



جامعة محمد بن راشد
للطب و العلوم الصحية

MOHAMMED BIN RASHID UNIVERSITY
OF MEDICINE AND HEALTH SCIENCES

MBRU ANNUAL REPORT 2019 -2020



2019-2020 Annual Report Contents

Message from the VC	3
Governance	5
Education	21
Research	45
Community Engagement	54
Emiratization	61
Sustainability	67
Sustainability: Covid 19 Special	73



Message from the Vice Chancellor

Dr. Amer Sharif

This year has been a significant year of progress in the history of our young institute with the launch of a new college, the College of Nursing and Midwifery, and a postgraduate program, the Master of Science in Biomedical Sciences. We are proud of how far we have come, especially this year as the world battled a pandemic, which has brought a lot of uncertainties into our lives. As with any crisis challenges arise, and what we have witnessed at MBRU is a family coming together to find solutions to ensure that our operations and our students, are not affected. Our Smart Services implemented a digital strategy instantly which allowed our students, both undergraduates and graduates, and faculty to conduct distance education without any interruptions to their learning experience.

This year has also been noteworthy, as we received a visit from H.H. Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE, and ruler of Dubai, and the Crown Prince of Dubai, H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum.

Our progress thus far has been made possible due to the unwavering support and hard work of our dedicated team of talented academic and professional staff across the University who all believe in our vision of becoming a global hub for innovative and integrated healthcare education and research at the service of humanity. The resolve and resilience of the MBRU Family allowed us to continue progressing this past year. I am also proud of the fact that we had a positive impact on our beloved country's fight against COVID-19 through MBRU's research findings and our community programs aimed to educate and prevent the spread of the disease. In addition to our work and presence in the Dubai COVID-19 Command and Control Center.

At MBRU, we pride ourselves in being responsive, and innovative in our work, which is what enabled us to reach this far in a fairly short time. I look forward to working closely with our faculty, professional staff and students to meet our goals set for the coming year.

Amer Sharif



About MBRU

With a mission to advance health in the UAE and the region through an innovative and integrated academic health system, Mohammed Bin Rashid University of Medicine and Health Sciences (MBRU) offers undergraduate and postgraduate degrees through its colleges, Hamdan Bin Mohammed College of Dental Medicine (HBMCDM), the College of Nursing and Midwifery, and the College of Medicine.

MBRU's College of Medicine offers undergraduate and postgraduate programs, the Bachelor of Medicine and Bachelor of Surgery (MBBS) and a Master of Science in Biomedical Sciences. HBMCDM offers a range of specialty postgraduate dentistry programs in Endodontics, Orthodontics, Pediatric Dentistry, Prosthodontics and Periodontology. Additionally, HBMCDM offers a dental internship program in collaboration with Dubai Dental Hospital. The College of Nursing and Midwifery offers two postgraduate programs, a Master of Science in Cardiovascular Nursing and Pediatric Nursing. The University's drive to innovate and enhance healthcare is mirrored in the faculty's dedication to research with MBRU recording more than 470 peer-reviewed publications.

MBRU is an inclusive educational institution, comprising a diverse faculty and student body featuring more than 38 nationalities. The highly experienced faculty and innovative facilities provide medical students with early clinical exposure from year one, and extensive clinical training to postgraduate dentists, in line with the UAE Centennial 2071 to develop education with a focus on advanced technologies.

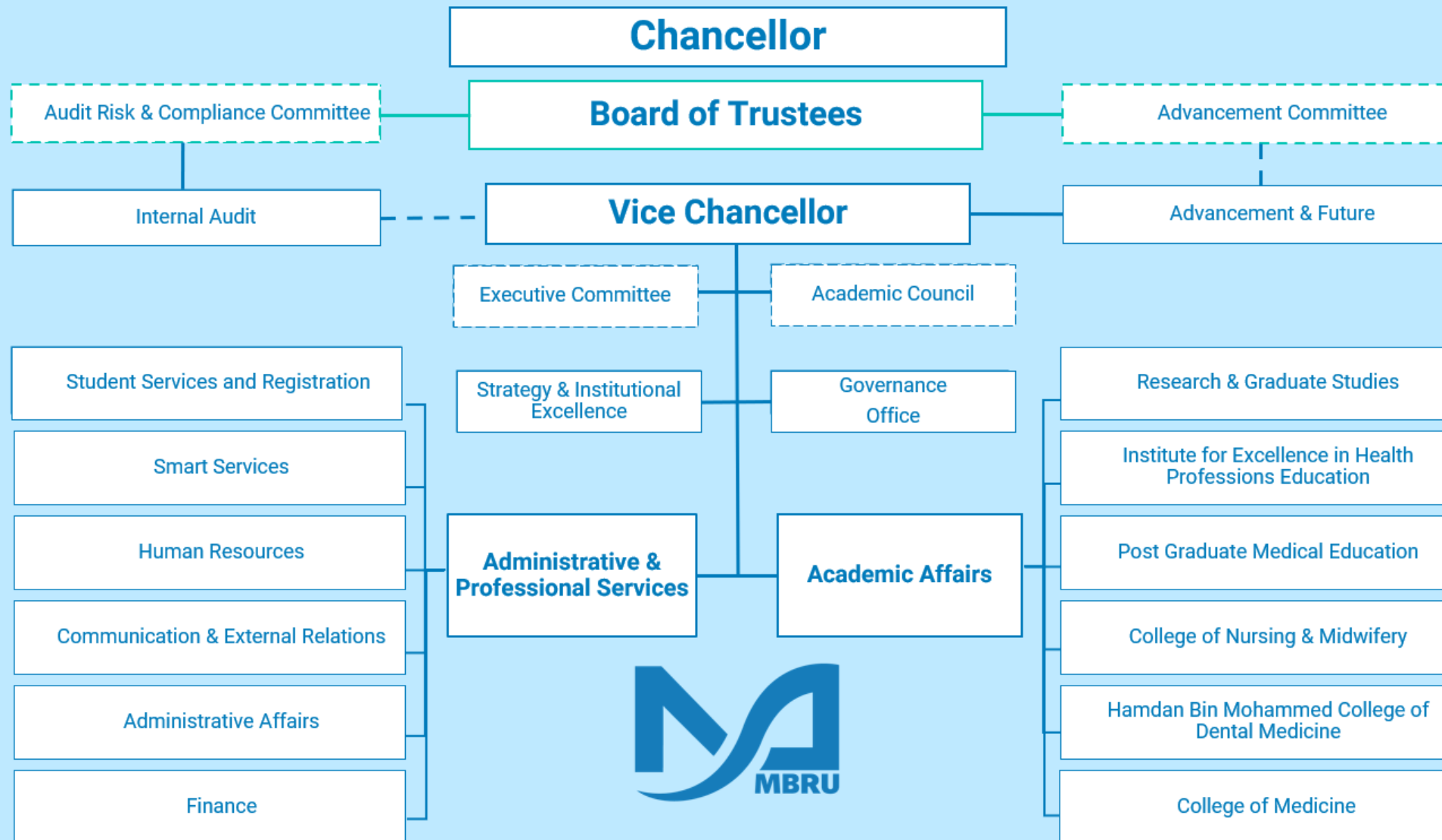
MBRU's philosophy is that the role of a healthcare professional goes beyond medical knowledge and technical abilities. A healthcare professional must be able to communicate effectively and demonstrate empathy towards patients and their families as well as make ethically-sound decisions, which is why MBRU became one of the first universities in the UAE to conduct the multiple mini-interviews- MMIs as part of its admissions process.

The University is also home to the largest medical simulation center in Dubai, a fully accredited training facility that offers a safe environment for healthcare professionals to learn new procedures and techniques.

MBRU Organizational Structure



Governance @



Leadership: Our Board of Trustees



Governance @



H.H. Sheikh Ahmed bin Saeed Al Maktoum
Chancellor of the University
Chairperson of the Board of Trustees



H.E. Dr. Raja Easa Al Gurg
Vice Chairperson of the Board of Trustees



H.E. Abdul Rahman bin Mohammed Al Owais
Minister of Health & Prevention



H.E. Humaid Mohammed Al Qatami
Director General of the Dubai Health Authority



H.E. Abdullah Abdul Rahman Al Shaibani
Former Secretary General of The Executive Council-Dubai



H.E. Dr. Abdulla Mohamed Al Karam
Director General of Knowledge & Human Development Authority



Professor Ian Greer
President & Vice Chancellor of Queen's University Belfast



Dr. Amer Ahmad Sharif
Vice Chancellor



Professor Alawi Alsheikh-Ali
Provost and Dean College of Medicine



His Highness Sheikh Ahmed bin Saeed Al Maktoum, Chancellor of MBRU and Chairperson of its Board of Trustees, chaired the first meeting of the Board on 23rd of September 2019, and reviewed its three-year impact report and appreciated the University's efforts in advancing health through furthering medical education and research.

New Board Member

MBRU welcomed **Professor Ian Greer, President and Vice-Chancellor of Queen's University Belfast (QUB)**, as a new member to its Board of Trustees.

Professor Greer is the Chair of the UK Regenerative Medicine Platform Board and Chair of the Scientific Advisory Board at the UK Antimicrobial Resistance Research and Development Centre, who has led five medical schools in UK and created the Manchester academic health sciences system.



"Queen's University Belfast (QUB) was honored to be selected in 2014 as academic partner in the development and establishment of the Mohammed bin Rashid University of Medicine and Health Sciences (MBRU), and we were delighted to be given the opportunity, in 2018, to play a further part in MBRU's success by supporting the development of Nursing Master's programs at the University.

We would like to congratulate Dr. Amer and his team on the significant progress made to date in achieving MBRU's vision of becoming a global hub for innovative and integrated healthcare education and research at the service of humanity, and we very much look forward to continuing to build on our flourishing partnership,"

Professor Ian Greer



MBRU held its second Board of Trustees meeting for the academic year 2019-2020 on 29th of January 2020, chaired by H.H. Sheikh Ahmed bin Saeed Al Maktoum, Chancellor, and Chairperson of the Board of Trustees of MBRU, focusing on governance, sustainability and future plans for the next 50 years.

An Honor and Privilege



جامعة محمد بن راشد
للطب والعلوم الصحية
MOHAMMED BIN RASHID UNIVERSITY
OF MEDICINE AND HEALTH SCIENCES



H.H. Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE, and ruler of Dubai honored MBRU with His visit on the 28th of July 2020.

Thank You for Your Leadership.



HIS HIGHNESS SHEIKH

Hamdan bin Mohammed

VISITED

MBRU

On the 23rd of June 2020

An Honor and Privilege



“ Our strategy is focused on developing initiatives to foster innovation and enhance the quality of education. We believe this is vital to finding unique solutions to the challenges we face and opening new paths to accelerate our journey to the future. The progress achieved by our scientific establishments reassure us about our ability to establish leadership in this domain. The Mohammed Bin Rashid University of Medicine and Health Sciences is one of the prime examples of establishments in our country that provides a high quality of education. Such institutions are critical to enhance the healthcare sector and the quality of healthcare services, which are integral elements of Dubai’s plan to achieve sustainable development,

”

H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum
Crown Prince of Dubai & Chairman of Dubai Executive Council



Our Vision, Mission & Values



Governance @



Vision

A global hub for innovative and integrated healthcare education and research at the service of humanity

Mission

To advance health in the UAE and the region, through an innovative and integrated academic health system, that is nationally responsive and globally connected, serving individuals and communities

MBRU Values



RESPECT



INTEGRITY



CONNECTIVITY



GIVING



EXCELLENCE



MBRU Strategic Pillars



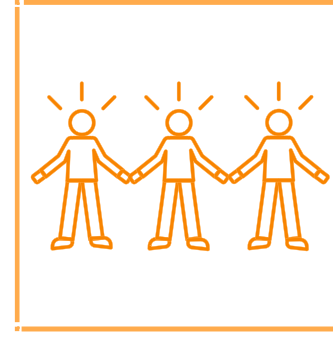
Governance



Education



Research



**Community
Engagement**



Sustainability









Emiratization

Strategy 411 Snapshot



Governance @



STRATEGY 411 SNAPSHOT					
6 PILLARS		9 OBJECTIVES		KEY OUTCOMES	
	Education	<ol style="list-style-type: none"> 1. Expand educational offerings 2. Enhance local, regional and international recognition 	4 Colleges Medicine Dentistry Nursing Health Sciences	#1 UG medical Program in the UAE	#1 PG Dental College in the UAE
	Research	<ol style="list-style-type: none"> 3. Establish a supportive research infrastructure 4. Enhance research productivity 	4 Focus areas Priority Diseases Patient & Provider Experience Healthcare Delivery HE Innovation	#1 University in the UAE for spending per faculty by 2021	#1 University in the UAE in the number of publications per FT Faculty by 2021
	Community Engagement	<ol style="list-style-type: none"> 5. Expand community engagement opportunities available to students, faculty and staff 	4 Main Groups Prospects Professionals Community Decision makers	#1 University in number & diversity of activities engaging the community	#1 University in the region in engaging students in community activities
	Governance	<ol style="list-style-type: none"> 6. Enhance Internal Governance Structures and Function 	4 Main Entities Education Research Service Delivery Community	1 MBRU Health System	1 Overarching governing body
	Sustainability	<ol style="list-style-type: none"> 7. Enhance students, faculty and staff satisfaction and happiness at MBRU 8. Establish and initiate MBRU endowment fund and revenue generating activities 	4 Hundred million endowment target by 2021	#1 University in the UAE in student & staff Happiness & Satisfaction Surveys	#1 Medical & Health University in the UAE in reputation ratings
	Emiratization	<ol style="list-style-type: none"> 9. Increase the proportion of Emirati students, faculty and staff 	40% of MBRU students will be UAE nationals	#1 Private university in the UAE in the proportion of UAE national students	#1 Private university in the UAE in the proportion of UAE nationals among its faculty and staff



The 2nd MBRU Strategy Retreat

The Museum of the Future, Dubai



40+ Participants
including Students and Alumni



MBRU Values Council



Governance @



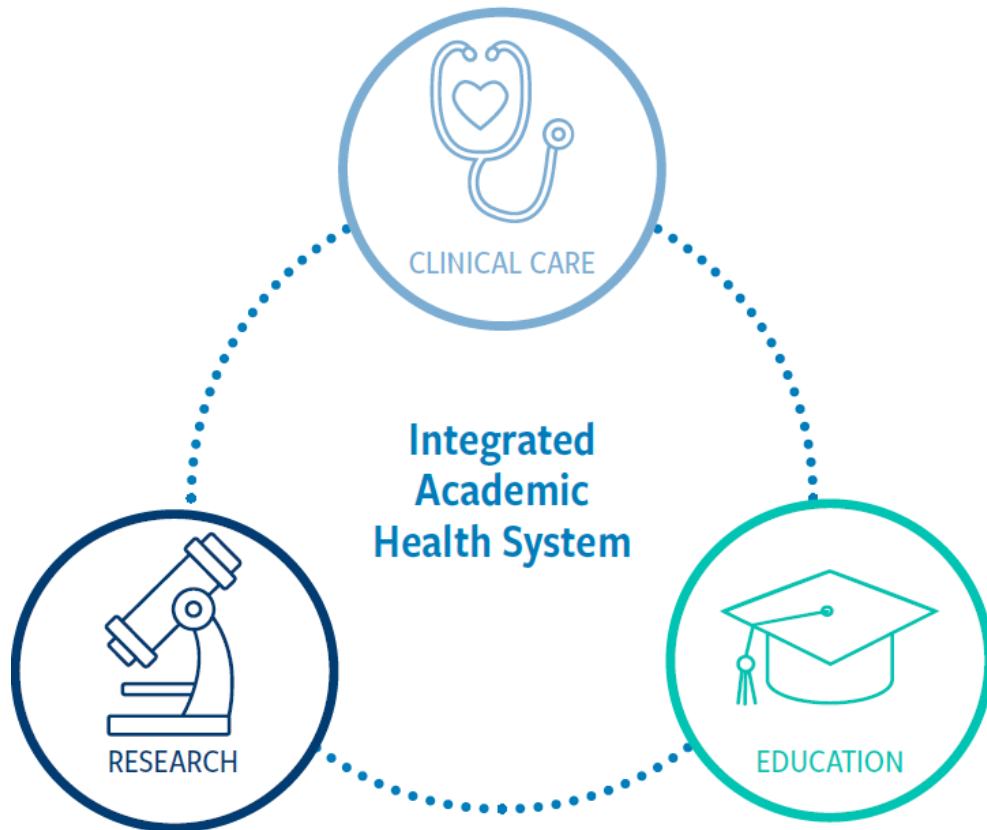
MBRU has formed a Values Council which will drive the values agenda of the University and ensure the MBRU family live and act the MBRU values daily, and work with a heart for service.



The Council, a first for any institute in the UAE, will draw members from its population—students, academics, and administrative representatives from across the University. The first order of business for the newly established unit is to put in place a framework for its set of values that can be defined into observable, tangible, and measurable parameters that ensure that the signature culture of MBRU is consistently maintained.

MBRU Values Council





Preparing for the next 50

MBRU seeks to create an integrated academic health system (AHS) in the UAE through partnerships with private and public healthcare institutions locally, regionally and internationally. Since establishing the University, we have strived to be responsive in many areas by developing and strengthening collaborations with international academic and clinical partners to enrich our students' academic journey and improve healthcare.



Clinical Affiliates and Strategic Partners

ميديكلينيك
MEDICLINIC



Moorfields
Eye Hospital Dubai
A branch of Moorfields London



كليفلاند كلينك أبوظبي
Cleveland Clinic Abu Dhabi

Brought to you by Mubadala



دائرة الصحة
DEPARTMENT OF HEALTH



Al Jalila Children's
Specialty Hospital
الجيليلة للأطفال
المستشفى التخصصي

هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY



U= MEDICAL
Healthcare Development & Investment

SEHA
شركة أبوظبي للخدمات الصحية
Abu Dhabi Health Services Co. P.J.S.C.

المعروف
Knowledge

مستشفى فقيه الجامعي
Fakeeh University Hospital



مستشفى
دبي للأسنان
Dubai Dental
HOSPITAL



UNITED ARAB EMIRATES
MINISTRY OF HEALTH & PREVENTION



مدينة دبي الطبية
Dubai Healthcare City



وزارة التربية والتعليم
MINISTRY OF EDUCATION

New MOUs & Agreements



Governance @



Educational Institutions



서울대학교
SEOUL NATIONAL UNIVERSITY



جامعة
الملك سعود
King Saud University



Governmental Entities



مركز محمد بن راشد
للفضاء
MOHAMMED BIN RASHID SPACE CENTRE



AWQAF & MINORS
AFFAIRS FOUNDATION
Government of Dubai



Donors



SRG HOLDING LIMITED



GREEN COAST
ENTERPRISES

Al Mahmeed



AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION
ACCREDITED EDUCATION INSTITUTES
ENHANCING PATIENT SAFETY THROUGH SIMULATION
Accredited Education Institute

American College of Surgeons

MBRU was accredited as a Comprehensive Education Institute, a first in the UAE and only second in the region after King Saud University in Saudi Arabia.

UNITED ARAB EMIRATES
MINISTRY OF EDUCATION



UAE Ministry of Education

MBRU has been accredited as a **Low Risk (High Confidence)** institution by CAA.

MBRU was accredited after a thorough review in 2019 by the CAA review team for its license renewal application.



الهيئة السعودية للتخصصات الصحية
Saudi Commission for Health Specialties

Saudi Commission Accreditation

Full Institutional Accreditation obtained

MBRU is among 10% of health institutions worldwide that have obtained the full accreditation.



Mohammed Bin Rashid University of Medicine and Health Sciences

Through rigorous and independent data collection and analysis of performance metrics as set out in the QS Stars™ methodology, QS has rated Mohammed Bin Rashid University of Medicine and Health Science as a 3 Star institution.



MBRU has been awarded an overall rating of **3 Stars** by the QS World University Ratings 2019. We received **5 Stars** in Arts and Culture, and Facilities; and **4 Stars** in Internationalization. This is a testament to the hard work and dedication by the MBRU family and a significant achievement for a new institution.

CATEGORY	STAR RATING
Teaching	
Employability	
Research	
Internationalization	
Facilities	
Arts & Culture	
Inclusiveness	
Program Strength: Dentistry	
Overall	



Professor Alawi Alsheikh-Ali,
Provost,
Dean of the College of Medicine,
Professor of Cardiovascular Medicine

Education with impact

Building on the successful foundations achieved since MBRU's inception, and in support of the National Advanced Sciences Agenda 2031's priorities to build national capacity and address health challenges in the UAE, the university is launching new programs. The newly established College of Nursing & Midwifery will offer Cardiovascular and Pediatric Nursing specialties; these Master of Science (MSc) programs are designed to fulfill an identified need within Dubai and the wider UAE for specialist clinical nursing programs to support the healthcare needs of the region.

The Master of Science Programs in Nursing are offered for the first time in the region in partnership with Queen's University Belfast (QUB) and the National Health Service (NHS) in UK. Through its unique partnership with QUB, MBRU secured clinical rotations for the nurses for 3 months in Belfast, UK, as an integral part of the program. Additionally, the Master of Science (MSc) in Biomedical Sciences program under the College of Medicine, is designed to allow students to acquire a variety of research skills that cater to their aspirations and the expressed needs of relevant institutions in the UAE. All programs are accredited by the UAE's Ministry of Education.



Our Programs



Education @



🏛️ College of Medicine

- 🎓 Bachelor of Medicine and Bachelor of Surgery
- 🎓 MSc in Biomedical Sciences

🏛️ College of Nursing and Midwifery

- 🎓 MSc in Cardiovascular Nursing
- 🎓 MSc in Pediatric Nursing

🏛️ Hamdan Bin Mohammed College of Dental Medicine

- 🎓 MSc in Endodontics
- 🎓 MSc in Prosthodontics
- 🎓 MSc in Periodontology
- 🎓 MSc in Pediatric Dentistry
- 🎓 MSc in Orthodontics





MBRU has launched a new college and four new programs.

New College

College of Nursing & Midwifery

New Degree Programs

Degrees

Master of Science in Cardiovascular Nursing - College of Nursing & Midwifery

Master of Science in Pediatrics Nursing - College of Nursing & Midwifery

Master of Science in Biomedical Sciences - College of Medicine

Other Programs

Dental Internship Program in Dubai- Hamdan Bin Mohammed College of Dental Medicine

Our Faculty and Staff



Education @



61
Faculty

1555
Staff

28

Nationalities



18%

UAE Nationals



49%

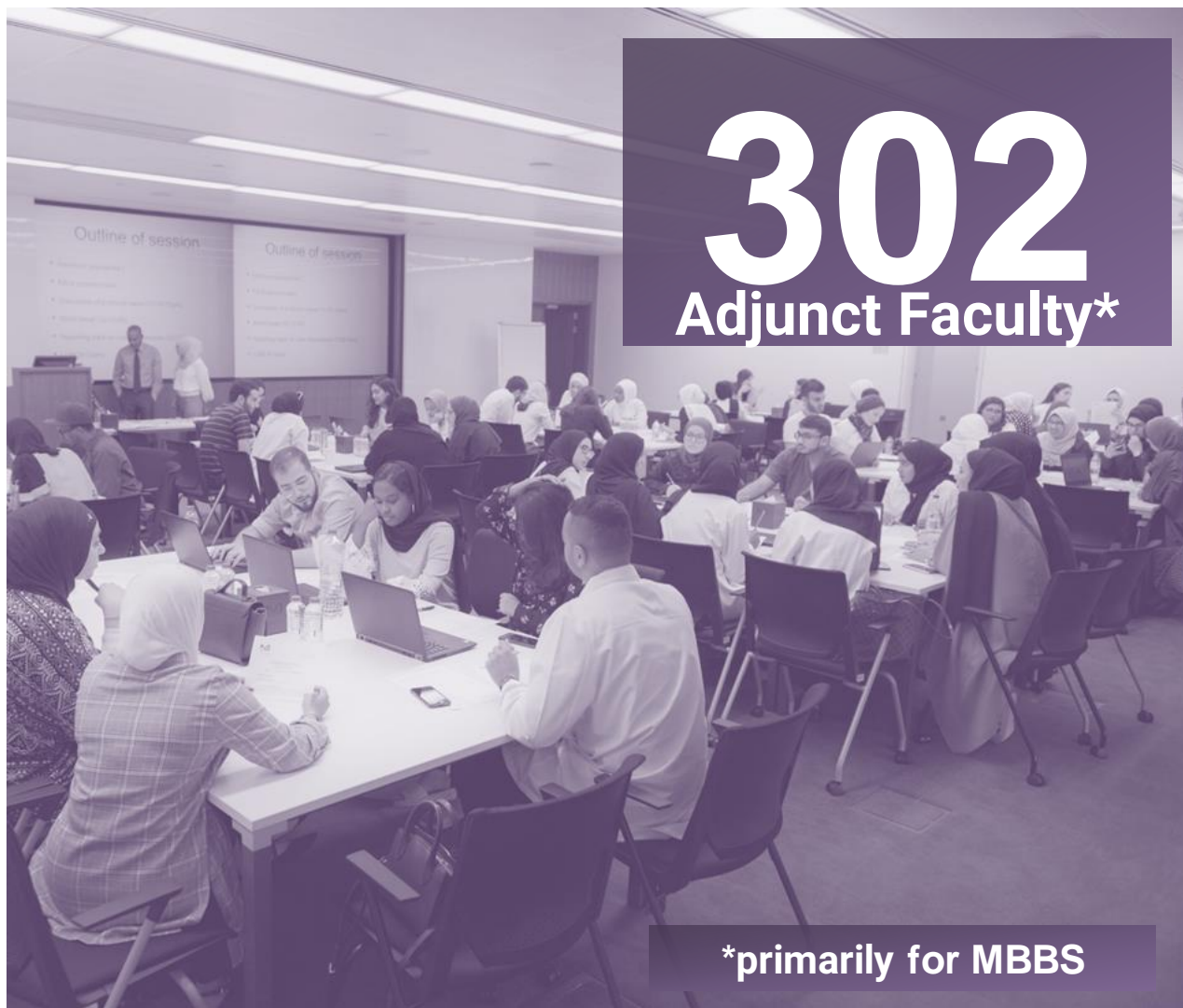
Women



Our Adjunct Faculty



Education @



302
Adjunct Faculty*

*primarily for MBBS

ميديكlinik
MEDICLINIC



QUEEN'S UNIVERSITY BELFAST



**UNITED ARAB EMIRATES
MINISTRY OF HEALTH & PREVENTION**



Moorfields Eye Hospital Dubai
A branch of Moorfields London



**Al Jalila Children's
Specialty Hospital**

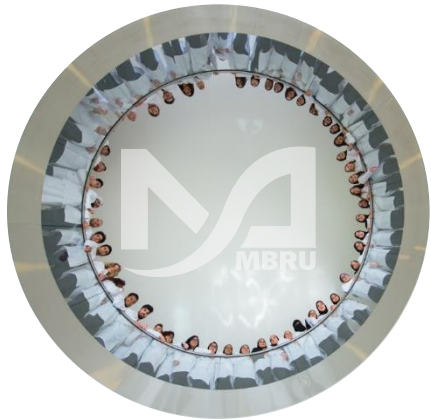
الجيلية للأطفال
المستشفى التخصصي

هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY



The Fourth White Coat Ceremony for the Class of 2025

MBRU welcomed its fourth cohort of students to the Bachelor of Medicine and Bachelor of Surgery program in the presence of H.E. Sarah bint Yousif Al Amiri, Minister of State for Advanced Sciences.





MBRU – Al Jalila Children’s Specialty Hospital



Al Jalila Children's Speciality Hospital (AJCH) is the first dedicated children's hospital in the United Arab Emirates. The state-of-the-art medical facility was created under the directives of His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE, and Ruler of Dubai.

The Al Jalila Children's Speciality Hospital Pediatric Residency Program and the Al Jalila Children's Child and Adolescent Psychiatry Fellowship Program were created in conjunction with the Mohammed Bin Rashid University of Medicine and Health Sciences (MBRU).

Through such collaborations, our mission is to advance health in the region through innovative and integrated academic health systems. Specialized training programs and partnerships will be able to strengthen the journey of medical students and healthcare professionals by providing them with programs starting from undergraduate to specialization and continuing education.

	18/19	19/20
Pediatric Residency	5	4
Child and Adolescent Psychiatry Fellowship	2	1

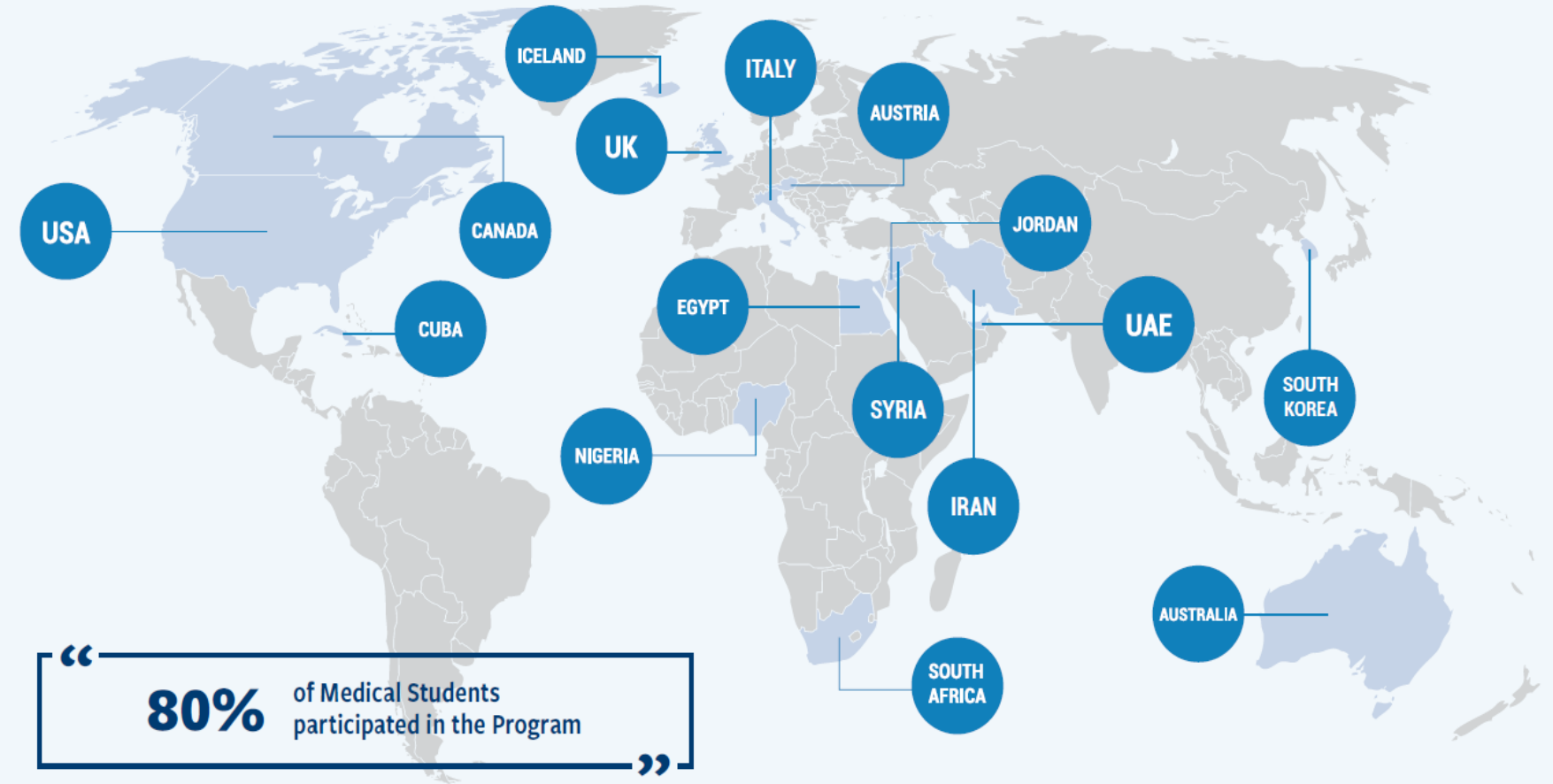


Nurturing Global Citizens

The MBRU-Summer Scholars' Program (SSP) is an innovative flagship program developed by and implemented at MBRU. Through this program, undergraduate medical students at MBRU are offered enriching, cross-cultural experiences, away from the classroom setting early-on in their educational journeys.

The MBRU-SSP relies on the institution's continuous quest to develop sustainable collaborations with various local and international stakeholders.

47 Placement centers
16 Countries





Highlights 2019- 2020

All 5 Programs of HBMCDM were successfully reaccredited after a thorough review from the CAA

We launched a one-year Dental Internship Program

We restarted the Periodontology program

We conducted the first HBMCDM Advisory Board meeting

We held our first MBRU Alumni Day

We submitted the application for accreditation of Endodontics Program by the Saudi Commission for Health Specialties

We graduated a total of 29 students in a combined graduation ceremony

We obtained recognition status by the Kingdom of Bahrain's Ministry of Education

We received our first cohort of SEHA residents at HBMCDM



وزارة التربية والتعليم
MINISTRY OF EDUCATION



KINGDOM OF BAHRAIN
Ministry of Education

SEHA صحة
شركة أبوظبي للخدمات الصحية
Abu Dhabi Health Services Co. P.J.S.C

Dental Internship Program



Education @



Objectives of the Program

Enabling learners to get a unique opportunity to assume a variety of patient-centered care roles at Dubai Dental Hospital.

Allowing interns to gain thorough insights and experiences across the full spectrum of dental care



"Our new Dental Internship Program at Hamdan Bin Mohammed College of Dental Medicine (HBMCDM) and Dubai Dental Hospital is the first of its kind in Dubai. The program is unique in that it includes supervised practice in general dentistry, and rotations in endodontics, periodontology, prosthodontics, pediatric dentistry, orthodontics, oral surgery, and radiology. The program will give recent graduates a valuable opportunity to spend time and learn from international faculty, gain valuable practical skills, and enhance their knowledge in a state-of-the-art facility."

Professor Zaid Hani Baqain,

Dean of HBMCDM



مستشفى
دبي للأسنان
Dubai Dental
HOSPITAL





The **3rd** graduation ceremony, since the inception of MBRU, took the total number of specialists graduated from HBMCDM to **102**, of which **60%** of the alumni-body are UAE Nationals.

Our Alumni



Education @



YEAR OF TOLERANCE عام التسامح



14

New Graduates
in AY 2019/2020



102

Total number of Alumni
in AY 2019/2020



60%

UAE Nationals

Our Alumni

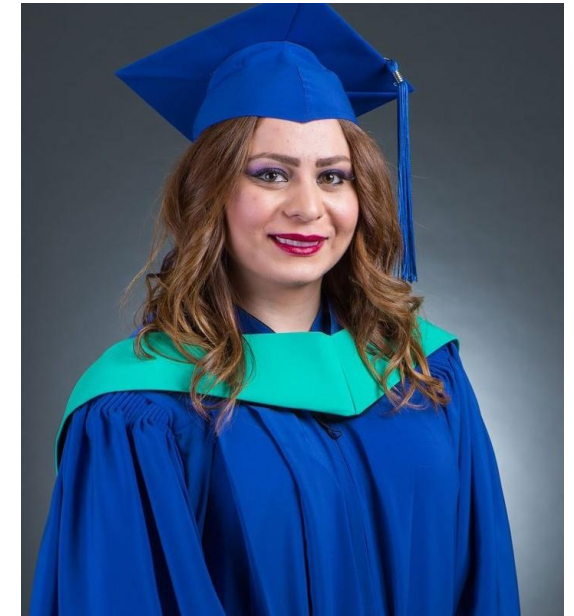


Education @



Dr. Fadi Elshafee, Dr. Mohamed Hasab Elrasoul Ali Mohamed, and Dr. Marwa Jameel Ahmed Salman Ahmed obtained their Membership in Orthodontics from the Royal College of Surgeons of Edinburgh (MOrth RCSEd), a specialist membership diploma.

Dr. Sara Al Hammadi obtained her Membership in Prosthodontics from the Royal College of Surgeons of Edinburgh (MPros RCSEd).



Dr. Heba Allah Madi got elected as Councilor-at-large of the Canadian Association for Dental Research and the Network for Canadian Oral Health Research National Student Research Group for a one-year term.



Dr. Fadi Elshafee



Dr. Mohamed Hasab Elrasoul Ali Mohamed



Dr. Marwa Jameel Ahmed Salman Ahmed

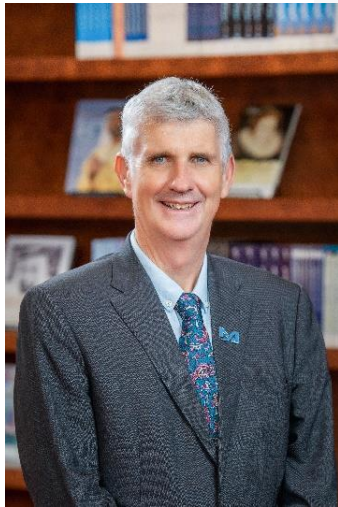


Dr. Sara Al Hammadi





“We are passionate about nursing and fully embrace the core values associated with the ‘caring profession’. The College of Nursing and Midwifery at MBRU is responsive to changing healthcare demands and actively engages in service development opportunities for nursing and midwifery services throughout the region. We believe that nurses and nursing are essential to the future of healthcare in the UAE and are proud to be instrumental in providing a range of continuing education programs for current and future nurses that ensures their employability and capacity for lifelong learning.”



Professor Kevin Gormley,
Dean of College of Nursing and Midwifery

Programs Overview:

Two programs:

- MSc in Cardiovascular Nursing
- MSc in Pediatric Nursing

Unique partnership with Queen’s University of Belfast and the Belfast Health and Social Care Trust

Twelve-week period of clinical nursing practice in the Belfast Health and Social Care Trust

30-credit MSc Clinical Nursing programs offered in two modalities:

- Full-time over 12 months (with a potential extension of 12 weeks to allow for dissertation completion)
- Part-time over 24 months (approximately 15 credits per year)

Programs include dissertation evidencing a critical and detailed review of innovative or emerging areas of the students’ professional work

Our Students’ Sponsors



UNITED ARAB EMIRATES
MINISTRY OF HEALTH & PREVENTION



مستشفى دانة الإمارات
Danat Al Emarat Hospital
النساء والأطفال WOMEN & CHILDREN



مؤسسة عيسى صالح القرقي الخيرية
EASA SALEH AL GURG
CHARITY FOUNDATION



The Al Maktoum Medical Library (AMML)



The Khalaf Ahmed Al Habtoor Medical Simulation Center (KHMSC)



The Surgical Skills laboratory



The Al Maktoum Medical Library (AMML)

The Al Maktoum Medical Library (AMML) plays a key role in supporting faculty, students and staff, as well as the wider medical community, by providing access to high-quality and authoritative information resources. The Library provides advanced services and resources to healthcare professionals & students via a membership and offers point-of-care resources, medical education databases, quiet study areas, individual and group study rooms, study lounges, meeting rooms and Information Commons.

Over 11,000 e-journals

Over 3,000 core medical texts

Over 10,000 e-books

Over 24 databases & e-resources



Learning Resources



Education @



Simulation Center

The Khalaf Ahmed Al Habtoor Medical Simulation Center (KHMSC) is an educational and training facility committed to improving patient safety through the delivery of simulation-based courses that are as authentic as possible. The simulation center showcases realistic hospital environments and a clinical skills lab. All the facilities can be easily reconfigured to simulate different hospital set-ups, and are equipped with audio-visual equipment for live networking, recording and playback options. Unique to this simulation center is the provision of having real medical cases, which create a higher fidelity simulation experience.

The center provides the following facilities:

Ambulance

Emergency Department with ambulance bay

Radiology room



Accreditations





The MBRU Design Lab Supported by Wasl

The MBRU Design Lab Supported by Wasl is an evolving space where students are empowered to move around and create their own content for learning rather than just memorizing facts delivered from faculty. The Design Lab hosts lectures and events to pursue and encourage innovation, including health design bootcamps, healthcare innovation seminars and workshops, and undertakes both faculty and student research projects while building communities of practice. The Lab's interests notably include improving the patient experience, satisfaction and safety, improving medical outcomes, changing lifestyle behaviors, educating innovators, rethinking processes and ultimately co-designing health solutions with patients and medical professionals.





Academic Year: 2019-20

368
Total students

39

Nationalities



36%

UAE Nationals



73%

Women





MEMBERS OF THE STUDENT COUNCIL 2019-2020

ABOVE (from left to right): Maryam Al Abaidli - President, Mustafa Abdalla - Vice-president, Sameera Hajjama - Treasurer, Hind Algergawi - Secretary, Moza Al Ali - Well Being & Happiness, and Hind Alawadhi - Media & Communications Representative.



BELOW (from left to right): Hayat Al Mansour - Activities & Events Chair, Mai Abdelsalam - Representative, Hudaisa Ali - Chair of Clubs, Jana Al Anati - Chair of Clubs, Amog Narayanan - Representative, and Fatma Al Abaidli - Activities & Events Chair.



Student Life



Education @



Emirati Women's Day 2019



Sports Day 2019



Mental Health Week 2019





2019 National Day



**Happy
Birthday**

our Beloved UAE



Student Clubs



Education @



Clubs Fair 2019



MBRU Clubs Corner



Health Awareness Club



Art Club



Atlas Club



Language Club



Media Club



Radiology Club



Interest Groups



Journal Club



Reach Club



Sports Club

Student Life in COVID-19



Education @



Student Life



Virtual Edition





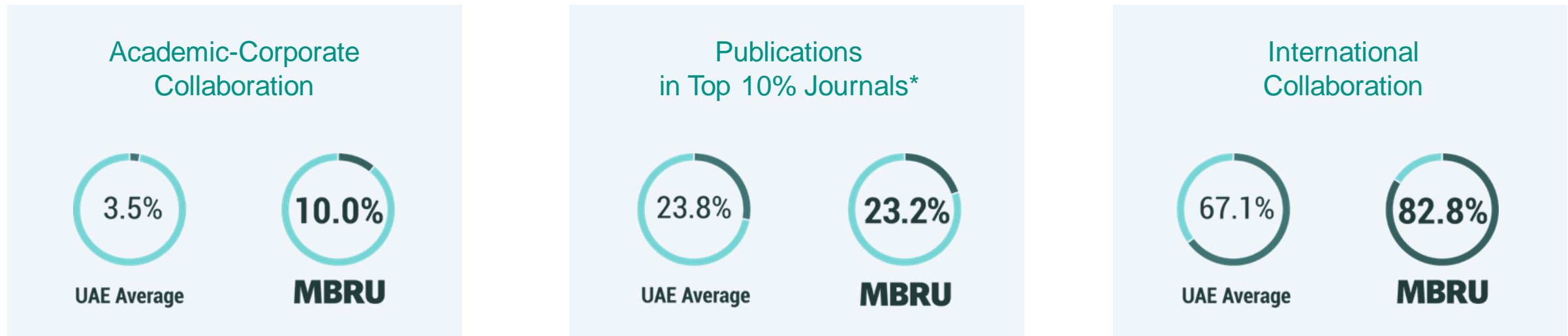
Pioneering Research

MBRU aims to become a global hub for innovative and integrated healthcare education and research at the service of humanity. Research is one of the key pillars of the University's innovative strategy known as the 411 strategy. Since its establishment, MBRU has published more than 400 peer-reviewed publications in world-renowned journals in medicine and dentistry, including Nature Neuroscience, Scientific Reports, and the British Dental Journal. The publications varied in topics from genomics to public health. MBRU has managed to secure an excess of AED 15 Million in internal and external research grant funding.





Quality Metrics of MBRU Publications



*by SJR



External Grants Awarded

20

Awards

~ 8.2M AED

Internal Grants Awarded

48

Awards

~ 7.7M AED

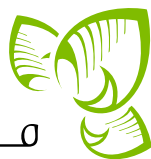
Awarding Bodies



Research @



مؤسسة الجليلة
AL JALILA FOUNDATION



CENTER FOR GLOBAL
HEALTH DELIVERY-DUBAI
HARVARD MEDICAL SCHOOL



Sheikh Hamdan Bin Rashid Al Maktoum
Award for Medical Sciences

AMGEN



THE TERRY FOX
FOUNDATION

MBRU-Al Mahmeed
COLLABORATIVE RESEARCH AWARD 2020

Collaborating Institutions

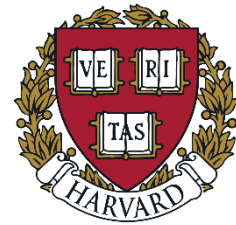
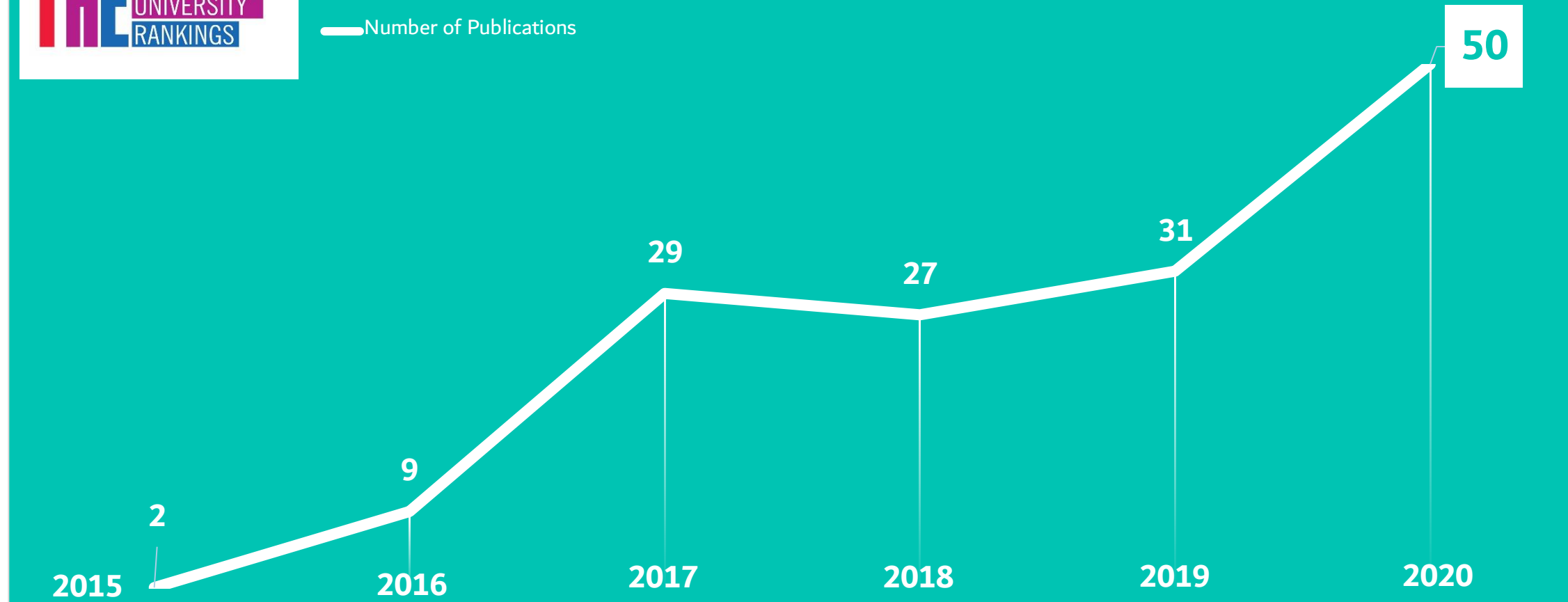


Research @



RESEARCH COLLABORATIONS WITH TOP 200 UNIVERSITIES

— Number of Publications



Some of our Collaborators



UNIVERSITY OF OXFORD



Queen Mary University of London



Manchester University



UNIVERSITY OF LEEDS



UNIVERSITY OF COPENHAGEN



EMORY UNIVERSITY



MBRU launched the 3rd cycle of grant applications to MBRU- AlMahmeed research awards furthering health and biomedical science for researchers locally & globally

The MBRU– AlMahmeed Collaborative Research Award offers grants worth **AED 300,000** for laboratory-based projects and **AED 150,000** for non-laboratory-based projects



Launch of the MBRU-AlMahmeed Collaborative Research Award, made possible by a generous contribution from Emirati cardiologist, Dr. Wael AlMahmeed, has drawn global collaborative proposals. Dr. AlMahmeed was the first to receive the 'Mohammed bin Rashid Award for Investing in Scientific Research' by His Highness Sheikh Mohammed Bin Rashid Al Maktoum, in recognition of his efforts in support of research and the scientific community in the UAE.

The Award's grant, which totals AED300,000 for laboratory-based projects and AED150,000 for non-laboratory projects, will be assigned to proposals that contribute to basic, translational, clinical and public health research. Projects contributing to cancer biology, mental health, and cardio-metabolic disease (including diabetes and obesity) research have been marked as a priority for the funding.

Dr. Wael AlMahmeed said,

I am happy to hear about the announcement of the third cycle of this award. I am pleased with the progress of the winners of the previous 2 cycles. COVID-19 has pushed medical research to the forefront of our lives, so I hope we get some excellent proposals this year.





MBRU Research Center

Al Jalila Foundation has partnered with MBRU dedicating a full floor for MBRU's research activities at the Mohammed Bin Rashid Medical Research Institute.

Mohammed Bin Rashid Medical Research Institute, an initiative of Al Jalila Foundation, is a world class biomedical research institute strategically located in the heart of Dubai Healthcare City next to MBRU, ensuring seamless collaboration in the academic, healthcare and scientific community.



The MBRU Research Center is located at the 7th floor of the Mohammed Bin Rashid Medical Research Institute, an initiative of Al Jalila Foundation



Mohammed Bin Rashid Medical Research Institute – Al Jalila Foundation



The Annual Student Research Day showcased more than 50 research posters by our dental postgraduate and medical students.



Our Year-4 student **Mariam Elsaban** presented a collaborative poster about multi-disciplinary weight management program at the Obesity Update Conference held at the Royal College of Physicians in London, UK.

Mediclinic Research Day

Our Year-3 student, **Maryam Jafari** won 1st runner up poster presentation award at the Mediclinic 3rd Annual Research Day for her cross-sectional study on "Antimicrobial Resistance Patterns of Urinary Pathogens Among Adults in the United Arab Emirates between 2012-2018".



Student Awards for Research

1. Anan Mahmoud – First Place Winner Poster Presentation during placement at University College London, UK
2. Hemica Hasan – Second Place Winner at Summer Symposium Presentation at Queens University Belfast, UK
3. Abdul Rahman Khan – Third Place Winner at Summer Symposium Presentation at Queens University Belfast, UK
4. Mohannad Elgamal – Second Place Winner, Clinical Case Presentation at Kasr Al Ainy School of Medicine, University of Cairo, Egypt



Mayo Clinic, USA

Aya Akhras

- Goyal A, **Akhras A**, Wahood W, Alvi MA, Nassr A, Bydon M. Should Multilevel Posterior Cervical Fusions Involving C7 Cross the Cervicothoracic Junction? A Systematic Review and Meta-Analysis. World Neurosurg. 2019 Jul;127:588-595.e5.



Queens University Belfast, UK

Noor Adam

- Dutton LR, Hoare OP, McCorry AMB, Redmond KL, **Adam NE**, Canamara S, Bingham V, Mullan PB, Lawler M, Dunne PD, Brazil DP. Fibroblast-derived Gremlin1 localises to epithelial cells at the base of the intestinal crypt. Oncotarget. 2019 Jul 23;10(45):4630-4639



Brigham and Women's Hospital / Harvard University, Boston, USA

Mahmoud Azzeh

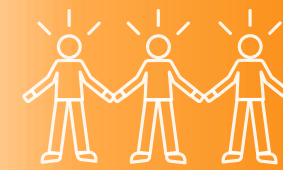
- Lu PW, McCarty JC, Fields AC, **Azzeh M**, Goldberg JE, Irani J, Bleday R, Melnitchouk N. The Distribution of Colorectal Surgeons in the United States. J Surg Res. 2020 Jul;251:71-77





GIVING BACK

- 108** Community engagement Events in 2019-20
- 52** Virtual and Online events (Post Covid 19)
- 36** Events on Campus
- 20** External Events



First Middle East Healthcare Social Media Summit

Dec 9 &10, 2019



“Stem Cell Therapy for Spinal Cord Injury” Professor Mohamed Bydon of Mayo Clinic

Jan 29, 2020



In partnership with



MAYO CLINIC



1st Alumni day – Feb 11, 2020





MBRU joined forces with Mayo Clinic and the American Hospital Dubai to host the first Middle East Healthcare Social Media Summit.

Organized by Mayo Clinic in partnership with MBRU and the American Hospital Dubai, the Summit brought together healthcare providers and decision makers spanning various sectors to analyze the impact of social media on healthcare and chart the best way forward.



MIDDLE EAST HEALTHCARE SOCIAL MEDIA SUMMIT 2019

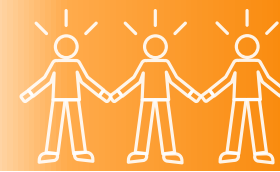


The event included a two-day conference held from 9-10 December featuring several speakers from the UAE and representatives from Saudi Arabia, Ireland, New Zealand and the United States; as well as an optional pre-conference workshop that took place on the 8th of December called Mayo Clinic Social Media Residency, which provided advanced training and consultation for those interested in practical assistance in applying social media tools in their health-related work.

The panelists at the Summit said online communities are critical for the advancement of the practice of healthcare. Dr. Amer Sharif, MBRU's Vice Chancellor said the Summit provided a great opportunity to promote the exchange of knowledge and expertise between doctors and medical institutions that have made significant contributions to the healthcare sector.

Dr. Amer expressed his gratitude to everyone who contributed to the success of the Summit, especially to Mayo Clinic for choosing to host the event at MBRU and the American Hospital in Dubai for its support.





DOCTORS WHO INSPIRE

Al Maktoum Medical Library organized the Living Books Event under the theme “Doctors who Inspire”.

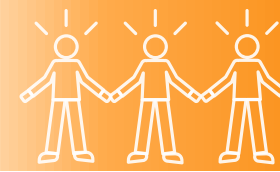


Living Books



The event provided a career guidance platform for MBRU students to meet and learn from six physicians who are experts in their own discipline.

Community Service



Community
Engagement @



Dubai Dental Hospital (DDH), MBRU's clinical partner, conducted a dental awareness campaign during the summer camp organized by Dubai Cares. The summer literacy camp hosted children from underprivileged families in the UAE in celebration of the Year of Tolerance. The dental campaign targeted youngsters between the ages of 6 to 12 years old to increase their awareness about dental and oral health.

A total number of 181 children were screened by a dentist and a hygienist from DDH to identify their dental health needs. Most of the children were found to be at high-risk for caries and gum disease.

Dental Screening and Oral Health Awareness Campaigns were held at various locations including:

EMPLOYEE SOUK DEWA STORE

TARKHEES

UPTOWN MIDRIFF SCHOOL

AL WASL

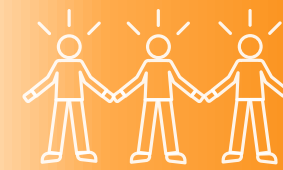
MEDICAL AESTHETIC EXHIBITION

AJCH DUBAI FITNESS CHALLENGE 30X30

TEDDY BEAR DENTAL HOSPITAL



مستشفى
دبي للأسنان
Dubai Dental
HOSPITAL



MBRU'S PROFESSOR OF SURGERY PERFORMS PIONEERING SURGERY AT MEDICLINIC TO TREAT RARE SWALLOWING DISORDER

MBRU's Professor of Surgery and Associate Dean of Innovation and the Future, Homero Rivas, has pioneered a medical first at Mediclinic City Hospital in Dubai, performing a complex Peroral Endoscopic Myotomy (POEM) surgery to treat a patient with an uncommon swallowing disorder.

The patient, a man in his 30s, was suffering from Achalasia, an atypical condition that affects only three in every 100,000 people where the esophagus is unable to move food into the stomach. The man was unable to swallow food, surviving only on liquids.

Professor Rivas, one of a paucity of doctors to have performed the surgery around the world, was lead surgeon for the ground-breaking

POEM procedure at Mediclinic City Hospital. This latest innovation in endoscopic surgery is a non-invasive procedure whereby there are no incisions in the chest or abdomen and involves an endoscope inserted through the mouth.

The ground-breaking surgery serves as the latest milestone for MBRU in its mission to improve health in the UAE and beyond through an integrated academic health system through partnerships with private and public healthcare institutions on a local, regional and international level.



“ *This type of disorder is extremely rare and there's no known reason as to why it happens. The myotomy is a non-invasive procedure. We divide the circular muscle fibres around the esophagus, which are the ones that cannot relax, preventing food to reach the stomach. By cutting those fibers, we release the pressure and patients usually feel immediate relief when swallowing.* ”

Professor Homero Rivas





MBRU Organ Transplant Program

The first successful kidney transplant surgery in Dubai in 2016 resulted in the launching of the MBRU's Organ Transplant Program. Through the Program, the University and its partners aim to help those who suffer from kidney failure in the UAE by increasing the number of kidney transplantations, and ultimately alleviating the suffering of those individuals and improving their quality of life.

As of September 2020, the program has performed **12 kidney transplants** in the UAE. Four kidney transplants took place at the **Al Jalila Children's Specialty Hospital** and eight kidney transplants at **Mediclinic City Hospital**.





Investing in the Future

Through deep-rooted commitment to education, research, and clinical practice, MBRU plays a key role in preparing tomorrow's leaders in medicine and health sciences, and in contributing to the global reputation of the United Arab Emirates (UAE) while delivering significant local impact.

As part of our Emiratization strategic pillar, we focus on "Capacity Building", where UAE citizens are supported to join our student, and Faculty and Staff bodies.

We focus on enrolling Emirati citizens into our academic programs and we are steadfast in our objective to develop their capacity in order to better equip and qualify them for a career in the wider healthcare sector. As of August 2020, 60% of graduates, 36% of students, and 18% of the university's staff are Emirati.

MBRU has also successfully attracted talented UAE Nationals to its faculty body, including **Dr. Hanan Al Suwaidi**, Assistant Professor in the College of Medicine, who was selected as UAE's First Flight Surgeon to look after the health and wellbeing of the Emirati Astronauts.



Making History



Dr. Hanan Al Suwaidi, Assistant Professor of Family Medicine & Director of Governance Office, at MBRU made history as the flight surgeon tasked with monitoring the health of Hazza Al Mansouri, the UAE's first astronaut during his ground-making mission to the International Space Station.

The UAE's 1st Flight Surgeon, she's highly experienced in clinical practice, healthcare administration, and health policy and regulation in both the public and private sectors. She earned her medical degree from UAE University and completed her postgraduate training in Family Medicine for which she is certified by the Arab Board and is a member of the Royal College of General Practitioners. She is a founding partner and a consultant Family Physician with United Medical, a physician led ambulatory care center in Dubai. During her tenure with the Dubai Health Authority, Dr. Hanan was instrumental in several strategic and operational initiatives for healthcare funding including the design and implementation of the first national government-based health insurance scheme in Dubai (SAADA).





Dr. Saif Al Hammadi

Clinical Operations Manager
at DDH



Dr. Saif Al Qassim

Assistant Professor of
Biochemistry

Post doctoral fellowship –
University of Pennsylvania



Fatma Humaid Alqutami

1st Emirati Research Assistant
at MBRU

MSc in Stem Cell Regenerative
Therapies from King's College
London



Developing Local Talent



Emiratization @



36%

STUDENTS

18%

STAFF

60%

ALUMNI



MBRUians

Dr. Reem Al Gurg, Dr. Laila Al Suwaidi, Dr. Hanan Al Suwaidi, and Dr. Sheikha Al Zaabi were selected for the **Commission for Academic Accreditation (CAA) Certified Reviewer Project**.

The (CAA) Certified Reviewer Project will ensure that our newly established programs, as well as existing ones, meet the expected quality of higher education in the UAE and internationally.



MBRU was awarded the **DHCA Excellence Award** for its contribution towards Emiratization



Team Leads in the COVID-19 Command & Control Center



Emiratization @



Professor Alawi Alsheikh-Ali

Chair of Scientific Advisory Group, Dubai COVID-19 Command and Control Center
Official spokesperson for Advanced Sciences in UAE
The UAE-UK Business Council (UUBC) - Co-Chair of the Healthcare & Life Sciences Working Group



Dr. Hanan Al Suwaidi

Testing Team Lead, Dubai COVID-19 Command and Control Center
UAE's First Flight Surgeon
Assistant Professor of Family Medicine
Director of Governance Office



Dr. Amer Al Zarooni

Supply Chain Team Leader, Dubai COVID-19 Command and Control Center
Deputy VC for Administration & Professional Services



Dr. Essa Kazim

Head of Hospital stream, Dubai COVID-19 Command and Control Center
Associate Professor of Surgery



Scope of Partnership



Quality Assurance

Governance

Development of College of Medicine

Development of College of Nursing & Midwifery

“MBRU was born out of a vision to create an innovative integrated healthcare education and research system that serves the UAE and beyond. Queen’s University has been an integral part of MBRU’s journey, and we are grateful for the partnership and commitment of our colleagues at Queen’s. We continue to look forward and break new ground.”

Isabel Jennings

Director of Marketing, Recruitment, Communications and Internationalization at Queen’s



External Scholarships



وزارة الصحة ووقاية المجتمع
MINISTRY OF HEALTH & PREVENTION



وزارة شؤون الرئاسة
MINISTRY OF PRESIDENTIAL AFFAIRS



وزارة التربية والتعليم
MINISTRY OF EDUCATION



H.H. THE RULER'S COURT



هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY



SEHA صحة
شركة أبوظبي للخدمات الصحية
Abu Dhabi Health Services Co. P.S.C.

ديوان ولي العهد
CROWN PRINCE COURT
Emirate of Abu Dhabi
إمارة أبوظبي



Office of His Highness
Sheikh Hazza Bin Zayed Al Nahyan



مكتب
سمو الشيخ حزام بن زايد آل نهيان

مؤسسة الجليلة
AL JALILA FOUNDATION



الإمارات العربية المتحدة
حكومة الفجيرة
UNITED ARAB EMIRATES
GOVERNMENT OF FUJAIRAH



AWQAF & MINORS
AFFAIRS FOUNDATION
Government of Dubai



مؤسسة عيسى صالح القرق الخيرية
EASA SALEH AL GURG
CHARITY FOUNDATION



الخليج للأدوية
GULFDRUG

Internal Scholarships



Siblings Discount



Homat Al Watan



Future Doctors



Jood



The **Research, Teaching, and Hidden Star** award categories were named after three instrumental members of the MBRU family to honor their legacy, celebrate their commitment to excellence, and to encourage others to follow in their footsteps



1st EXCELLENCE PROGRAM AWARDS

Riad Bayoumi
Excellence in Research Award



1st EXCELLENCE PROGRAM AWARDS

Alia Saif
Hidden Star Award



1st EXCELLENCE PROGRAM AWARDS

Mutairu Ezimokhai
Excellence in Teaching Award



MBRU's 1st Excellence Award

To promote and recognize excellence among our community members as well as recognize and reward individuals and groups who have contributed to our mission, we launched the MBRU Excellence Award, a distinguished award that acknowledges outstanding staff, faculty and adjuncts.

There are six award categories which look at research, teaching, innovation, community engagement, hidden star:

- The Riad Bayoumi Excellence in Research Award*
- Mutairu Ezimokhai Excellence in Teaching Award*
- Innovation Award*
- Community Engagement Award*
- Excellence Staff Award*
- Alia Saif Hidden Star Award.*



1st MBRU Excellence Awards

Congratulations to all the Winners



MBRU Honors Employees at the

★ ★ ★ ★ 1st MBRU Excellence Awards ★ ★ ★ ★

• Congratulations to all our winners and shortlisted participants

THE MUTAIRU EZIMOKHAI EXCELLENCE IN TEACHING AWARD



Dr. Manal Al Halabi



Professor Ritu Lakhtakia

THE RIAD BAYOUMI EXCELLENCE IN RESEARCH AWARD



Dr. Eleftherios Kaklamanos



Dr. Mohammed Uddin



Rania Nassar

THE INNOVATION AWARD

The Multiple-mini Interviews Team



Anne-Marie
John-Baptiste



Dina Hegazy



Professor Ibrahim Inuwa



Jalal Mohamadeya



Helen Henderson

THE ALIA SAIF HIDDEN STAR AWARD



Noah Okoth



Sreejith Veettil



Connie Jose



Marichelle Foronda

THE COMMUNITY ENGAGEMENT AWARD



Dr. Laila AlSuwaidi



1st MBRU Excellence Awards Ceremony

March 3, 2020



☆☆☆☆ EXCELLENCE AWARD WINNER ☆☆☆☆

SHORTLISTED

Samira Al Salehi	Mawlood Kawash	Sharon Mascarenhas
Yajnavalka Banerjee	Norbert Nowotny	Alia Saif
Reem Jan	Saba Heialy	Anas Al Salami
Shroque Zaher	Tom Loney	Farah Otaki
Abiola Senok	Shaza Asfari	Mazin Al Jabiri
	Jeylal Jeyaseelan	





The **MBRU** family
OR AT LEAST PART OF IT, WE ARE A LOT MORE...

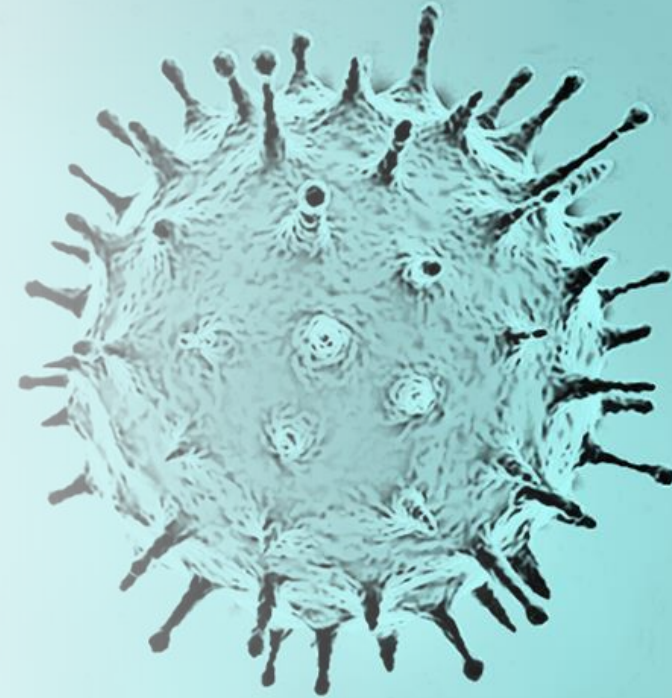
Sustainability

Special Section



MBRU Preparedness & Contributions to tackle COVID-19 Pandemic

#InThisTogether
#We_Are_All_Responsible



“The coronavirus spread has shown that **healthcare is the main power** that shapes the economy and politics **at a time when a disease brought nations to a standstill.**”

HH Sheikh Mohammed Bin Rashid Al Maktoum
UAE Vice President and Prime Minister, and Ruler of Dubai

10th of April 2020



Internal Response & Adaptability

#InThisTogether
#We_Are_All_Responsible



MBRU COVID-19 Task Force created and convened on March 1, 2020



Staff & Faculty working from home



Business Continuity Plan delivered by all departments



Scenario Planning for the future conducted



Smart Learning Hub created to support digital education



Preparedness and Response plan completed



مركز التحكم والسيطرة
لمكافحة فيروس كورونا
COVID-19 Command and Control Center

MBRU leadership

Involvement of other Team Leads in MBRU

Headquarters of the Center were hosted on Campus

University facilities used for research & diagnostics

Projection modeling

Dubai establishes disease control centre



A- A A+

DUBAI, 30th March, 2020 (WAM) -- H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of Dubai Executive Council, has issued Executive Council 's Resolution No 18 of 2020 establishing the Center for Coronavirus Control under the chairmanship of Dr Amer Ahmed Al Sharif.

COVID-19 Command and Control Center

The Dubai COVID-19 Command and Control Center was established by His Highness Sheikh Hamdan Bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council, to ensure all sectors are aligned entities from the field of healthcare and multiple pivotal sectors are aligned with the Dubai Government's efforts to tackle the COVID-19 outbreak.

The Center which was launched in March of 2020, headed by **Dr. Amer Sharif**, Vice Chancellor of Mohammed bin Rashid University of Medicine and Health Sciences (MBRU), is responsible for setting an integrated roadmap to deal with COVID-19, which can be deployed in a rapid manner, in collaboration with the leading health specialists in the emirate. The Center reports to Dubai's Supreme Committee for Crisis and Disaster Management.

The Center's members also included from MBRU **Professor Alawi Alsheikh-Ali**, Provost, Dean of the College of Medicine, **Dr. Amer Al Zarooni**, Deputy Vice Chancellor- Administration and Professional Services, **Dr. Hanan Al Suwaidi**, Assistant Professor - Family Medicine, College of Medicine, and **Dr. Essa Kazim**, Professor - Surgery at the College of Medicine.

مركز التحكم والسيطرة لمكافحة فيروس كورونا COVID-19 Command and Control Center



Headquarters of the Center were hosted on MBRU Campus

HH Sheikh Mohammed Bin Zayed Virtual Majlis



مجلس محمد بن زايد

MAJLIS MOHAMED BIN ZAYED

نقفُ معاً: استجابة الرعاية الصحية لكوفيد-19

Standing Together: Our Healthcare Response to Covid-19

البروفيسور د. علوي الشيخ علي
طبيب وباحث واستشاري
في أمراض ونظم القلب

Professor Alawi Alsheikh-Ali
Clinician, Researcher & Consultant
Cardiac Electrophysiologist

د. توم لوني
بروفيسور متخصص في علم الأوبئة

Dr. Tom Loney
Associate Professor,
Public Health and Epidemiology

معالي عبدالرحمن بن محمد العويس
عضو مجلس الوزراء، وزير الصحة ووقاية
المجتمع، ووزير الدولة لشؤون المجلس
الوطني الاتحادي

H.E. AbdulRahman Bin Mohammed Al Owais
Minister of Health and Prevention,
Minister of State for Federal National Council



د. توم لوني
Dr. Tom Loney
بروفيسور متخصص
في علم الأوبئة
Associate Professor, Public
Health and Epidemiology



البروفيسور
د. علوي الشيخ علي
طبيب وباحث
واستشاري في أمراض
ونظم القلب
Professor
Alawi Alsheikh-Ali
Clinician, Researcher
& Consultant Cardiac
Electrophysiologist

Community Immunity Ambassadors

#InThisTogether
#We_Are_All_Responsible



1,000,000+ Participants



More than 1 Million Participants Sign Up for MBRU's Online Course

MBRU has taken a leading role in informing global communities on methods of prevention and controlling the spread of COVID-19 with an innovative online program, the **MBRU Community Immunity Ambassador Program**.

The novel program has drawn an incredible global response, with more than a million people across the world signing up to become MBRU Community Immunity Ambassadors.

A Million Ambassadors and more ...

#InThisTogether
#We_Are_All_Responsibile



4 e-courses launched

More than 1 million participants worldwide

5 languages for the first course (Arabic, English, French, Bengali, Urdu)



UNITED ARAB EMIRATES
MINISTRY OF HEALTH & PREVENTION

ABU DHABI PUBLIC HEALTH CENTRE | مركز أبوظبي للصحة العامة



دائرة الصحة
DEPARTMENT OF HEALTH



هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY



Happy UAE السعادة الإماراتية

Community Awareness: e-courses

#InThisTogether
#We_Are_All_Responsible



COVID-19

Free

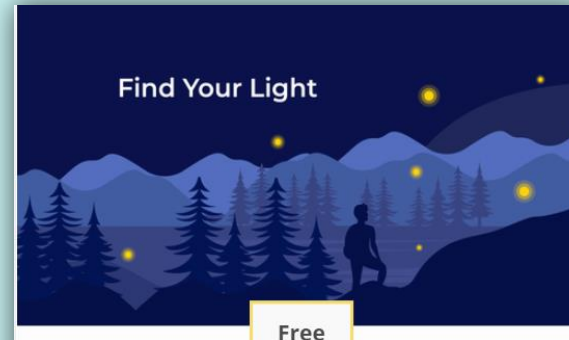
Let's Break the Chain of COVID-19 Infection



COVID-19 CHAMPION

Free


Let's Gear Up to Volunteer and Defy COVID-19



Find Your Light

Free

Find Your Light: Compassion and Connectedness in the Time of COVID-19



Free

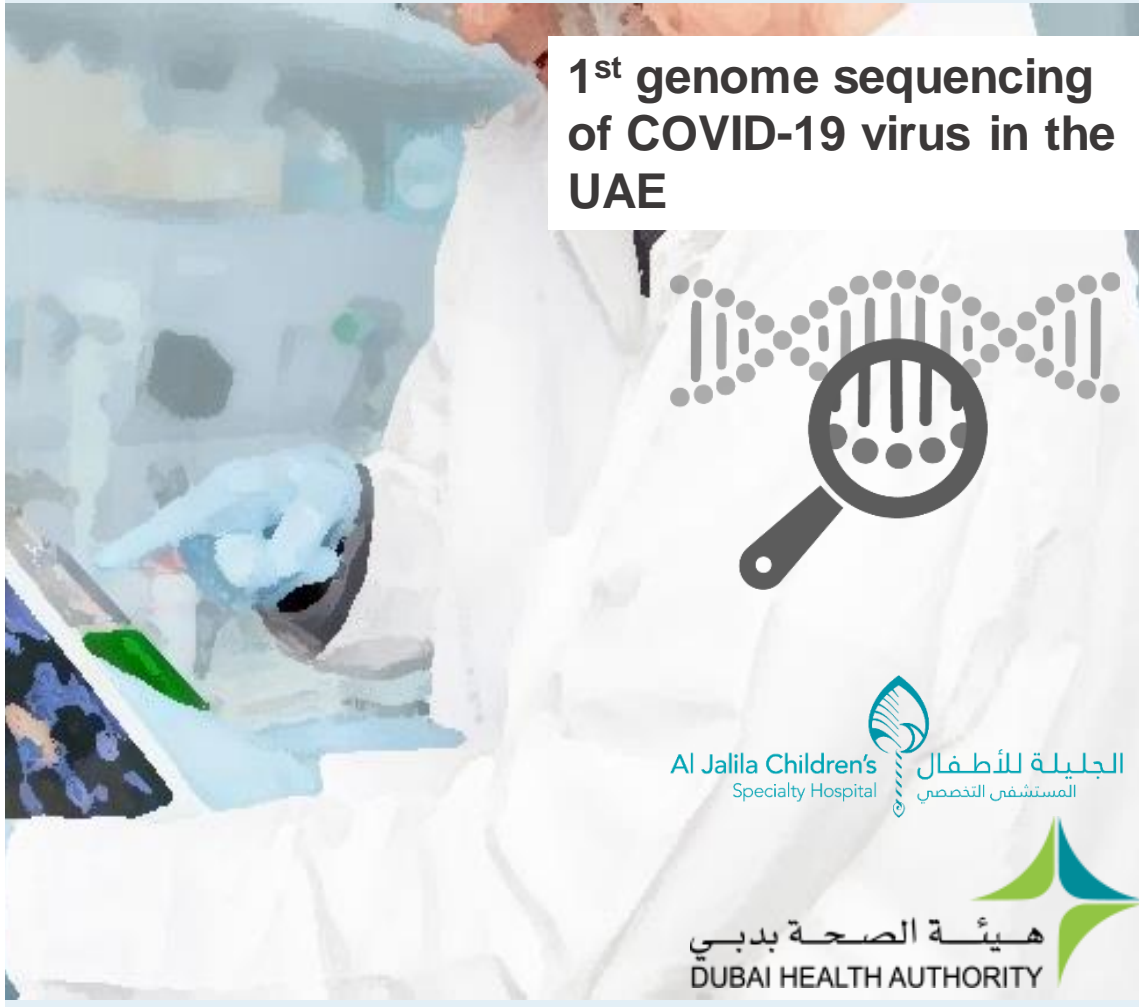
Let's Prevent and Control COVID-19 Infection in Dental Practice

The first course of MBRU Community Immunity Ambassador program sensitizes people to the chain of infection, details how infectious diseases are transmitted, and puts forward solutions to break the chain of infection through concrete preventive actions. Successful completion of the course results in the user receiving a certificate as an MBRU Community Immunity Ambassador.

The second course guides volunteers aiding the fight against the pandemic with detailed knowledge about the virus, how it spreads, and what precautions are needed to protect oneself and others on the frontline. The course was developed in partnership with the Abu Dhabi Public Health Centre and endorsed by the Ministry of Health & Prevention, Dubai Health Authority and Department of Health in Abu Dhabi.

Developed in partnership with the National Program for Happiness & Wellbeing, 'Find Your Light' is the third course in the program, which teaches specific techniques to increase self-awareness, normalize emotions, and support overall wellbeing as the world grapples with uncertainty.

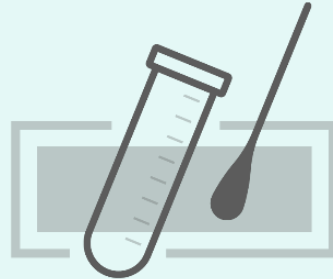
Following the overwhelming success of the program, MBRU in collaboration with Dubai Dental Hospital, MBRU's clinical affiliate which serves as the teaching hospital for the Hamdan Bin Mohammed College of Dental Medicine, has launched a fourth course focused on dental professionals providing guidance and best practice to prevent the spread of the virus in dental clinics.



1st genome sequencing of COVID-19 virus in the UAE

Al Jalila Children's Specialty Hospital
الجيلية للأطفال
المستشفى التخصصي

هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY



The effectiveness of using saliva instead of the nasal swab to detect COVID-19

The research team from MBRU were joined by teams from Dubai Health Authority (DHA); Unilabs; Cleveland Clinic Abu Dhabi; New York University Abu Dhabi (NYUAD); and the National Reference Laboratory.

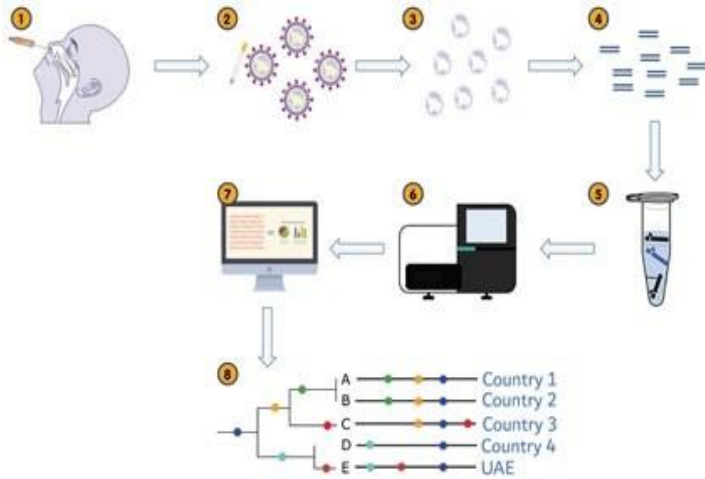


Antibody detection in frontliners

هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY

COVID-19 Genome Sequencing

#InThisTogether
#We_Are_All_Responsible



- 1 A nasal swab sample obtained from a COVID-19 patient
- 2 Sample containing SARS-CoV-2 transferred to lab
- 3 SARS-CoV-2 genetic material (RNA) isolated in the lab
- 4 The virus RNA is converted into double stranded DNA
- 5 The DNA is engineered and amplified to make a library of SARS-CoV-2 genome content
- 6 The SARS-CoV-2 genome library is sequenced to determine the combination of its A,G, C, T letters
- 7 The SARS-CoV-2 genome sequence is computationally assembled
- 8 The SARS-CoV-2 genome sequence obtained in UAE is compared to sequences from other countries to determine its origin (adapted from nextstrain.org).



Given Dubai's role and geographic location as a bridge between the East and the West, this information will also help in understanding how the pandemic has been spreading globally.

Dr. Ahmad Abou Tayon,

Associate Professor of Genetics at MBRU and Director of the Genomics Center at Al Jalila Children's



Dubai's COVID-19 Command and Control Center has announced the UAE's first full genome sequencing of the virus causing COVID-19. The successful sequencing of the virus from a patient in Dubai was performed by researchers (MBRU) in collaboration with the Dubai Health Authority (DHA) and Al Jalila Children's Specialty Hospital's Genomics Center.

The Genomics Center was launched by His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, in January of this year.

Recent studies show that the virus causing COVID-19 (known as SARS-CoV-2) changes its genetic code every two weeks on average. By studying the genetic sequence of the virus from many patients, scientists can get a better understanding of how the virus spreads, which can later inform measures to combat the virus.

Dr. Amer Sharif, Vice Chancellor of MBRU and head of Dubai's COVID-19 Command and Control Center said that completion of the genome sequencing procedure is proof of the effective collaboration between key entities in the healthcare sector in the fight against COVID-19.

COVID-19 Genome Sequencing

#InThisTogether
#We_Are_All_Responsibile



The genome sequencing procedure is a direct result of the collaborative work between academic and research institutions. As we're witnessing with this genome project having a proactive academic health system in place helps address challenges in the healthcare field that make significant changes in the scientific community which ultimately serves our communities. This new finding will provide great impetus to the scientific community on understanding and analyzing the COVID-19 virus, in our efforts to contain and stop the spread of this virus. With the expansion of the genome sequencing procedures across the UAE, we look forward to further developments from the scientific community that will strengthen the fight against the pandemic. The role our scientific community is playing is vital in informing policy locally and globally. Reiterating the words of H.H. Sheikh Mohammed bin Rashid, the world has long been questioning where the true power lies, the spread of COVID-19 has shown that healthcare is the main power that shapes economy and politics at a time when a disease brought nations to a standstill.



Dr. Amer Sharif
Vice Chancellor of MBRU and Head of Dubai's
COVID-19 Command and Control Center



The Dubai COVID-19 Command and Control Center was established by His Highness Sheikh



Hamdan Bin Mohammed Bin Rashid Al Maktoum, Crown Prince of Dubai and Chairman of the Executive Council, to ensure entities from the field of healthcare and multiple pivotal sectors are aligned with the Dubai Government's efforts to tackle the COVID-19 outbreak.

Community Awareness

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MBRU conducted a COVID-19 awareness session at the Dubai Media Office in March of 2020. The panel included MBRU's Provost and Dean of the College of Medicine, Prof. Alawi Alsheikh-Ali, Dr. Hanan Al Suwaidi, Assistant Professor of Family Medicine, Dr. Tom Loney, Associate Professor of Public Health and Epidemiology and Dr. Abiola Senok, Professor of Microbiology & Infectious Diseases. The one-hour session began with a presentation by Dr. Senok and concluded with a Q&A session.

MBRU participated in Dubai Media Office's #AskDXBDoctor campaign





#MBRUHacks COVID-19

MBRU organized a 3 days online hackathon in partnership with Sandoq Al Watan. 474 hackers took part with the support of 71 mentors

The winners are...

Bounceback : The platform utilizes machine learning algorithms and tokenization to identify, verify and provide immediate subsidy relief to vulnerable communities and individuals who have suffered financially from the global health crisis.

**BECOME THE NEXT HACKER
IN THE FIGHT AGAINST COVID-19**

#MBRUHacksCOVID19

19TH – 22ND APRIL 2020

AED 50,000 prize + **AED 25,000***
from Sandoq Al Watan

*TERMS AND CONDITIONS APPLY

صندوق
الوطن
SANDOOQ AL WATAN

**#InThisTogether
#We_Are_All_Responsible**





Human-beings, their ideas, innovations, dreams, and connections, are the future. Because where great minds go today, great things will happen tomorrow.

H.H. Sheikh Mohammed bin Rashid Al Maktoum
UAE Vice President and Prime Minister and Ruler of Dubai