EAA Andrology Training Centre

Centre Report

Andrology and Male Infertility Unit

Department of Urology
Hamad Medical Corporation
Doha Qatar

CENTRE REPORT

History of Centre

Hamad Medical Corporation (HMC) is the main provider of secondary and tertiary healthcare in Qatar and one of the leading hospital providers in the Middle East.

HMC manages 12 hospitals – nine specialist hospitals and three community hospitals – as well as the National Ambulance Service and home and residential care services.

In January 2016, HMC achieved the significant distinction of becoming the first healthcare system across the globe to have all its hospitals accredited by Joint Commission International under the Academic Medical Center accreditation program. Additionally, the National Ambulance Service, Home Healthcare Service, Stroke Service and Palliative Care, have all received this prestigious accreditation since 2011.

HMC is leading the development of the region's first academic health system – combining innovative research, top-class education and excellent clinical care – and is committed to building a legacy of healthcare expertise in Qatar. HMC collaborates with key partners who are experts in Qatar and beyond, including Weill Cornell Medicine-Qatar, the Institute for Healthcare Improvement and Partners Healthcare, Boston.

HMC is also the first hospital system in the Middle East to achieve institutional accreditation from the ACGME International LLC, which demonstrates excellence in the way medical graduates are trained through residency, internship and fellowship programs.

The Andrology and Male Infertility Unit at the department of Urology, HMC was established in 1999 to cope with the growing interest in providing a subspecialized expert service in this field of medicine. In 2009, a fellowship program was inaugurated. As the unit is the only subspecialized tertiary provider of Andrology/Male infertility in the state of Qatar, the busy, diverse flow of patients allowed fellows to achieve adequate medical and surgical experience before exiting the service. Five fellows graduated from the program and soon became recognized expert healthcare providers regionally.

Organization of Centre

Chief Medical Officer of HMC: Dr. Abdulla Al Ansari
Chief of Surgery: Dr. Mohamed Al Akkad
Head of Department of Urology: Dr. Khalid Al Rumaihi
Head of the Andrology and Male Infertility Unit: Dr. Sami AlSaid
Fellowship Program Director, Andrology and Male Infertility: Dr. Ahmad Majzoub

Educational activities

Faculty and fellows of the Andrology and Male infertility unit participate in daily morning meeting educational activities of the department of urology at HMC. Bimonthly Andrology/ Male infertility didactic sessions are conducted during which interesting cases and/or formal didactic sessions are presented and discussed.
The andrology and Male infertility unit has organized several international conferences and workshops on various topics including:

- The Second Genitourethral Reconstructive Live Surgery Workshop (April 2011)
- 3rd Qatar International Male Infertility Conference (February 2014)
- Advanced Workshop on Male Fertility and in Vitro Fertilization (November 2015)
- 3rd Genitourethral Reconstructive Live Surgery Workshop (November 2016)
- Seminology Workshop: everything you need to know about semen analysis (December 2016)
- Men's health Symposium (April 2017)

Between June 5, 2017 and January 5, 2021 (https://en.wikipedia.org/wiki/Qatar_diplomatic_crisis) there was a blockade on Qatar by several countries from the region which had an influence on the number and outreach of conferences that could be organized by the unit. However, several local men's health club meetings were conducted in addition to a live surgery workshop that was co-organized with the international society for sexual medicine; details below:

- Men's health Club meeting/Hypogonadism (March 2018)
- Men's Health Club Meeting /Obesity and Infertility (June 2018)
- Men's Health Club meeting/pelvic pain (April 2019)
- ISSM live surgical course (October 2019)

The COVID-19 pandemic had further impact on conference organization. However, recently we started to resume our educational activities with a recent 2 day hands-on course and live surgery workshop on penile prosthesis that was held on 12-13 May 2023.

Research activities

The Andrology and Male Infertility unit is very active in the field of research and have had many contributions in recent years. Research studies conducted by the unit are based on:
Basic Sciences

The unit is conducting two high quality studies exploring proteomic markers in patients with (1) non-obstructive azoospermia and (2) varicocele. These two studies received grants from the medical research center at HMC and are being conducted in the unit and the proteomic analysis is performed in the interim translational research institute at HMC.
The unit is also exploring the genetic predisposition to male infertility in Qatari population through conducting whole genome and whole exome sequencing for infertile men and their families. The objectives of the study include the following: (1) Establish the Fertility-IQ Biobank with 450 patients, linking to clinical/epidemiological data; (2) Identification of genetic causes of infertility by sequencing technologies; (3) Functional validation of >20 novel molecular causes using multiple approaches

Clinical Sciences
The unit has numerous clinical publications focusing on sperm DNA fragmentation, varicocele, oxidative stress, premature ejaculation and erectile dysfunction*. (see list of research publications)*

Clinical activities

1. ***Andrology service***: The andrology service is provided by three faculty members attending 6 clinics per week. About 60 patients are seen with 20 new referrals each week. Various sexual dysfunctions are usually managed in these clinics including but not limited to erectile dysfunction, peyronie's disease, premature ejaculation, post radical prostatectomy rehabilitation, late onset hypogonadism, delayed puberty among others. The andrology team also provides emergency consultation services to the Urology teams and are contacted to help in the management of cases such as penile fracture, priapism, penile debridement, calciphylaxis, penile trauma and other andrological conditions. The andrology team perform surgeries one day a week were penile prosthesis implantation, penile curvature management (plication, excision/grafting), partial and total penectomy, penile debridement, penile shunt surgery, repair of penile fracture as well as other elective andrology surgeries are performed.

2. ***Sexology:*** A certified clinical sexologist provides assessment for couples with sexual dysfunction and offers the required sex therapy for each specific etiology.

3. ***Male Infertility service:*** Six faculty members provide the male infertility service through 11 dedicated weekly clinics at the Ambulatory Care Center of HMC. >200 patients receive the service on weekly basis with about 10% of them being new referrals. These consultations are mainly for patients complaining of primary or secondary infertility in addition to cases of varicocele, testicular pain, undescended testes, hormonal disturbances and others. Surgeries are provided through two OR days *(Sundays and*

Thursdays) per week were a variety of cases are performed such as microsurgical subinguinal varicocelectomy, microsurgical reconstructive surgeries, orchiopexy, microsurgical spermatic cord denervation, transurethral resection of ejaculatory ducts, simple/radical orchiectomy, hydrocelectomy, spermatocelectomy epididymectomy,etc.

4. ***Andrology laboratory:*** A dedicated andrology lab is available at the male infertility unit. The lab is run by two andrology technicians who perform routine semen analysis according the WHO 10th edition standards. Additionally several advanced tests of sperm function are performed on daily basis including sperm DNA fragmentation (using the sperm chromatin dispersion test and TUNEL assay), antisperm antibodies analysis, and oxidative stress testing (using the oxidation reduction potential method).

5. ***Assisted Conception Unit (ACU):*** the ACU has recently undergone major refurbishments including relocation into one of Hamad bin Khalifa Medical City's buildings, which is interconnected with the Ambulatory care center and the Women Wellness and Research Institute (https://www.hamad.qa/EN/Hospitals-and-services/DORM/About-Us/Pages/default.aspx). The Unit is 2500 square meter and is designed according to the highest standards. It contains 6 IVF clinics, 6 infertility clinics, 3 OR rooms, 1 procedure room, a separate andrology laboratory with an attached sperm cryopreservation unit, an embryology laboratory divided into 6 zones: zone 1- cryopreservation & media handling, zone 2- embryo biopsy, zone 3- ICSI station, zones 4&5 – embryoscope and zone 6 – procedure area). The embryology lab is run by 18 personnel: 12 embryologists, 4 andrologists, chief embryologist / lab supervisor and a lab director. It is equipped with an embryoscope (culture system – 100% time lapse with artificial intelligence) and has the Log-on Guard system to monitors all the available machinery. The male infertility team provides services for men undergoing assisted reproduction at the ACU through (1) interdisciplinary approach in cases with male factor infertility to decide the best plan for management (ejaculated vs testicular sperm, sperm selection, ancillary sperm processing tests, recommendation for PGTa); (2) performance of various surgical sperm retrievals such as testicular sperm aspiration, microsurgical testicular sperm extraction, percutaneous epididymal sperm aspiration, and electroejaculation.

6. ***General laboratory:*** HMC has a state of the art laboratory department that is certified by the college of American pathologists (CAP) (https://www.hamad.qa/EN/Hospitals-and-services/Hamad-General-Hospital/Hospital-Services/Clinical-Departments/Pages/Laboratory-Medicine-and-Pathology.aspx). All genetic assays used in the evaluation of male infertility are performed in the lab including karyotyping, Y chromosome microdeletion, cystic fibrosis gene mutations. The full spectrum of hormonal assays are also performed in situ.

7. ***Multidisciplinary pelvic pain service:*** the pelvic pain unit was developed at the department of urology at HMC in 2016. The unit can be considered the

first of its kind in the region as it provides multidisciplinary service to patients with chronic prostatitis/ chronic pelvic pain. The service is being provided by (1) a fellowship trained urologist with expertise in this field of medicine; (2) a PhD physiotherapist with special focus on pelvic floor myofascial release therapy; and (3) a clinical psychiatrist offering cognitive behavioral therapy as well as medical treatment for men with psychosocial phenotype of disease.

8. ***Interim translational research institute (iTRI):*** Located in Hamad Bin Khalifa Medical City, the iTRI facilitates healthcare research in Qatar and enables the translation of scientific discoveries to aid the development of new medicines, technologies and treatments for the benefit of our patients. The iTRI provides core services (including proteomic, genomic and metabolomic assays) and is managed by skilled facilities managers and houses a clinical studies unit with consultation rooms, waiting areas and administrative and office space for clinical staff. Wet laboratories enable HMC scientists and researchers to do pre-clinical, translational research, and a seminar and meeting room promote formal and informal learning, collaborations and development of research topics.

Name and address of Centre

Andrology and Male infertility Unit, Department of Urology, Ambulatory care canter, Hamad Medical Corporation, Al-Rayyan Street, Doha, Qatar. POBox 3050. Tel:+97440263727

Type of Centre

University	
University Hospital	x
Private Centre	

Other (please specify) _____

1. Director Dr. Sami AlSaid

Academician [ ] Affiliated Member [ ] Clinical Andrologist [x]

2a. Clinical responsible Dr. Mohamed Arafa

Academician [x] Affiliated Member [ ] Clinical Andrologist [ ]

2b. Clinical responsible Dr. Ahmad Majzoub

Academician [X] Affiliated Member [ ] Clinical Andrologist [ ]

2c. Clinical responsible

Academician [ ] Affiliated Member [ ] Clinical Andrologist [ ]

3. Present Staff *(Senior Scientists)*

1) Name: Dr. Haitham Elbardisi
Degree: MD
Speciality: Male infertility

Academician [ ] Affiliated Member [ ] Clinical Andrologist [x]

2) Name: Dr. Ahmad AlMalki
Degree: MD
Speciality: Andrology/infertility

Academician [ ] Affiliated Member [ ] Clinical Andrologist [x]

3) Name: Dr. Khalid Alkubaisi
Degree: MD
Speciality: Andrology/infertility

Academician [ ] Affiliated Member [ ] Clinical Andrologist [x]

10

Insert any additional staff below *(if required)*

MD/Biologists/Chemists

1) Name _____
   Degree _____
   Speciality _____
   Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

2) Name _____
   Degree _____
   Speciality _____
   Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

3) Name _____
   Degree _____
   Speciality _____
   Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

4) Name _____
   Degree _____
   Speciality _____
   Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

5) Name _____
   Degree _____
   Speciality _____
   Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

6) Name _____
   Degree _____
   Speciality _____

Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

7) Name _____
Degree _____
Speciality _____
Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

8) Name _____
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Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

9) Name _____
Degree _____
Speciality _____
Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

10) Name _____
Degree _____
Speciality _____
Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

11) Name _____
Degree _____
Speciality _____
Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

12) Name _____
Degree _____

Speciality _____

Full time/part time _____

Academician ☐ Affiliated Member ☐ Clinical Andrologist ☐

Insert any additional staff below *(if required)*

Specialists

1) Name
2) Name
3) Name
4) Name
5) Name

PhD Students

1) Name
2) Name
3) Name

Nurses

1) Name
2) Name
3) Name

Laboratory Technicians

1) Name Mr. Ahmad Sandly (technologist)
2) Name Mr. Hazim Miqdad (patient education/coordinator)
3) Name Mr. Farid Kayvanifard (Andrology lab technician)
4) Name Mr. Mohamed Abu Halawa (Andrology lab technician)

Administrative Personnel

1) Name Mrs. Anu Kattikaren (fellowship coordinator)
2) Name Mrs. Eman Irraidi (secretary)
3) Name

4. Clinical Activity

A. Outpatients: Consultations per year in the last 3 years

	2020	2021	2022
New patients	3250	2850	4285
Follow-up patients	13800	10280	13800

Type of patients in the last years (%)	2020	2021	2022
Infertility	55%	54%	52%
Erectile dysfunction	45%	46%	48%
Hypogonadotropic Hypogonadism	0.4%	0.6%	0.4%
Klinefelter	0.2%	0.3%	0.3%
Gynaecomastia	0.08%	0.08%	0.09%
Varicocele	28%	23%	29%
Cryptorchidism	1%	1.2%	1.2%
Male sex accessory gland infections	9%	8%	10%
Testicular tumours	2%	2.7%	2.5%
Disorders of gender identity	-	-	-
Other			

B. Ultrasound (testis, penile, prostate) *

	2020	2021	2022
Total	2830	3590	4300
Controls			

** performed at the Department of Radiology*

C. Andrological surgery procedures

	2020	2021	2022
Testicular biopsies	54	63	91
Varicocele ligation	210	200	221
Prostate biopsies	151	103	155
BPH	61	85	95
Prostate cancer	20	18	22
Vasectomy	5	18	16
Reconstruction (Vaso-vasostomy/ vaso-epididymostomy)	6	6	9
Other	32	36	40

5. A. Andrology laboratory activity

	2020	2021	2022
Semen analyses	3326	2990	3620
Sperm antibodies	190	152	113
Seminal markers (SDF, ROS)	4200	3882	4810

5. B. Andrology laboratory activity

Sperm banking donors	Yes		No	x
Sperm banking cancer patients	Yes	x	No	

If yes:			
	2020	**2021**	**2022**
Number of samples	127	219	280

5. C. Histopathologial evaluation of biopsies Yes [x] No [ ]

5. D. Reproductive Hormones Assays Yes [x] No [ ]

(FSH, LH, testosterone, SHBG, prolactin)
immunoassay chemiluminescence method, Architect i1000SR® (Abbott systems, Illinois, USA)

7500 samples done in 2022

5. E. Y chromosome microdeletions according to EAA/EMQN guidelines Yes [x] No [ ]

If yes number of tests in the past year 180

Participation to the EAA quality control scheme? **Lab currently Participating in the CAP quality control scheme**	Yes		No	x
If no, specify if available in another lab of the same hospital	Yes		No	
Blood karyotyping	Yes	x	No	
If no, specify if available in another lab of the same hospital	Yes		No	

Other genetic tests (please specify)
Pre-implantation genetic diagnosis
Amniotic fluid karyotyping

CFTR mutations

6. Collaborations with other Clinical Units of the University/Hospital

IVF Unit Yes [x] No [ ]
If yes please specify: Children, Endocrinology, IVF, Urology, Genetics, Pathology

Urology Clinic Yes [x] No [ ]

Endocrine Clinic Yes [x] No [ ]

Genetics Lab/Unit Yes [x] No [ ]

Paediatric Unit Yes [x] No [ ]

Central Hospital Laboratory Yes [x] No [ ]

Private Centres Yes [x] No [ ]

If yes please specify:

7. Clinical teaching activity
Duration of training (years): Since 2009

	Number
A: Trainees in the last five years	3
B: Trainees who passed EAA-ESAU\exam for Clinical Andrologist in the last 5 yrs	0
C: Trainees working in the centre preparing to pass the EAA-ESAU examination	0
D: PhD Students	0
E: Medical Students	6
F: Other students (Residents/urology, family medicine)	19

8. Formal Andrology teaching program Yes [x] No [ ]

If yes: specify duration (years/months): Years [3] Months [36]

	Hours of formal teaching per year	**Professional training (weeks/months)**
Medical Students	42 hours	3 hr/2weeks/7months
PhD Students		
Post Graduate students (Residents)	900 hr	25hr/week/9months
Trainees (fellows)	2080 hours	40 hrs/week/12months

Other degrees (please specify)

9. Research Activity (maximum 1 page)

The main areas of expertise for the unit, as observed in the publication list, include:

Sperm DNA fragmentation	Formulating practice guidelines, special issue editing	Translational Urology and Andrology (IF 2.49)
Oxidative stress	Coined new term "MOSI = Male Oxidative stress infertility", several publications on ORP	Men's health (IF 2.26); Andrologia (IF 2.53); Andrology (IF 4.45); RBMO (IF 3.82);
Varicocele	Edited book on the topic, Several published studies and abstracts in international conferences	Asian Journal of Andrology (IF 3.25), Andrologia (IF 2.53)
Sperm retrieval and ICSI	Identified predictive model for successful sperm retrieval in TESA, Published several articles on ICSI outcomes in men with male factor infertility	Fertility Sterility (IF 3.84); Andrologia (IF 2.53)
Genetics of NOA	Edited book on the topic, explored genetic basis of familial cases of NOA	Human Molecular Genetics (IF 6.15), Andrologia (IF 2.53)

10. Research Funding

1. **From molecular mechanism to improved reproductive health for male infertility in Qatar (The FERTILITY-IQ Study)**

Year	2018
Total amount (€)	1,000,000 USD
Funding Source(s)	National Priority Research Program, Qatar National Research Fund, Qatar Foundation, Doha, Qatar

2. Proteomic analysis of sperm cell proteins in infertile men with varicocele and their relationship to oxidative stress

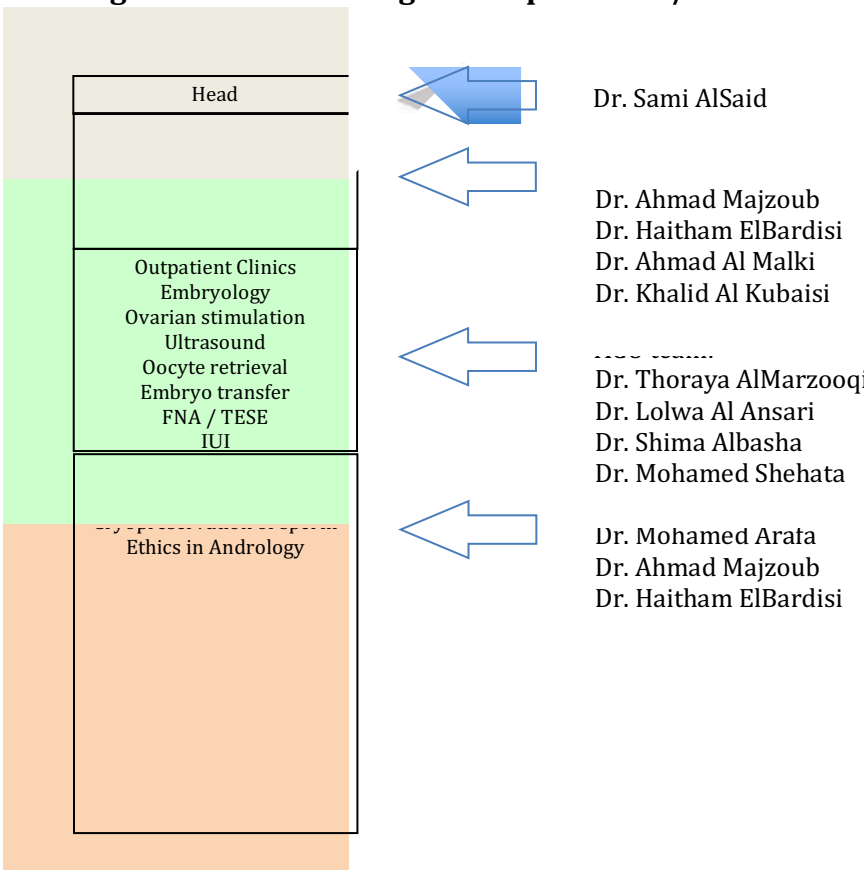
Year	2017
Total amount (€)	547,000 USD
Funding Source(s)	Internal research grant cycle 03, Medical Research Center, Hamad Medical Corporation

3. IDENTIFICATION OF NOVEL PROTEOMIC BIOMARKERS IN THE SEMINAL PLASMA OF PATIENTS WITH NON-OBSTRUCTIVE AZOOSPERMIA

Year	2018
Total amount (€)	274,000 USD
Funding Source(s)	Internal research grant cycle 04, Medical Research Center, Hamad Medical Corporation

ORGANIZATION CHARTS

Organization charts legend: Department / Unit Structure



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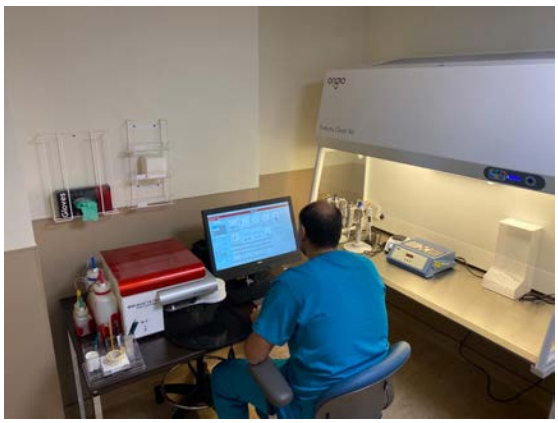
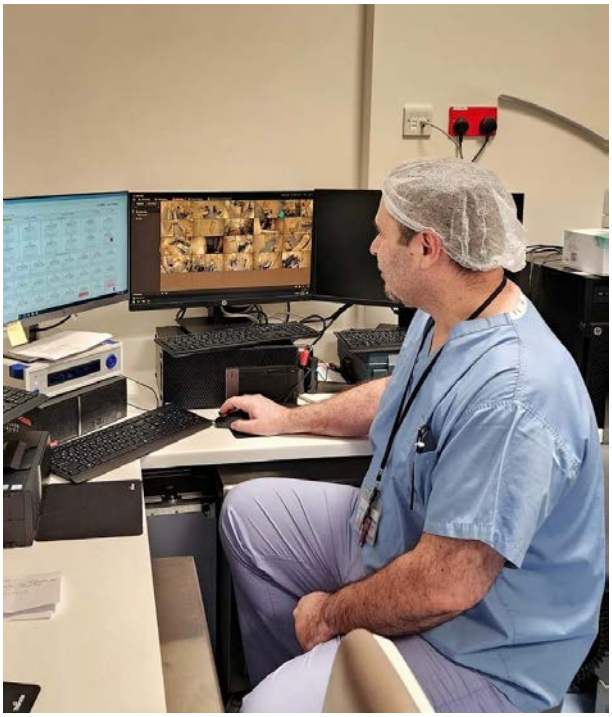
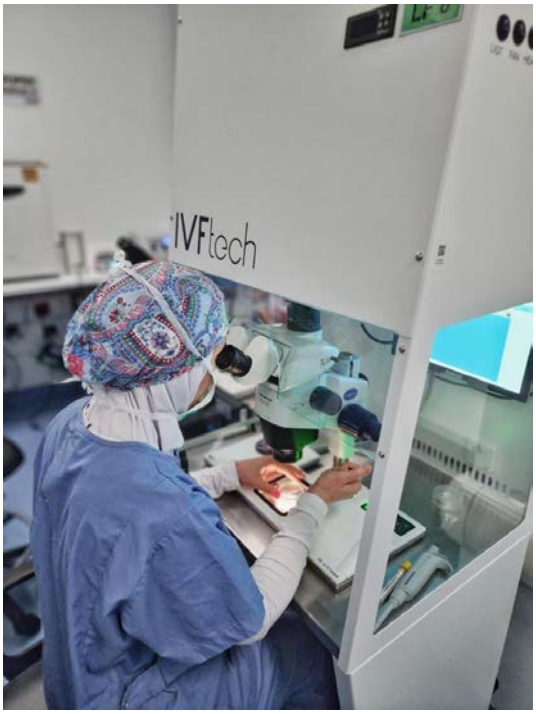
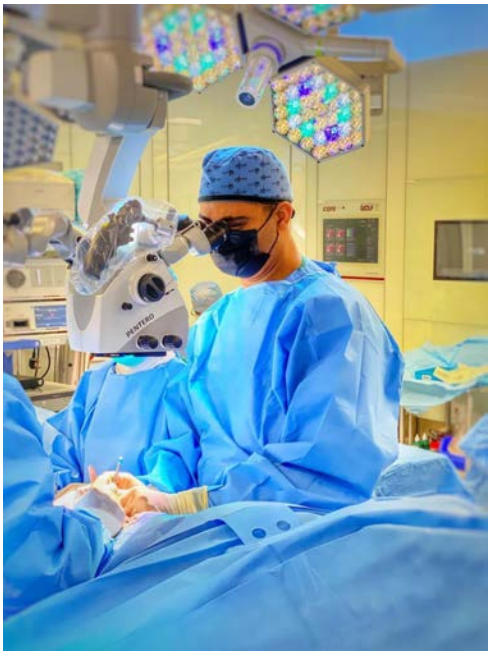
CENTRE PHOTOS



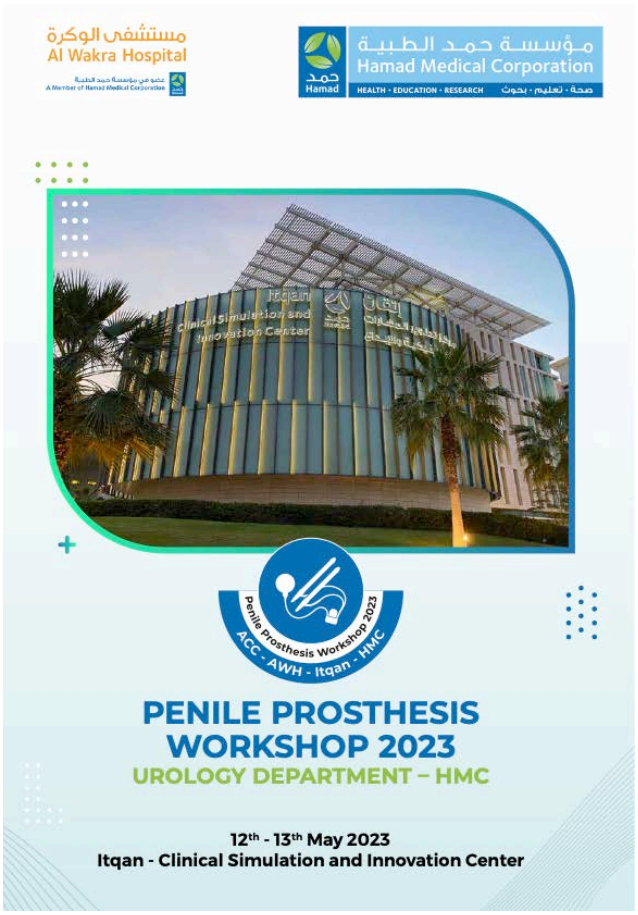



IVFtech



CONFERENCE ORGANIZATION

The unit recently (May 2023) organized a penile prosthesis implantation hands on workshop and live surgery course.



HMC Participates in Inaugural Men's Health Club Meeting

3/18/2018

Last week officials from Hamad Medical Corporation's (HMC) Urology Department organized the first Men's Health Club Meeting. Held 8 March at the Sheraton Grand Doha Resort and Convention Hotel, the event was attended by 90 physicians from the private and public sector specializing in urology, nephrology, endocrinology, diabetes, cardiology, and community medicine.

Dr. Khalid Al Rumaihi, Head of Urology at HMC, said the meeting, which is thought to be the first initiative of its kind in the country, provided a platform to discuss the latest scientific and research developments related to men's health. Topics of discussion included the health effects of low testosterone, with much of the conversation focused on five research papers that detailed the relationship between low testosterone and other health conditions, including type 2 diabetes, infertility, and varicose veins. The link between obesity and low testosterone levels was also examined, with attendees discussing common symptoms, diagnosis, and treatment options.

Dr. Ridwan Shabsigh, Associate Professor of Clinical Urology at Weill Cornell Medical College in New York, presented a research paper on the importance of men's health issues as part of the public health agenda. Dr. Al Rumaihi noted that the establishment of the Men's Health Club is twofold; bringing public attention to the importance of men's health conditions and educating medical professionals about the latest research related to conditions that affect it, both physical and psychological and spanning from puberty to old age.

The Men's Health Club Meeting will be held every three months.

Men's Health Physicians Discuss Link between Obesity and Infertility during Second Meeting of the Men's Health Club

6/7/2018

Last week officials from Hamad Medical Corporation's (HMC) Urology Department organized the second meeting of the Men's Health Club to discuss the link between obesity and infertility in men. Held 30 May at the La Cigale Hotel, the event was attended by 70 physicians from the private and public sector specializing in urology, nephrology, endocrinology, diabetes, cardiology, and community medicine.

Dr. Khalid Al Rumaihi, Head of Urology at HMC, said the group, which held their inaugural meeting earlier this year, discussed the latest scientific and research developments related to obesity and its impact on men's health. Six scientific papers examining the effect of obesity on men's health and specifically how obesity impacts male reproductive potential were discussed. There is emerging evidence that male obesity negatively impacts fertility through changes to hormone levels, as well as direct changes to sperm function and semen composition.

Attendees discussed the significance of recent scientific findings, noting the high rates of obesity in Qatar and the associated health complications. According to the World Health Organization, worldwide more than 1.9 billion adults, 18 years and older, are overweight and more than 650 million are obese. Obesity has reached epidemic proportions globally, with at least 2.8 million people dying each year as a result of being overweight or obese.

The physicians in attendance discussed the important role healthcare providers can play as role models for a healthy lifestyle and also in communicating the importance of healthy lifestyle habits such as exercising, eating a balanced diet, and reducing stress. Healthy lifestyle choices can help promote weight loss, prevent weight gain, and enhance overall health. The group discussed the significance of emphasizing the importance of healthy choices from childhood, with a specific focus on limiting consumption of fast food and encouraging sport and other forms of physical activity.

3rd Men's Health Club Meeting

"Chronic Pelvic Pain Syndrome"

27 March, 2019
Sheraton Grand Doha Resort and Convention Hotel

AGENDA

TIME	TOPIC	SPEAKER
7pm – 7.30pm	Registration	
7.30pm – 8pm	Welcome	**Dr. Khalid Al Rumaihi** *Head of Urology Section*
8pm – 8.15pm	Pelvic pain syndrome in men: Managing a debilitating condition	**Dr. Ahmad Majzoub** *Consultant Urology Department - HMC*
8.15pm – 8.30pm	Pelvic pain Syndrome in women	**Dr. Ayman El Naqa** *Sr. Consultant, OBGYN - HMC*
8.30pm – 8.45pm	Interstitial cystitis/irritable bladder syndrome	**Dr. Hanaa Al Hothi** *Consultant Urology Department - HMC*
8.45pm – 9pm	Coffee Break	
9pm – 9.15pm	Myofascial release in CPPS	**Dr. Ajemsha Sharafeddine** *Consultant, Physiotherapy - HMC*
9.15pm – 9.30pm	ESWT for CPPS	**Dr. Kareim Khalafallah** *Urology Department - HMC*
9.30pm – 9.45pm	Psychosocial behaviors of CPPS patients	**Dr. Abdulla Ben Amer** *Clinical fellow, Psychiatry Department - HMC* **Prof. Peter Haddad** *Sr. Consultant, Psychiatry Department - HMC*
9.45pm – 10pm	Question and Answer	

Learning objectives: At the end of this activity audience will:

- Have an overview on the latest updates in the medical and surgical management of CPPS
- Have good knowledge about the guidelines to evaluate CPPS patients
- Be able to plan an early detection strategy for CPPS
- Be aware of the different advanced therapeutic modalities for CPPS such as physiotherapy and psychiatric support
- Be able to identify which is the best diagnosed modality to evaluate each patient, including patients with advanced disease.
- Be aware about the research activities targeting CPPS

مؤسسة حمد الطبية
Hamad Medical Corporation
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Thursday, October 31, 2019

04.00 PM	**Welcome and Introductions**
04.05 PM	**Pre-test**
04.15 PM	**Presentation of agenda and schedule for the OR**
04.45 PM	**Didactic session #1 - Erectile Restoration: Overview -** *Dr. Brian Christine & Dr. Wayne Hellstrom*
05.15 PM	**Didactic session #2 - Optimizing prosthetics in the middle East** - *Dr. Riadh Al Zubaidi*
05.30 PM	**Discussion**
05.45 PM	**Didactic session #3 - Erectile Restoration; Scrotal Approach** - *Dr. Wayne Hellstrom*
06.15 PM	**Didactic session #4 - Erectile Restoration; Infrapubic Approach** - *Dr. Brian Christine*
06.30 PM	**Didactic session #5 - Erectile Restoration - IPP Complications** - *Dr. Wayne Hellstrom*
07.00 PM	**Discussion**
07.15 PM	End of Surgical Course day 1

Friday, November 1, 2019

08.00 AM	**Surgical Cases** - *Interactive video transmission to the lecture hall with Q and A during cases.*
02.00 PM	**Lunch and open Discussion/Questions -** *Participants have opportunity to ask Experts their questions.*
03.30 PM	*Course participants* - Transfer back to the hotel as a group
04.00 PM	**Break**
06.00 PM	**Didactic Session #6 - Peyronie's Disease** - *Dr. Wayne Hellstrom*
06.30 PM	**Didactic Session #7 - Post-prostatectomy Urinary Incontinence: Overview -** *Dr. Brian Christine*
07.00 PM	**Didactic Session #8 - Post-prostatectomy SUI: Artificial Urinary Sphincter -** *Dr. Wayne Hellstrom*
07.30 PM	**Didactic Session #9 - Post-prostatectomy SUI: Male Sling** - *Dr. Brian Christine*
08.00 PM	End of Surgical Course day 2

Saturday, November 2, 2019

08.00 AM	**Surgical Cases -** *Interactive video transmission to the lecture hall with Q and A during cases.*
02.00 PM	**Lunch and Meeting Summary – Q&A**
03.00 PM	*Course participants* - Transfer back to the hotel as a group
03.30 PM	**Post-test**
03.40 PM	**Feedback and evaluations**
04.00 PM	End of Surgical Course day 3

Semenology Workshop

All you need to know about Semen Analysis

3 to 4 December, 2016
Hajar Auditorium, Hamad Medical Corporation
Doha, Qatar

16 CPD Hours

3rd Genito-Urethral Reconstructive Live Surgery Workshop

18 to 19 November 2016
Hilton Hotel, Doha, Qatar

QCHP

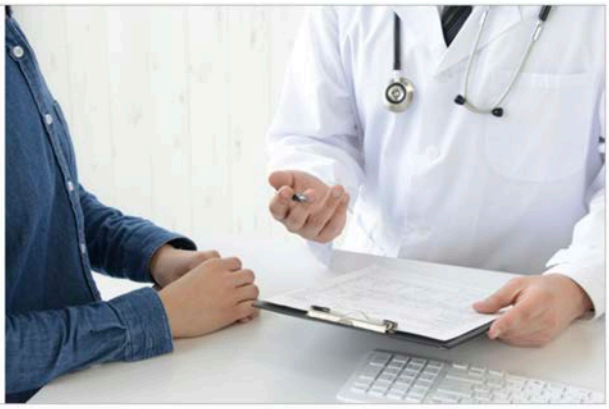
14.25 CPD Hours

2nd Men's Health Symposium

27 April 2017
The Torch Hotel
Doha, Qatar

QCHP

7 CPD Hours



Khalid AlRumaihi


Ashok Agarwal


Ana Cabo


Inge Agerholm


Basak Balaban


Rupin Shah


Botros Rizk

Jointly organized by Hamad Medical Corporation, Doha and the American Center for Reproductive Medicine, Cleveland, the three day scientific program includes:

Day One

State of art lectures on "hot topics" in Infertility and ART by world renowned experts in the field

Day Two

Rare opportunity to gain firsthand experience in the latest technologies, protocols and knowhow in a great setting by Master in Reproductive Medicine. Fourteen workstations representing virtually all important technologies in the field and 2 free Meet the Experts sessions.

Day Three

Actual hands-on training in all ART technologies
Basic course in microsurgery for andrologists and male infertility specialists

Participants registered for workshop program on Day 1 and Day 2 will receive a Certificate of participation. Those taking hands on training modules on Day 3 will receive a Certificate of Training from the American Center for Reproductive Medicine.

We look forward to welcome you in Doha.

For registration and complete program please visit http://mflif.hamad.qa/en
E-mail: malefertilityandivf@gmail.com
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مؤسسة حمد الطبية
Hamad Medical Corporation

Center for Reproductive Medicine
Cleveland Clinic

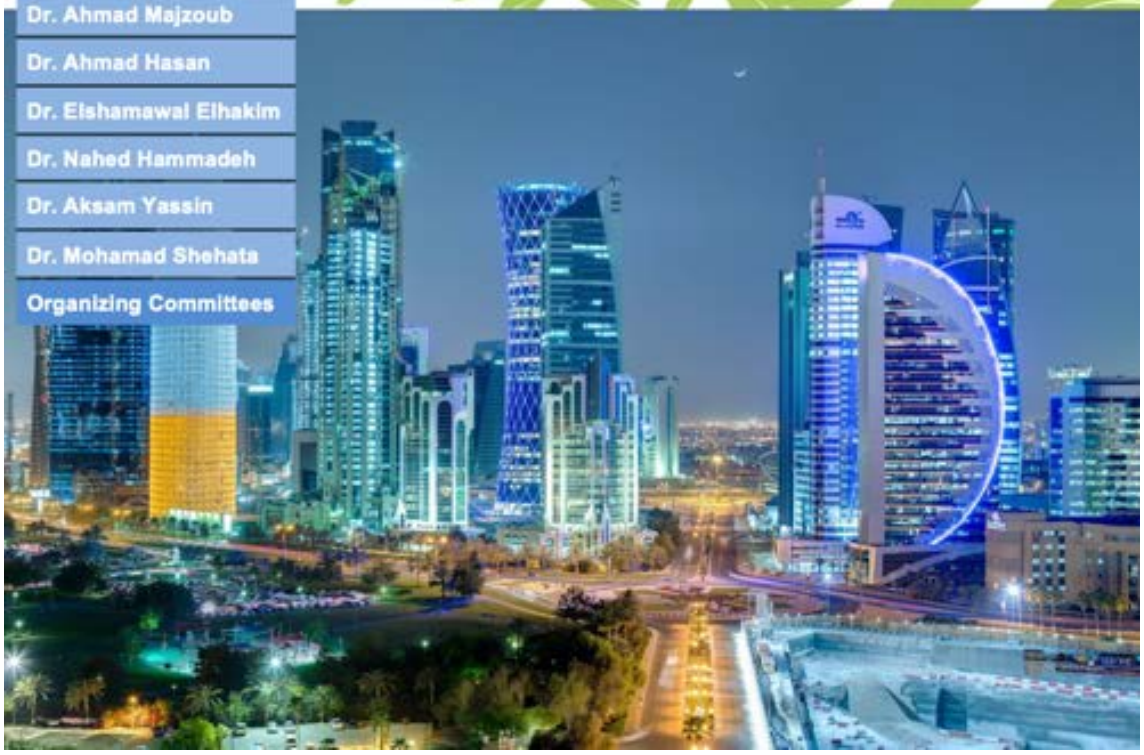
- Welcome
- Speakers
- Dr. Sherman J. Silber
- Dr. Peter Schlegel
- Dr. Rupin Shah
- Dr. Ashok Agarwal
- Dr. Mohamad Bedaiwy
- Dr. Sandrine Atallah
- Dr. Amr El Meliegy
- Dr. Haitham El Bardisi
- Dr. Mohamed Arafa
- Dr. Sami Al Said
- Dr. Lolwa Al Ansari
- Mr. Hasan Burjaq
- Dr. Ahmad Majzoub
- Dr. Ahmad Hasan
- Dr. Elshamawai Elhakim
- Dr. Nahed Hammadeh
- Dr. Aksam Yassin
- Dr. Mohamad Shehata
- Organizing Committees

مؤسسة حمد الطبية
Hamad Medical Corporation

3rd Qatar International Male Infertility Conference

February 13-15, 2014, Doha – Qatar

25 CME

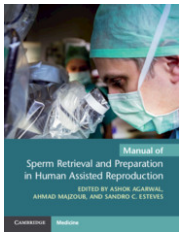


FULL LIST OF PUBLICATIONS (with IF) of staff members from the last 5 years

EDITED BOOKS

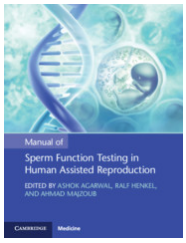
Manual of Sperm Retrieval and Preparation

Agarwal, A., Majzoub, A**.,** & Esteves, S. (Eds.). (2021). Manual of Sperm Retrieval and Preparation in Human Assisted Reproduction. Cambridge: Cambridge University Press. doi:10.1017/9781108867245
https://www.cambridge.org/core/books/manual-of-sperm-retrieval-and-preparation-in-human-assisted-reproduction/F9050EB638321B171101109B778F2DF8



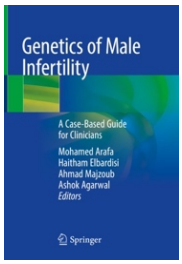
Manual of Sperm Function Testing in Human Assisted Reproduction

Agarwal, A., Henkel, R., & Majzoub, A. (Eds.). (2021). Manual of Sperm Function Testing in Human Assisted Reproduction. Cambridge: Cambridge University Press. doi:10.1017/9781108878715
https://www.cambridge.org/core/books/manual-of-sperm-function-testing-in-human-assisted-reproduction/529BD381DCFA4172FBE38250FC643120



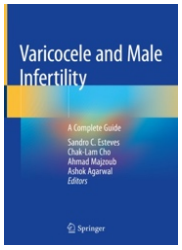
Genetics of Male Infertility: A Case-Based Guide for Clinicians

Arafa, M., ElBardisi, H., Majzoub, A., Agarwal, A. (Eds.). (2020). **Genetics of Male Infertility: A Case-Based Guide for Clinicians. Switzerland:** Springer International. Doi: 10.1007/978-3-030-37972-8
https://link.springer.com/book/10.1007/978-3-030-37972-8#about



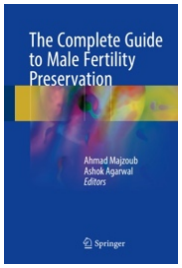
Varicocele and Male Infertility: A Complete Guide

Esteves, S., Cho, C., Majzoub, A., Agarwal, A. (Eds.). (2019) Varicocele and Male Infertility: A Complete Guide. **Switzerland:** Springer International. DOI: 10.1007/978-3-319-79102-9.
https://www.springer.com/gp/book/9783319791012



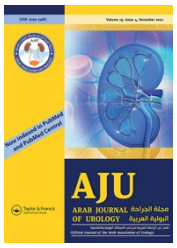
The Complete Guide to Male Fertility

Majzoub, A**.**, Agarwal, A. (Eds.) (2018). **The Complete Guide to Male Fertility. Switzerland:** Springer International. DOI: 10.1007/978-3-319-42396-8.
http://www.springer.com/us/book/9783319423951

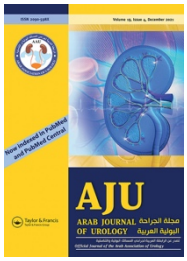


EDITED SPECIAL ISSUES

“Men’s Health” – Arab Journal of Urology
Agarwal, A., Majzoub, A., Arafa, M., Elbardisi, H. (volume 19, Issue 3, 2021)
https://www.tandfonline.com/toc/taju20/19/3



“Updates in Male Factor Infertility” – Arab Journal of Urology
Agarwal, A., Majzoub, A., Arafa, M., Elbardisi, H. (volume 16, Issue 1, 2018)
https://www.tandfonline.com/toc/taju20/16/1



“Sperm DNA Fragmentation” - Translational Andrology and Urology
Agarwal, A., Majzoub, A., Esteves, S., Cho, C.L. (Vol 6, Suppl 4, September 2017)
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3. Arafa M and Zohdy W. Prostatic Massage: A Simple Method of Semen Retrieval in Men with Spinal Cord Injury. IJA 2006; 30(3):170-3.

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5. Arafa M, Shamloul R. The development and evaluation of the Arabic Index of Premature Ejaculation (AIPE). J Sex Med 2007; 4(6):1750-6.

6. Momen MN, Fahmy I, Amer M, Arafa M, Zohdy W, Abdel Naser T. Semen parameters in men with spinal cord injury: changes and aetiology. Asian J Androl 2007; 9: 684-9.

7. Arafa M, Shamloul R. A Randomized Study examining the effect of 3 SSRI on premature ejaculation using a validated questionnaire. Therapeutics and clinical risk management 2007; 3(4):527-31.

8. Arafa M, Eid H, Shamloul R. Significance of phentolamine redosing during prostaglandin E1 penile color Doppler ultrasonography in diagnosis of vascular erectile dysfunction. International Journal of Urology 2007; 14, 476-7.

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11. Amer M, Zohdy W, Abd El Naser T, Hosny H, Arafa M, Naser M, Fakhry E. Single Tubule Biopsy: A New Objective Microsurgical Advancement for Testicular Sperm Retrieval in Patients with Non Obstructive Azoospermia. Fertil Steril 2008; 89(3):592-6.

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