented the lecture which mainly focused on identifying the causes of infertility



and the latest treatment achieved in the field. Dr. Hammadieh discussed Reproductive Immunology, explaining its diagnosis and treatment options, and addressed the possible causes of failed IVF treatment.

"One of the main causes of unsuccessful repeated IVF is the lack of proper studying or evaluation of the case," said Dr. Hammadieh, elaborating on the preferable time a couple should start seeking IVF. He also added that "the immune infertility confronted by the repeated failure in this treatment - which is increasing in the country- occurs due to the medical staff's lack of knowledge which leads them to study the case improperly in the first place."

Concluding his informative lecture, Dr Hammadieh emphasized that New Mowasat's IVF and Reproductive Medicine and Surgery Center treats infertility from a "sophisticated perspective in collaboration with the Center for IVF at the University of Birmingham". The Center also provides Pre-Implantation Genetic Diagnosis (PGD) in collaboration with the genetic laboratory of Istanbul in Turkey. Dr. Hammadieh also stated that the Center also specializes in laparoscopic surgery, particularly the withdrawal of miniature fibers from the uterus by a small telescope without the need for surgical intervention. In addition, New Mowasat's IVF Center "exclusively performs operations to open blocked tubes radiation without surgery which increases chances to a more successful pregnancy with a percentage up to 35% after the tube is unblocked, concluded Dr. Hammadieh.

Following his lecture, attendees got the chance to have all their questions about IVF answered by Dr. Hammadieh, while enjoying the food and refreshments provided by New Mowasat Hospital.

New Mowasat Hospital held its

06 Annual Doctors' Recognition Awards

Function 2012 at Al Dana Ballroom in the Holiday Inn Hotel in Salmiya.



About a hundred guests joined the New Mowasat's top medical categories. Attending the event were Mowasat Hospital Director Dr. Eduard Lotz, Mowasat Medical Director,

In his welcoming speech, Dr. Eduard Lotz, New Mowasat's Deputy Hospital Director stated that physicians are an important pillar in the delivery of high-quality patient care and that he is delighted to see these distinguished doctors recognized for the wonderful work they do everyday.

Dr. Samer Abdullah, Chairman of Medical Advisory Committee, then gave his speech in which he expressed his great pride in being a part of this important occasion. "As Chairman of MAC, my colleagues and I came up with the idea that it was essential to thank our hard-working doctors. Thanks to the support of our Management, our idea has materialized for the second consecutive year" Dr. Samer explained.

Dr. Samer Abdullah presented the awards, certificates and trophies to the distinguished doctors honoring them for "working hard and endlessly giving their best, for working late at nights and coming early in the mornings, explained Dr. Samer.

The first of the five awards was for "Hospital Loyalty" which was given to Dr. Osman Sonji who has worked in New Mowasat Hospital for over 13 years as an Anesthesiologist.

Physicians are an important pillar in the delivery of highquality patient care.

Dr. Eduard Lotz

Dr. Ali Al Mukaimi, was awarded for "Outstanding Contribution to Best Practice", as he is regarded by his colleagues as a pioneer in sport and knee surgery.

The "Outstanding Contribution to Best Performance" award was given to Dr. Habib Steitieh, Specialist Diabetologist and Dr. Verginia Marin Semen, Consultant OB/GYN for their distinguished performance and contribution to their Department's success.

Dr. Tarek Darwish, Consultant Radiologist received the "CME" award for his effort to organize hospitalwide Continued Medical Education and Academic Achievements.

Last but not least, "Outstanding Contribution to Performance as Registrar" award was given in memory of Dr. Ayman Mustafa, Registrar in the Anesthesia Department.

The ceremony concluded with group photos and a wonderful dinner enjoyed by all the attendees.





07 Caring for Generations Caring for Employees

New Mowasat Hospital launched its Employee Recognition Program in January 2013. As part of the hospital-wide program, a ceremony was recently arranged to honor and recognize almost 300 employees for their commitment, loyalty and dedication to the hospital.

Among the honorees were 150 who achieved a service anniversary of five to nine years in 2012. 85 honorees with 10-14 years of service; and 55 who have served 15 or more years at New Mowasat Hospital. To mark the momentous occasion, each employee was presented with a special award as recognition for five or more years of service.

Mr. Nadeem Nazir, Hospital Director stated in his opening speech:"The main element which is common to most successful organizations is the retention of its valuable employees, as is the case at New Mowasat Hospital where 40% of our employees have achieved at least five years of service."

Dr. Eduard Lotz, Deputy Hospital Director, announced at the ceremony: "Patients rely heavily upon the quality and dedication of well-trained, professional staff. We are privileged to honor this large number of employees for their outstanding service and commitment to our patients."

New Mowasat Hospital is committed to employees' health and welfare by providing the best working environment and continues to invest in its people to achieve this.

In addition to the Years of Service annual ceremony, the Employee Recognition Program includes the Employee of the Month award, presented to an employee who is nominated by peers for their exemplary work and contribution to New Mowasat Hospital; and the Leadership Honor Roll, which recognizes physicians and managerial staff for motivating and inspiring staff to achieve their goals and objectives, thereby creating an overall productive work experience.

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08 Making the difference Employee of the Month

In January 2013, New Mowasat Hospital launched its Employee Recognition Program, which was created to recognize staff who make noteworthy contributions to the organization. All staff can complete a nomination form for a colleague whom they feel exhibits dedication and continuously works hard to achieve goals within their department and organization as a whole. The Employee Recognition Committee, compromised of members from various departments, reviews the nominations on a monthly basis and votes on the Employee of the Month.

Here's are some of the wonderful remarks the nominators made about our January and February 2013 winners.

January 2013



Judith Espiritu

Receptionist, Customer Services Department

Ms. Judith is committed to her duties and supporting other departments by working extra hours when needed. She consistently carries out responsibilities with extraordinary commitment and meets emergencies effectively. Ms. Judith is always punctual and takes leave only when necessary. She consistently demonstrates an exceptionally high level of enthusiasm in her work, and loyalty to the organization and supervisors. Ms. Judith exhibits a very high level of interpersonal competence, leads in building trust and cooperation, and fostering a positive team spirit.

February 2013



Mr. Hariraj Natarajan Staff Nurse, Nursing Department

Ms. Judith is committed to her duties and supporting other departments by Mr. Hariraj shows great enthusiasm in developing his skills, and achieved the skill of Plaster Technician in record time. He happily assumes other responsibilities such as purchase management, nurse and stock keeper. Mr. Hariraj is always punctual, keen in helping the rest of the staff, while maintaining a generous smile. Patients praise him daily for his work. He is able to handle pressure even when there are five doctors sending patients his way. Mr. Hariraj always displays a great attitude and makes a great contribution to the Orthopedic Departments.

An Interview with OP Dr. Mersiha Avdic Specialist Periodontist - Harvard University

New Mowasat Hospital adopts the American Dental Implant Protocol using a team of specialized dentists; A General Dentist alone should not perform Dental Implants.

Dr. Mersiha Avdic, Periodontal Diseases Consultant at New Mowasat Hospital, described the astonishing, new developments now available for the treatment of gums and teeth, notably for implants. Dr. Avdic emphasized that the American Dental Implant Protocol states that implant surgeries must be performed by a group of three specialists - a periodontist, a prosthodontist, and a lab technician - a procedure that has been long adopted by New Mowasat.. "While in healthcare practices, the implant surgery is conducted by a single dentist, the gums and teeth are largely compromised since a single dentist, in no way, can be adequately knowledgeable of all the protocols guiding the proper handling of the post-implant problems or complications." Dr Avdic proclaimed.

Dr Avdic indicated that conducting an implant surgery by an integrated group of specialists is essential. While a periodontist anchors the dental post into the jawbone, a prosthodontist places the crown, and the lab technician creates a suitable crown. The combined knowledge of these specialists ensures the success of the implant procedure every time.

According to the Protocol, Dr. Avdic added that periodontists are the dentists who are most knowledgeable of the protocols on periodontal diseases, recovery and implants, and are qualified to diagnose and treat the gingival soft and hard tissues.

Speaking about the key implant procedures, Dr. Avdic recommended that the patient's gums be examined by a periodontist in order to evaluate how healthy the gum is and how solid the bone is. If a disease or infection is reported, the patient may go through a minor surgical procedure, microsurgical therapy, or a set of regenerative and reconstructive procedures of the gingival soft and hard tissues. Depending on the zone of the implant, some essential examinations like panorama radiography or CT scan may performed so that the volume of bone where the implant is going to be placed is assessed.

Dr. Avdic forewarned against the potential risks if the implant surgery is conducted by a single dentist or non-specialists who do not usually comply with the implant protocol guidelines. Such noncompliance will certainly cause postoperative complications such as sinus perforation, improper implant placement in inadequate soft and hard tissues, or placing the tooth in an infected gum. Adverse complications include peri implantitis, bleeding, pain and the potential loss of the implanted tooth eventually.



Periodontal Plastic Surgery Procedures

Speaking about the state-of-the-art techniques used in periodontal plastic surgery, Dr. Avdic indicated that patients who lost part of the periodontium (soft tissue) with a long tooth (teeth) and have unpleasantly-looking exposed roots, can now benefit from well-established set of microsurgical procedures aimed at rebuilding the periodontium (soft tissue) to restore the aesthetics of their gums . "This procedure is not only designed for aesthetic purposes, it also protects the root of the tooth and improves the prognosis of the tooth," Dr. Advic added.

Gummy Smile

While the gummy smile (short teeth with excessive gingival tissue appearing upon smiling) causes many people to be truly perplexed and even reluctant to smile, Dr. Avdic revealed comforting news that this issue can effectively be managed by virtue of a simple surgical procedure in which a minimal amount of the gum tissue is removed. The surgery is administered in less than one hour at New Mowasat Hospital. A patient with any gingival disease must be properly treated prior to any surgical procedure.

Periodontists are the dentists who are most knowledgeable of the protocols on periodontal diseases.

Dr. Mersiha Avdic Specialist Periodontist Harvard University

You may have Good Looking Teeth; Yet

Dr. Avdic forewarned that many people apparently do not realize that they have gingival diseases. "Although you may have apparently good-looking, problem-free teeth, you still may have gingivitis or periodontitis. If you do not have your teeth diagnosed and treated properly and in a timely fashion, the inflammation may worsen until it touches the jawbones, causing tooth mobility and subsequent tooth loss.

Successful Treatment of Gingival Diseases

Dr. Avdic encourages everyone to visit the dentist every 3-4 months for dental scaling and polishing in order to get rid of plaque build-up and harmful bacteria, which can lead to tooth decay. Dr. Avdic is astonished of the high prevalence of gingival diseases in the Kuwaiti population and attributed the phenomenon to the fact that most dentists mistakenly believe that the gum infection is the mere bacterial inflammation of the gum tissues that is called "Gingivitis." There is a misconception that this can be easily treated by scaling and polishing at 3-4 month intervals; although the gingival diseases have different factors, types and separate treatment techniques. Such treatments, Dr. Avdic added, have proven to be widely successful in the USA over the past thirty years and have been recently adopted and applied in the New Mowasat Hospital. Dr. Avdic concluded by encouraging everybody to have his/ her gingival diseases properly diagnosed and treated in a timely manner as to avoid tooth loss and risk factors associated with many systemic diseases.

10 LASER Resurfacing

What is a laser resurfacing?

Laser resurfacing is one of the leading cosmetic procedures performed around the world. The procedure utilizes a special kind of laser to improve the overall look of your skin.

Who should consider laser resurfacing?

Any patient looking for a moderate to dramatic visible improvement in their skin's appearance should consider laser resurfacing. Patients who have acne scars or deep wrinkles have found laser resurfacing to be the best treatment for these types of conditions.

How does laser resurfacing work?

The laser used in resurfacing has a very high attraction to the water in your skin. When the laser energy is applied, it ablates (vaporizes) a layer of skin to a depth controlled by your physician. The high water attraction allows the FRATIONAL laser to ablate blemishes, wrinkles and damaged skin very efficiently, which makes it both safe and effective. As your skin heals, a new layer of fresh healthy skin replaces the old damaged skin. Additionally, laser resurfacing stimulates the formation of new collagen leading to a stronger dermal foundation and noticeably firmer skin.

Why choose laser resurfacing over other resurfacing methods?

With the precision of resurfacing laser, your physician has the ability to create a plan with customized recovery periods, depending on the patient's needs. In shallow treatments, laser resurfacing accomplishes effects similar to dermabrasion and chemical peels, but with much greater precision, consistency of results, and predictable recovery methods.

What conditions can be treated by Sciton laser?

- Hypertrophic, surgical and acne scars
- Fine lines and deep wrinkles
- Poor skin texture (e.g. enlarged pores)
- Actinic Keratosis (sun damage)
- Freckles and other pigmented skin lesions

Dr. Hisham Lotfi Head of Dermatology & Venereology Department

What areas can be treated?

Laser resurfacing is most commonly performed on the face. It can be very effective at eliminating the wrinkles that occur around the mouth (e.g lip lines) and eyes (e.g. crow's feet), as well as improving the overall skin tone, texture and color anywhere on the face. LASER can also be used on other parts of the body, per doctor's advice.

What will happen during the procedure?

Your physician will protect your eyes with safety shields or glasses and prepare your skin for treatment. During the procedure, the physician will hold the laser headpiece in place as a computer-controlled scanner that precisely moves the laser beam over the treatment area. You may hear snapping or popping sounds as the laser gently removes the outer layer of the skin. The procedure may take a few minutes to half an hour or more, depending on the size of the treatment area and the depth of your treatment.

Will the procedure be uncomfortable?

Your physician will discuss options for managing any discomfort associated with the procedure. The amount of discomfort varies from patient to patient and depends on the depth of the treatment. For areas like the face an anesthetic cream can be applied for one hour before the procedure.



What should I expect after treatment?

Your physician has designed an after-care regimen to address the common side effects associated with laser resurfacing and will include specific instructions to minimize these effects and speed up your healing. Some swelling may be present in the treated area and can be addressed with cool compresses. Redness may persist for several days, depending on the depth of the treatment, but will resolve over time. It is important that you avoid sun exposure, especially while your skin is healing. If you must go outdoors, it is recommended that you cover your treated skin, wear a hat and use sun block of SPF 50 or higher after skin has healed.

How long will it take to recover?

Your healing time will depend on factors such as treatment depth and post-treatment care. Healing time may also vary between individuals. As a general rule of thumb, the deeper the treatment, the longer the healing time, but the more dramatic the results. Your physician can provide realistic expectations of downtime based on your specific treatment as well as answer questions about temporary changes to your skin color and provide suggestions on how they may be camouflaged.

Are there any risks with the procedure?

Generally, resurfacing laser carries very few risks, which is one of the reasons why it has become the preferred method of resurfacing for many. Your physician can provide more information on the risks associated with any type of medical procedure, including laser resurfacing. One of the best ways to reduce the possibility of complications is to follow the after-treatment care instructions and follow-up schedule provided by your physician. Doing so will help reduce the risk of infection and ensure proper healing.

What kind of results should I expect, and how soon can I expect to see them?

Your results will vary depending on the severity of the conditions treated and the depth of treatment. Usually you will be able to see immediate visible results such as elimination of sunspots, wrinkle reduction and skin texture improvement as soon as the skin heals. Additionally, you may notice gradual firming of the skin over the next several months as the skin's healing and rebuilding response stimulates collagen remodeling and production, leading to healthier, softer skin.



11 LASER Vision Correction: Amazing What 20 Minutes Can Do!



Dr. Mohamed Abd Al Naby Ph. D of Ophthalmology Consultant - Ophthalmology

What are the different types of LASER vision correction surgeries? And what are the indications for each one?

In Early 1990s, EXCIMER LASER emerged in the field of Refractive Surgery (vision correction surgery). It was used previously in manufacturing computer microchips, before it was realized that the high penetration power can be used in corneal resurfacing and hence, change of curvature to improve vision. It was approved by FDA in 1993, unleashing a new wave of technology for refractive surgery.

As of today, more than 17-18 million patients have undergone refractive LASER surgeries.

- In the early 1990s, Photo-Refractive Keratectomy (**PRK**) was the first refractive surgery introduced where the superficial layer of the cornea was removed and LASER was applied.
- By the mid 1990s, the famous Laser Assisted Insitu Kerato-meleusis (<u>LASIK</u>) emerged to become the most popular refractive procedure. It avoided the side effects of PRK particularly the painful and long recovery time.
- By the late 1990s, another innovation had emerged, (LASEK) which is an alcohol-assisted surface treatment where repositioning of the superficial layer is essential to reduce the post-operative pain.
- By the early 2000s, the <u>FEMTO-LASER</u> technology emerged as one of the greatest breakthrough innovation in refractive surgery. This technology applied the FEMTOSECOND THEORY of the famous Egyptian physician, Dr. Ahmed Zuwail, who was rewarded the Nobel prize in 1999, where the LASIK cut is made by an extremely fast LASER beam.
- In 2003, the new technology of <u>EPI-LASIK</u> was added to enhance vision correction surgery using a special fine epithelial separator to create a very thin flap of 50 microns.
- This brings us to today's most advanced treatment in eye correction surgery the Trans-Epithelial PRK, now available at New Mowasat Hospital. With this technology, even the superficial layer of the cornea can be removed with LASER. So, it was named the "ONE STEP LASER" surgery.

All surface treatments (PRK, LASEK and EPI-LASIK & TRANS-PRK), can help with thin or irregular cornea, severe dry eye and athletic patients who are more subjected to traumatic eye injuries.



What are the side effects of vision correction through laser surgery?

LASER vision correction surgery, like any other surgery, has some side effects. Those drawbacks are much predicted, minimized and managed by a well experienced surgeon and good case selection.

The most common LASER side effects are mild, temporary and case dependent.

- Night visual symptoms (glare, haloes and ghost images) are most common drawbacks due to change of the corneal curvature after refractive surgery and the time lapse for brain re-adaptation for the new corneal shape. Basically, it fades off within 2-3 months.
- **Dry Eye** is also a very common side effect caused by the decrease in tear production. It is more severe with LASIK compared to PRK and EPI-LASIK. Usually, it disappears within the first few months with avoidance of the intense sunlight.
- Visual Regression, or loss of visual clarity, is one of the most irritating side effects for most patients. Although regression is not yet completely understood, it may be caused by corneal cells regrowth and proliferation.
- About **90-95%** of patients don't require another surgery. The remaining **5-10%** (usually high error patients) may need re-treatment if they still have enough corneal thickness.

Are all patients good candidates for LASER surgery?

What are the alternative options?

There are two categories of patients:

Category 1: Cases with frank LASIK contraindications (frankly clinical, aborted or subclinical keratoconus). It is forbidden to do LASIK for this group, and the cases are carefully evaluated to choose the best surgical option, which can be Corneal Cross Linking (CXL), Intra Corneal Rings (ICR), Lens implants or Keratoplasty (corneal grafting)

Category 2: Cases of high degree of errors which is beyond LASIK correction range (High myopia, hyperopia and astigmatism). For these patients, lens implants can be implanted and fixed inside the eye. There are many types of lenses including **(Phakic IOLs)** which keeps the original lens (Cachet angle supported, Artisan iris fixated and ICL posterior chamber phakic IOL).

The normal lens can also be removed and replaced with a new implant **(Pseudo-phakic IOLs)**.

Surgical decisions depend mainly on the patient's data (refraction, corneal topography, thickness, anterior chamber depth ...etc).

All types of implants are easy and have short surgical procedure **(15-20 min.)**. They are also very safe and give effective results without compromising the weak or thin cornea.

Lens implants have excellent visual results similar to LASIK starting from the day after surgery, especially for patients with a high degree of errors. Implants may be even superior to LASER in that patients experience less visual night symptoms and dryness; and more stable long-term visual performance with less possibility of regression or deterioration.

To find out which option is better for you, please visit our Ophthalmology Center at New Mowasat Hospital or call 1 82 6666 for an appointment.

12 An advice for Women

wanting to get pregnant



Dr. Mohammed Gamal El. Afghani Consultant and Clinical Director of Obstetrics and Gynecology dept.

So you've decided that now is the time to prepare for pregnancy –

So, what's the next step? In no particular order, below are some things to think about now that you're ready to prepare for pregnancy.

1. Visit your Doctor

Visit your Doctor for a full check-up, including a pap smear and breast exam.

Your doctor will likely ask if your vaccinations are up-to-date, particularly; Measles, Mumps & Rubella (MMR) and Chicken Pox.

2. Start taking Folic Acid (folate)

Because it can be difficult to get all the folate you need from your diet, it's a good idea to take folate supplements, which help prevent neural tube defects like Spina Bifda - one of the most common of all birth defects.

Ideally, start taking folate three months prior to conception, but if you hope to conceive earlier than this, the sooner you start taking it, the better. A dose of 400 micro grams until the 12th week of pregnancy is ideal – it's most crucial in the first trimester as the brain and spinal cord are developing.

Your doctor may also prescribe pre-natal vitamins which contain folate. But make sure you read the label so you know how much folate you're actually getting (ideally not too small amount).

You'll also find folate in the following foods:

Spinach, Broccoli, Asparagus, Berries, Avocado, Beef, Eggs, Chick Peas, Soy Beans, Oranges, Grapefruit.

Ideally, start taking folate three months prior to conception.

3. Smoking

There is no safe level of smoking whether if you are trying to conceive or pregnant.

If you are a female smoker, you will likely have lowered fertility compared to that of a non-smoker. Smoking can also result in less success with fertility treatment and a higher miscarriage and stillbirth rate.

Men who smoke may have reduced semen volume and sperm count and more abnormal sperm compared to non or ex-smokers.

Smoking during pregnancy and exposing the infant to tobacco smoke in the first year of life is one of the major risk factors for sudden infant death syndrome.

4. Healthy eating & exercise

You don't need to follow a strict regime that's impossible to keep up with, but aim to be in the healthy weight range for your body – being underweight or overweight can effect fertility. Going for a walk everyday with your partner is a great idea, if it is too hot during the long summer time, you can use the treadmill at your gym. The fitter you are, the better you will be able to cope with pregnancy.

5. Diabetes Pregnancy and the Importance of Blood Sugar Control

Kuwait has one of the highest percentages of diabetic people worldwide. Good blood sugar control is important before becoming pregnant, because many women do not even know they are pregnant until the baby has been growing for two to four weeks. High blood sugar levels early in the pregnancy (before 13 weeks) can cause birth defects. They also can increase the risks of miscarriage and diabetes-related complications.

6. Family health history

Family health history may also have an effect on conception and pregnancy. Your doctor will ask you questions about your family history. So make sure to mention genetic disorders or health problems in detail. Your doctor may refer you to a genetic counselor for further testing.

All the best for a successful road to conception!

13 Functional Capacity Tech: The latest technology for Diagnosing joint and muscle imbalance



New Mowasat Hospital is pleased to announce the arrival of the latest and most advanced device.

Functional Capacity Tech in the Rheumatology and Physical Medicine Department used for the diagnosing of joints and muscles functions.

Dr. Samer Abdullah, Head of the Rheumatology and Physical Medicine Department, explained that the Functional Capacity Tech is the latest advancement in the field of rheumatology and rehabilitation for the scientific study of joints. The device screens joint/muscular imbalance and predict ligaments injury at early stages, which is crucial for timely and successful treatment. The Functional Capacity Tech is also used for evaluating shoulders stiffness as well as arthritis, especially in diabetic patients. Additionally, it plays an important role in the screening of the joint stability, especially in sports-related injuries and walking abnormalities. It is also a very effective tool in detecting osteoarthritis.

The Functional Capacity Tech delivers all examinations and tests for the kinetic chain and the muscles surrounding the joint calves through isotonic, isometric and isokinetic readings, which measure changes in the muscle when it moves or is put under physical stress.

A treatment program, proprioception is also integrated in the device to improve the performance of the joints movements and to strengthen the surrounding muscles; it also helps in gaining back the sensory feel of the joints.

This device is currently in use in many rheumatology & rehabilitation centers around the world, especially in the United States where participating patients are able to see the results immediately on the screen, encouraging them to reach the desired results.

"Joint disorders are very common worldwide, and especially in the Middle East," added Dr. Samer, "where there is a high rate of obesity, diabetes and lack of physical activity which contribute to muscle atrophy, unstable joints and early development of arthritis." Working out and keeping the joints fit are important pillars to maintaining good joint health, thus reducing the chances of motor impairment incidents.

Travel Safe with Travel Medicine

Consult your doctor to prevent and manage travel-related health problems through immunization, vaccination, and medical advice.



For more information Dr. Mahmoud Omar, Consultant & Clinical Director Digestive Diseases and Endoscopy Ext. 2236-2231-2252 – 1826666



www.newmowasat.com









14 Don't forget your Health Guidelines Travel Safe...

Did you Know?! One third of travellers experience a travel-related illness; in most cases diarrhea or an upper respiratory infection.

With the summer travelling season fast approaching, it is time to start thinking about your travel checklist.

Along with packing your favorite summer clothes, new sun shades, and map; make sure you haven't forgotten your travel health guidelines.

Always seek pre-travel advice.

- Ideally, all international travelers must have an initial consultation at least six weeks before their departure date to allow time for immunizations and assessment of any undesirable reactions.
- If you are a Diabetic, make sure to consult your physician about your personal needs.
- Diabetics have special travel issues that should be discussed with a specialized doctor.
- Share your medical history with your physician.
- Especially if you are travelling to high altitudes, your physician will need to evaluate your medical history.
- Do not swim, bathe or wade in freshwater, streams, rivers or lakes' this is where schistosomiasis is transmitted. If contact with such water occurs, immediately towel dry the skin.

Take Personal Precautions against insects.

Use insect repellants, wear clothes that cover arms and legs, and spray rooms with pyrethrum-containing flying insect sprays.

Take appropriate dietary precautions.

Boil water for 10 minutes; for drinking, brushing your teeth, or even cleaning your contact lens. Avoid ice, and use fresh straws and disposable cups if possible. Eat only well cooked food & avoid salads uncooked vegetables, and food sold by street vendors.

Protect yourself from accidental injury.

In some areas motor vehicle accidents are the leading cause of medical problems among tourists. Avoid riding motorcycles and always wear a helmet. Avoid traveling in crowded buses, trucks and taxis, request rental cars with seat belts, and bring infant car seats.

Assemble a traveler medical kit.

A traveler medical kit should include:

- Tweezers.
- Needle.
- Pocket knife.
- Scissors.
- Flashlight.
- Band aids.
- Sterile 4x4 pads.
- Adhesive tape.
- Povidone-iodine solution for skin disinfection.
- Antibiotic ointment.
- Pain or fever medication (aspirin, acetaminophen, ibuprofen).
- Antifungal cream.

- Cortisone cream and antihistamine tablets.
- Insect repellents and insecticides.
- Water purification tablets.
- Sunblock.
- Medications for diarrhea, dehydration, and altitude and motion sickness.

Appropriate response to illness after returning home

Some Diseases may not manifest themselves immediately after you return. Make certain you see your physician when you come back.

You are now set to go, travel safe and enjoy your vacation!



15 Dr. Amr Gamal explains New Mowasat's Radiology Services



For decades, New Mowasat Hospital has provided compassionate, cuttingedge care to patients, ensuring safe and timely services are received around the clock.

Dr. Amr Gamal Radiologist Radiology is a branch of medicine that uses imaging technology to diagnose and treat diseases. X-rays, electromagnetic radiation, sound waves and radioactive substances are used to create images of the body, its organs, and structures, which show how effectively the body and its internal organs and structures are functioning.

Radiology has evolved into a high-tech science with state-of-the-art equipment to improve imaging every part of the body.

While there has been concern over the potential harmful side effects associated with the use of radiation, the benefits of gaining important information about about the patient's condition far outweigh these risks.

Radiology offers both diagnostic and therapeutic specialties which utilize different approaches. Diagnostic radiology uses external radiation to produce images of the body, its organs, and other internal structures for medical diagnostic purposes.Whereas therapeutic radiology, or radiation oncology, uses applications of radiant energy to study, treat, and manage cancer and other diseases. In addition, Interventional radiology uses various imaging techniques to guide the insertion of small catheters and tools through the body to identify and treat a medical disorder without requiring conventional surgery.

For decades, the Department of Radiology in New Mowasat Hospital has provided compassionate, cutting-edge care to patients, ensuring safe and timely services are received around the clock.

Currently, the Radiology department contains an experienced team of 15 radiologists, technologists and supporting staff performing over 35,000 exams per year. This volume of cases, coupled with the most modern imaging techniques and equipments, has helped the department to support New Mowasat Hospital's mission to provide the best medical care to patients through practice, education and research through an integrated multidisciplinary approach.

Diagnostic Imaging Services

New Mowasat's Radiology department has state of art equipments such as X-Ray machines, mammogram machine, bone densitometer, ultrasound machines, 64 Multislice CT scanner and 1.5 T MRI machine.

The services of diagnostic imaging include Conventional Radiography, Ultrasonography & Doppler examinations, CT Scan, MRI, Bone Densitometry (DEXA) and Interventional Procedures which cover a wide spectrum of clinical applications serving the Internal Medicine, Surgery, Orthopedics, Endocrinology, Cardiology, Casualty and Obstetric & Gynecology.

The effectiveness of these services depends enormously on the quality of the health care providers. The existence of well trained professionals, as well as the implementation of quality assurance programs at New Mowasat Hospital, such as Accreditation Commission Canada and Joint Commission International, guarantee a well-oriented clinical diagnosis with minimal levels of radiation for our patients.



16 Proper treatment can prevent spreading Strep throat



Dr. Eman Wetwet Specialist Pediatrician

A sore throat can be mild or severe. But when is it «strep» throat, and how should you treat it? Your doctor can do a quick test and give you answers. Proper treatment can get you better faster and prevent spreading to others!

Sore throats can have a variety of causes. Viruses, bacteria, allergens, environmental irritants (such as cigarette smoke), chronic postnasal drip and fungi can all cause that unpleasant, scratchy and sometimes painful condition known as a sore throat. While many sore throats will heal without treatment, some throat infections - including strep throat - may need antibiotic treatment.

What causes Strep Throat?

Strep throat is an infection in the throat and tonsils caused by group A Streptococcus bacteria (called "group A strep"). Group A strep bacteria can live in a person's nose and throat. The bacteria are spread through contact with droplets from an infected person's cough or sneeze. If you drink from the same glass or eat from the same plate as the sick person, you could also become ill. It is also possible to get strep throat from contact with sores from group A strep skin infections.

Common Symptoms of Strep Throat

- Sore throat, usually starting quickly
- Severe pain when swallowing
- A fever (38° C or above)
- Red and swollen tonsils, sometimes with white patches or streaks of pus
- Tiny red spots (petechiae) on the soft or hard palate—the area at the back of the roof of the mouth



- Headache
- Nausea and/or vomiting
- Swollen lymph nodes in the neck
- Body aches
- Rash

Is it Strep? A Simple Test Gives Fast Results

A strep test (a quick swab of the throat) can quickly show if group A strep bacteria are causing a sore throat. A test is needed to tell if you have strep throat; just looking at your throat is not enough to make a diagnosis. If the test is positive, your doctor can prescribe antibiotics. If the strep test is negative, but your doctor still strongly suspects you have this infection, a culture of your throat (another sample) may be taken as another way to test for the bacteria.

Antibiotics Get You Well Fast

The strep test results will help the doctor decide if you need antibiotics. Antibiotics reduce the length of time you're sick and reduce your symptoms. Antibiotic treatment may also prevent the spread of infection to friends and family members. They can also prevent complications such as tonsil and sinus infections.

Once treatment begins, you should start feeling better in just a day or two. Call your doctor if you don't feel better after taking antibiotics for 48 hours. People with strep throat should stay home from work, school, or daycare until they have taken antibiotics for at least 24 hours. Be sure to finish the entire prescription, even when you start feeling better.

Preventing Infection: Wash Those Hands

Unfortunately, there is no vaccine to prevent strep throat. So the best way to keep from getting strep throat is to wash your hands often and avoid sharing eating utensils, like forks or cups. It is especially important for anyone with a sore throat to wash their hands often and cover coughs and sneezes.

17 Meet our Staff



Karim Hisham Odeh

Assistant Pharmacy Manager

What do you do?

Dispense medications to patients & clinics

Provide advice to both Patients & Physicians about medications and medical equipment

Assists in managing the Pharmacy Department work

Member in the Pharmacy & Therapeutics Committee which monitors the utilization of medication throughout the hospital.

What do you like about your job?

I like the fact that I can help people. It's in my nature.

The ability to draw a smile on people's face and give them hope.

What is your favorite book?

I don't have time to read

What is your favorite movie?

The Expendables and most action movies



What is your hobby/hobbies?

- Working on Computer Hardware & Software
- I like volleyball
- Fixing and re-arranging things around.
- Doing research

Dr Manal Noor Eldein Ahmed

Clinical Pathologist

What do you do?

Coordinate and integrate interdepartmental and intradepartmental services of clinical laboratory including biochemistry, microbiology, hematology and blood bank.



What do you like about your job?

Interpretation and correlation of lab data for diagnosis and patient management

What is your favorite book? The great QURAN What is your favorite movie? All movies of Adel Emam What are your hobby/hobbies?

Reading

SunithaLynet Vas

IVF coordinator

What do you do

Coordinate all infertility diagnostic tests and treatment plans between patients and physicians, telephone triage with patients regarding medication, treatment plans and test results; counseling patients about IVF protocols, teach injection of fertility medications to patients, assisting doctor in ultrasound monitoring and operation theater with procedures like Intrauterine Insemination, Egg Collection, Sperm Retrievals and Embryo Transfers, pre and post op care; prenatal care, coordinating between reception, nurses laboratory and doctors.

What do you like about your job?

The absolute best part of my job is the satisfaction of answering patients' questions and helping them navigate the infertility testing and treatment process, I enjoy working with infertility patients even when their outlook is bleak. Far and away, positive outcomes help me continue this work day after day. Even when outcomes are not positive, I can walk along side my patient with compassion and empathy.



What is your favorite book?

Nursing and Infertility books

What is your favorite movie?

Hindi Comedy Movies

What is your hobby/hobbies?

Surfing the internet, Bonding with my children.



Yasser Fayez Tarabay

Assistant Manager Front Desk

What do you do?

Managing all NMH front desk and in-patient billing as well as supporting VIP patients, and all contractual agreements for private companies and embassies

What do you like about your job?

I have been working in New Mowasat hospital since 1995 as part of the customer service team. What I like the most about my job is supporting our clients' needs as well as experiencing the team spirit environment.

What is your favorite book?

The Broken Wings by Gibran Khalil Gibran & ... أولاد حارتنا هي رواية من تأليف نجيب محفوظ

What is your favorite movie?

Titanic

What is your hobby/hobbies?

Swimming & Playing with my kids

Dr. Hussein Reda

Dentist

What do you do?

Pedodentistry treatment children teeth (esthetic filling, SS crowns, teeth extraction, oral hygiene Instructions, fluoride therapy and treatment under general anesthesia).

What do you like about your job?

To observe a patient's smile and their oral health improved.

What is your favorite book

The scourge of the homeland". by Robert Fisk.

What is your favorite movie? The God Father

What is your hobby/hobbies?

Reading, music, football and travelling.



18 Patient Testimonials



Hello.

We are expats (Americans) that had the pleasure of working in Kuwait. While here, we decided to explore fertilization options with another hospital in Salmiya that did not work out. Dr. Nahed was then recommended to us. The quality of the clinic, the staff, their success rates and Dr. Nahed, is nothing short of amazing. Now, we got our beautiful baby boy, Edward. When my husband's tour of Afghanistan was over, we decided to meet in Kuwait and try for another bundle of joy. With the help of New Mowasat's IVF center now we are back again to try for our second (or third). Sarah/Ed Z.

Here's what patient, Mr. Mohamad Abdo, had to say about the spine surgery he underwent recently, by skilled surgeon, Dr. Ahmed Mukhtar, New Mowasat Hospital's Head of Orthopedic Department.

"I would like to thank New Mowasat Hospital and the medical team who was involved in my operation for their courtesy and professionalism. Moreover, I would like to extend my special thanks to Dr. Ahmed Mukhtar the head of the department of this great hospital. I felt very comfortable the minute I went in and the services offered were amazing. The surgery which I

underwent has given me hope once again to walk on my feet very easily and without any pain, I did not expect the outcome to be that successful since I have had many operations in the past which ended up all in vain. The media should shed light on the doctors' roles such as the orthopedists in New Mowasat to highlight their specialties as they are honorable examples in our society. This will help patients in need to know where to seek help, get cured and have hope again to live their life fully".



19 Welcome on Board

Dental Department



Dr. Mersiha Avdic

Specialist Periodontist Board Certified Specialist Periodontist Diplomate of American Academy of Periodontology Ext.: 2535 | mavdic@newmowasat.com

Opthalmology Department



Dr. Mohamed Wagih El-Deeb

Consultant Ophthalmology & LASER Surgery

Associate Professor, Cairo University, (Ph.D.) Ext.: 2676 | mwagih@newmowasat.com



Dr. Ghazi Al Hamdan

Consultant Ophthalmologist

Canadian Board

Subspecialty: Cornea, Cataract and Refractive Surgery Ext.: 2670 | ghamdan@newmowasat.com

Pediatrics Department



Dr. Eman Wetwet

Specialist Pediatrician

Certificate of consultant Pediatrics and Neonates - UK Certificate of Completion of Specialist Training (CCST) from GMC, UK Ext.: 2318 | weman@newmowasat.com

Obstetrics & Gynecology



Dr. Shazia Afridi

Consultant Ob/Gyn MBBS. MRCOG, MRCPI. Subspecialty in IVF, Ireland Ext.: 2693 | safridi@newmowasat.com

Dermatology, Cosmetic & Plastic Surgery



Dr. Tetiana Gadylshyna

Registrar, Dermatology, Cosmetic & Plastic Surgery Department

MD in Dermatovenerology

Tel.: 1 82 6666 | tgadylshyna@newmowasat.com

عيادة قسم البولية | Urology Department

Dr. Mohamad K. Al Machhour

Ext.: 2223 | mmachhoor@newmowasat.com

Consultant

Urology Department

MD, Degree – Urology

د. محمد خالد المشهور

الللتشاري الجراحة البولية جامعة ألبو – سوريا

عيادة قسم العظام | Orthopedics Department

Dr. El Hussein M. El Moatasem

د. الحسيني المعتصم

اختصاصي طب وجراحة العظام

Orthopedic Specialist Bachelors of Medicine,Bachelors of Surgery (MBBS) Masters - Orthopedic Surgery, Doctorate -Orthopedic Surgery Tel.: 1 82 6666 | emoatasem@newmowasat.com

عيادة قسم الجراحة العامه | General Surgery Department



Consultant, General Surgery

Dr. Mohammed Saeed Khan

د. محمد سعید خان

الستشاري جراحة عامه بخائريوس طب

Bachelors of Medicine Bachelors of Surgery (MBBS) Tel.: 1 82 6666

Dr. Ravi Prakash

عيادة قسم حديثي الولادة | Neonatology Department



Consultant & Clinical Director MD in Pediatrics, CCT Certification Ext.: 2333 | ragarwal@newmowasat.com

د. رافمے براکاش

الستشاري ومدير القسم حديثي الولادة بكائوريوس طب وجراحة الأطفال – الهند

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