

Curriculum Vitae



Name: *Hasan Mostafa Hasan Abdal-Rahman El-Fakahany*

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Current job: Ass. Professor in Dermatology,
Andrology and STD's Department.
Minia Faculty of Medicine.
Minia, Egypt.

Educational Qualifications & Courses Attended

- M.B.B.Ch. December 1997 from al-Minya Faculty of Medicine – Minia University.
- M.Sc. Dermatology, Andrology and STDs February 2003 from Minia Faculty of Medicine – al-Minya University.
- Registering for the doctoral degree in 14-4-2004 under the title of: “The pathophysiology of testicular germ cell apoptosis”.
- Postgraduate Fellowship in Obstetrics, Gynaecology and Reproductive Science Department from 6-9-2005 till 20-8-2006. Yale School of Medicine. New Haven, Connecticut, USA.
- “Microsurgery Treatment of Male Infertility” Course in June 2006. Center of Male Reproductive Surgery and Microsurgery. New York Weill Cornell Medical Center. New York Presbyterian Hospital. New York, USA.
- “IVF Series” Course in June 2006. Department of Urology. New York Weill Cornell Medical Center. New York Presbyterian Hospital. New York, USA.
- Continuing Medical Education Course in Egyptian Society of Dermatology and Venereology Annual Meeting; Cairo, January 2007.
- Dermatopathology Workshop in Egyptian Women’s Dermatologic Society Annual Meeting; October 2007.
- M.D. Dermatology, Andrology and STDs July 2008 from al-Minya Faculty of Medicine – al-Minya University.
- Computer assisted semen analysis and sperm DNA analysis training course in Barcelona, Spain; 7/2010.
- ABC in Laser and cosmetics workshop in European Academy of Dermatology and Venereology in Gothenburg, Sweden; 9/2010.
- Associate professor by the Egyptian Committee of Professors and Associate professors promotion in January 2014.

Previous Jobs

- House-officer in Minia University Hospital from 1-3-1998 to 28-2-1999.
- Resident at Dermatology, Andrology, and STDs Department in Minia University Hospital from 1-3-1999 to 31-8-2002.
- Visiting resident in Andrology Department in Cairo University Hospital 'Kasr al-Aini' three days a week from 20-9-2000 to 1-8-2001.
- Postgraduate Fellow in Obstetrics, Gynaecology and Reproductive Sciences Department from 6-Sept-2005 to 20-Aug-2006.
- Lecturer at Dermatology, Andrology, and STDs Department in Minia University Hospital from 9-2008 till 28-1-2014.
- Andrology consultant in Dar El-Teb Assisted Reproduction Centre from 2/2009 till 6/2010.
- Andrology consultant in Minia Infertility Research Unit- Al-Minya University from 10/2008 till now.
- Andrology consultant and Share holder in Minia IVF center; from 12/2010 till now.
- Dermatology & Andrology consultant in Fahed Medical Center, Doha, Qatar from 10-2014 till now.
- Ass. Professor in Dermatology, Andrology, and STDs Department in Minia University Hospital from 28-1-2014 till now.
- Credit hours and dermato-surgery trainer in light care, Dubai since April 2017 till December 2018.
- Medical Consultant and trainer for ISKRA medical, Slovenia from May 2017 till now.

Skills and Experience

Dermatological Procedures:

- ND-YAG laser procedures.
- Scrapping for fungal infections.
- Wood's light examination.
- Skin biopsies.
- Electro-cautery and dissection.
- Minor surgical procedures.
- Epidermal blister and punch grafting for vitiligo.
- Cryosurgery.
- Trichogram.
- Chemical peeling.
- Micro-dermabrasion procedures.
- Phototherapy unit supervision.
- Intense Pulsed Light procedures.
- Hair transplantation.
- Derma roller and stamps skin rejuvenation.
- Fractional erbium-glass laser.
- Mesotherapy (hair, rejuvenation, lypolysis).
- Botox injection.
- Dermal fillers injection
- Automated skin needling for skin and hair.
- Carboxy therapy.
- LED skin treatment.
- Surgical thread lifting.
- Fractional Co2 laser procedures.
- Radiofrequency skin, vaginal and libia tightening

Andrology Procedures:

- Prostatic smear and massage.
- Semen analysis.
- Testicular biopsies interpretation.
- Infertility surgical procedures:
 - Diagnostic and therapeutic testicular biopsy. Open and microsurgical approaches.
 - Diagnostic and therapeutic fine needle aspiration testicular biopsy.
 - Microdissection testicular sperm extraction.
 - Transcutaneous epididymal fine needle sperm aspiration.
 - Open and microsurgical varicocele repair.
 - Open and microsurgical vaso-epididimostomy.

- Hydrocelectomy.
- Diagnostic intra-corporeal injection.
- Cavernosometry.
- Regiscan.
- Penile and Scrotal Duplex.
- Intra-uterine insemination procedures.
- Immunohistochemical staining and interpretation of testicular biopsies.
- Scientific reviewer of Reproduction Journal since 10/2007.
- Functional magnetic stimulation treatment for several sexual problems.

Conferences Attended

- Egyptian Society of Surgery meeting in Alexandria; 8/1998.
- Ramadan Meeting of Egyptian Society of Dermatology and Venereology in Cairo; 1/1999.
- International Conference of Dermatology in Cairo; 4/1999.
- Egyptian Society of Dermatology and Venereology in Cairo; 10/1999.
- Alexandria Fifth International Congress of Alexandria Dermatology, Andrology and STDs Department; 10/1999.
- Egyptian Society of Dermatology and Venereology meeting in Cairo; 10/2000.
- Egyptian Women's Dermatologic Society 9th International Annual Meeting; 10/2000.
- Egyptian Society of Dermatology and Venereology meeting in Port-Said; 6/2001.
- Mansora International Conference in Andrology, and Sexology; 9/2001.
- Egyptian Society of Andrology 13th Annual Meeting in Cairo; 3/2002.
- Symposium of al-Minya Dermatology, Andrology and STDs Department in al-Minya; 8/2002.
- Alexandria tenth International Congress of Alexandria Dermatology, Andrology and STDs Department; 12/2004.
- Egyptian Women's Dermatologic Society Annual Meeting; 3/2005.
- Egyptian Society of Dermatology and Venereology pre-congress courses of continuous medical education in Cairo; 1/2007.
- Egyptian Society of Dermatology and Venereology meeting in Cairo; 1/2007.
- Egyptian Women's Dermatologic Society Annual Meeting; 10/2007.
- Al-Minya Dermatopathology Course in April 2008.
- Egyptian Society of Dermatology and Venereology in Porto-Marina; 6/2008.
- Egyptian Society of Andrology in Ain-Sokhna; 12/2008.
- Egyptian Society of Dermatology and Venereology in Porto-Marina; 6/2009.
- Egyptian Society of Andrology in Ain-Sokhna; 12/2009.
- Egyptian Society of Dermatology and Venereology in Porto-Marina; 6/2010.
- European Academy of Dermatology and Venereology in Gothenburg, Sweden; 9/2010.
- Egyptian Society of Andrology in Ain-Sokhna; 12/2010.
- Dubai Derma in Dubai, UAE; 4/2011.
- European Academy of Dermatology and Venereology in Lisbon, Portugal; 10/2011.

- European Academy of Dermatology and Venereology in Prague, Check Republic; 10/2012.
- American Academy of Dermatology in Miami, Florida. 3/2013.
- European Academy of Dermatology and Venereology in Copenhagen, Denmark. 10/2015.
- European Academy of Dermatology and Venereology in Paris, France. 9/2018
- Dubai Derma, Dubai, UAE. 3/2019
- World Congress of Dermatology, Milan, Italy. 6/2019.
- European Academy of Dermatology and Venereology in Madrid, Spain. 10/2019.

Conferences Participation

- Fourth Clinical Annual Meeting of al-Minya Dermatology, Andrology and STDs Department in al-Minya; 1/2001.
- First Annual Meeting in Andrology and STDs Department of Cairo University; 6/2001.
- Fifth Clinical Annual Meeting of al-Minya Dermatology, Andrology and STDs Department in al-Minya; 4/2003.
- 22nd Annual Meeting of the European Society of Human reproduction and embryology; Prague, Czeck Republic; 6-2006.
- 75th Annual Meeting of the New England Section of the American Urological Association; Providence, Rhode Island, USA; 9-2006.
- Egyptian Society of Andrology Annual Meeting; Ein-El-Sokhna, September 2006 (**first research prize**).
- Egyptian Society of Dermatology and Venereology Annual Meeting; Cairo, January 2007 (**Second Lecturer prize**).
- American Society for Reproductive Medicine Annual Meeting; New Orleans, USA; 10-2006.
- Egyptian Society of Andrology Annual Meeting; Ein-El-Sokhna, December 2007.
- 24th Annual Meeting of the European Society of Human reproduction and embryology; Barcelona, Spain; 7-2008.
- 8th Clinical Annual Meeting of al-Minya Dermatology, Andrology and STDs Department in al-Minya & Hurghada; 4/2009. Mesotherapy workshop.
- Suez Canal Dermatology and Andrology department meeting in Ismailia 2009; Hair Transplantation workshop.
- 9th National Meeting of Turkish Andrology Association in Mersin, Turkey 6/2011.
- Egyptian Society Of Andrology Annual Meeting; Ein-El-Sokhna, December 2011.
- 6 th International Laser Training Workshop. Sharjah University Laser Training and Research Center Meeting. Stem cell and growth factors workshop. March 2012.
- Abu Dhabi Derma 2013. Abu Dhabi, UAE, February 2013.
- European Academy of Cosmetic and Aesthetic Dermatology meeting in EADV, Istanbul, Turkey, October 2013.
- International Mastering Course in Skin Ageing (IMCAS) in Paris, France January 2014.
- Anti Ageing Medicine World Congress in Monte Carlo, Monaco. April 2014.
- Face 2 Face Conference in Canne, France, September 2014.

- European Academy of Cosmetic and Aesthetic Dermatology meeting in EADV, Amsterdam, Netherlands, October 2014.
- Clinical Cosmetic & Reconstructive Expo in London, England, October 2014.
- “Meet the Expert” workshop day in Zurich, Switzerland, October 2014.
- American academy of Dermatology meeting 2014 in San Francisco, California, USA, March 2015
- Anti Ageing Medicine World Congress in Monte Carlo, Monaco. March 2015.
- Suez Canal Dermatology, STD’s & Andrology Department Annual meeting. Ismailia, Egypt, May 2015.
- Egyptian Women’s Dermatologic Society Meeting. Cairo, Egypt December 2015.
- American Academy of Dermatology Meeting in Washington DC, USA. March 2016.
- Visiting Lecturer in Department of Dermatology and Cutaneous Biology in Sidney Kimmel Medical college, Thomas Jefferson University, Philadelphia, Pennsylvania, USA. March 2016.
- The Middle East International Dermatology and Aesthetic medicine Conference & Exhibition, Dubai, UAE, September 2016.
- European Academy of Cosmetic and Aesthetic Dermatology meeting in EADV, Vienna, Austria, October 2016.
- American Academy of Dermatology Meeting in Orlando, Florida USA. March 2017.
- FACE London, London, United Kingdom, June 2017.
- Vitiligo International Symposium, Rome, Italy, December 2017.
- International Vitiligo Day, Kuwait, May 2018.
- Abu Dhabi International Conference in Dermatology and Aesthetics, Abu Dhabi, UAE, September 2019.

▪ **Publications**

El-Fakahany H.M. and Sakkas D. Sperm cryopreservation as a safe and effective means of preserving fertility. Sperm Banking: Theory and Practice, A Pacey and M Tomlinson (eds) Cambridge University Press 2009.

Moetaz M. El-Domyati, Abo-Bakr M. Al-Din, Manal T. Barakat, Hasan M. El-Fakahany, Jiasen Xu and Denny Sakkas. DNA Repair and Apoptosis in Testicular Germ Cells of Ageing Fertile Males: The role of the poly(ADP-ribosyl)ation pathway. Fertility and Sterility 2009.

Moetaz El-Domyati, Sameh Attia, Fatma Saleh, Mohamed Bassiony, Hasan El-Fakahany and Hossam Abdel-Wahab. Proliferation, DNA Repair and Apoptosis in Androgenetic Alopecia. J. Eur Acad Dermatol & Venereol 2009.

Abdel-Raouf H, El-Din WH, Awad SS, Esmat A, Al-Khiat M, Abdel-Wahab H, Fakahani H, Al-Domyati M, El-Din Anber T, El-Tonsy MH. Loose anagen hair syndrome in children of Upper Egypt. J Cosmetic Dermatol. 2009.

El-Tonsy H, Abdel-Raouf H, Hossam El-Din W, El-Fakahany H, Gabr M, Othman A and Medhat W. Smoking Augments the Detrimental Effect of Varicocele in Infertile Patients through Increased Level of Nitric Oxide in Spermatic Vein Blood. Pan Arab League of Dermatology Journal, 2009.

Sakkas D, El-Fakahany H.M. and Seli E. Should sperm parameters be considered in patient selection for Single Embryo Transfer? Single Embryo Transfer, J Gerris, D Adamson, C Racowsky and P De Sutter (eds) Cambridge University Press 2010.

Moetaz M. El-Domyati, Abo-Bakr M. Al-Din, Manal T. Barakat, Hasan M. El-Fakahany, Stanton Honig, Jiasen Xu and Denny Sakkas. Expression of DNA Repair and Apoptosis Markers in Testicular Germ Cells in Infertile Varicocele Patients Resembles that of Old Fertile Men. Fertility and Sterility 2010.

Moetaz M El-Domyati, Hasan M El-Fakahany and Denny Sakkas.
DNA damage repair : repair mechanisms, and aging. Thomas,
Allison E (eds).
New York : Nova Science Publishers 2010.

Moetaz M El-Domyati, Hasan M El-Fakahany and Khaled E
Morad. Non-Arteritic Ischemic Optic Neuropathy (NAION) after 36
hours with Sildenafil Citrate: First Egyptian Case. *Andrologia* 2010.

Denny Sakkas, Maria Lioliti, Hasan m El-Fakahany and Emri Seli.
The genetic and Epigenetic contributions of sperm to early
embryogenesis. *Reproductive Endocrinology and Infertility*. Carrell
and Peterson (eds) . Springer 2010; p: 591-601.

Mohamed A.M. Khalaf, Mohamed F. Abbas, Hasan M. El-
Fakahany. Effects of Chronic Tadalafil Use on the Testes and
Sperm Parameters of Old Male Albino Rats. *Andrologia* 2011.

Hasan El-Fakahany and Denny Sakkas.
Abortive apoptosis and sperm chromatin damage. Sperm
Chromatin. Zini and Agarwal (eds). Springer 2011; p:295-307.

El-Domyati M, El-Ammawi TS, Moawad O, El-Fakahany H, Medhat
W, Mahoney MG, Uitto J. Efficacy of mesotherapy in facial
rejuvenation: a histological and immunohistochemical evaluation.
Int J Dermatol. 2012 Aug;51(8):913-9

El-Domyati M, Abd-El-Raheem T, Abdel-Wahab H, Medhat W,
Hosam W, El-Fakahany H, Al Anwer M.
Fractional versus ablative erbium:yttrium-aluminum-garnet laser
resurfacing for facial rejuvenation: an objective evaluation.
J Am Acad Dermatol. 2013 Jan;68(1):103-12

Hasan El-Fakahany, Walid Medhat, Amr El-Ahwany
Microscopic Testicular Sperm Extraction Can Be Beneficial in Non-
Obstructive Azoospermia with History of Mumps Orchitis Even if
First Conventional Biopsy was unsuccessful. *Human Andrology*.
2014

Moetaz El-Domyati, MD, Manal Barakat, MD, Sherif Awad, MD,
Walid Medhat, MD, Hasan El-Fakahany, MD, and Hanna Farag,
MD

Multiple microneedling sessions for minimally invasive facial rejuvenation: an objective assessment. *Int J Dermatol*. 2015 Dec;54(12):1361-9.

El-Fakahany Hasan, Medhat Walid, Abdallah Fahed, Abdel-Raouf Hamza, Abdelhakeem Mohamed.
Fractional Microneedling: A Novel Method for Enhancement of Topical Anesthesia Before Skin Aesthetic Procedures. *Dermatol Surg*. 2016 Jan;42(1):50-5.

Mohamed F. Abbas, Osama A. Hasan, and Hasan El-Fakahany
Mitigating Effect of Vardenafil against Cholchicine induced Testicular Toxicity in Adult Male Albino Rats. *Ain Shams J of Forensic Medicine & clinical Toxicology*. 2016 Jul; 27: 83-91.

Anbar TS, Moftah NH, El-Khayyat MAM, El-Fakahany HM, Abdel-Rahman AT, Saad EK.
Syringes versus Chinese cups in harvesting suction-induced blister graft: a randomized split-body study.
Int J Dermatol. 2018 Oct;57(10):1249-125

Khalaf MAM, Younis RHA, El-Fakahany H.
Effect of Low-Level Environmental Lead Exposure on the Onset of Male Puberty.
Int J Toxicol. 2019 May/Jun;38(3):209-214.

Deriving Progenitor Cells and Keratinocytes from Human-Induced Keratinocyte Pluripotent Stem Cells.
Ibrahim MR, Medhat W, El-Fakahany H, Abdel-Raouf H, Snyder EY. *Curr Protoc Stem Cell Biol*. 2020 Sep;54 (1):e119.

The development & Molecular requirements for ensuring that human pluripotent stem cell-derived hair follicle bulge stem cells acquired competence for hair follicle generation following transplanatation.
Ibrahim MR, Medhat W, El-Fakahany H, Abdel-Raouf H, Snyder EY. *Cell Transplantation*. Accepted in April 2021