Appendices
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<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Aboulfoutouh I</td>
<td>Department of Obstetrics &amp; Gynecology, Faculty of Medicine, Cairo University, Egypt</td>
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<tr>
<td>Aboulghar M</td>
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<tr>
<td>Abou-Setta AM</td>
<td>University of Alberta Evidence-based Practice Centre (UA-EPC), Alberta Research Centre for Health Evidence (ARCHE), Edmonton, Canada</td>
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<tr>
<td>Akhondi M</td>
<td>Reproductive Biotechnology Research Center, Avicenna Research Institute, Tehran, Iran</td>
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<tr>
<td>Alhalabi M</td>
<td>Division of Embryology and Reproductive Medicine, Faculty of Medicine, and Assisted Reproduction Unit, Orient Hospital, Damascus, Syria</td>
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<tr>
<td>Al-inany H</td>
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<td>Brown J</td>
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<td>El-Mohamedy M</td>
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<tr>
<td>Hassan M</td>
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</tbody>
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Egypt

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Zarandi L, Reproductive Biotechnology Research Center, Avicenna Research Institute, Tehran, Iran


22. Rasha Hamed Elsherif and Mohamed Abdil Fatah Youssef. Real-time PCR improve detection of Trichomonas vaginalis compared to conventional techniques.
23. Mohamed AFM Youssef: The Controversy Over the Final Maturation Trigger in GnRH Antagonist Treated IVF/ICSI Cycles. KAJOG 2012

24. Mohamed AFM Youssef et al., Mild ovarian stimulation in women with poor ovarian response undergoing IVF and ICS. Evidence Based Women’s Health Society 2012.

25. Mohamed Abdelfattah Mahmoud Youssef. Peer review of manuscript submitted to medical journals. Middle East Fertility Society Journal 2012; 17 (2): 139-143


PORTFOLIO

Workshops

2014  Training of Trainers “ToT” organized by the German Academic Exchange Service (DAAD), Cairo

2014  Change Agents for Egypt-Network Activity for Future University Leaders. the German Academic Exchange Service (DAAD), Cairo

2013  UNILEAD Egypt program: University Leadership and Management Training Course by the German Academic Exchange Service (DAAD), Cairo and the Carl von Ossietzky University of Oldenburg in Germany.

2013  Project management professional training course in Cairo by Knowledge Hut http://www.knowledgehut.com/course/302/PMP/Egypt/901/workshop-Dec

2013  Improving standards - Adapting RCOG guidelines for local use workshop arranged by RCOG at 1st FIGO Africa Regional Conference of Gynaecology and Obstetrics. October 2-5, 2013 • Addis Ababa, Ethiopia

2013  Pre-congress course 12: Task Force Management of Fertility Units in conjunction with the Special Interest Groups Andrology / Embryology / Reproductive Surgery & Safety and Quality in ART “Total quality management (TQM) in an IVF Centre” organized by ESHRE -2013-UK

2013  “ Your Future in Science: Writing and Publishing a Scientific Paper “organized by Prof. Dr. Mary M. Christopher at JARCU-Cairo University - Egypt 23 April 2013

2013  “Evidence based medicine in clinical Drug safety and Effectiveness” organized by FDA at Cairo University from 8-9 April 2013

2013  Pre-congress workshop-(Assisted reproductive technology) - Cairo University- Cairo- Egypt. As speaker

2012  “ Authorship and Reviewing “ presented by Ewa Kittel-Prejs Journals Publishing Director Elsevier and organized by the Academy of Scientific Research and Technology

2012  “ Biostatistics II academics” online course organized by Statistics.com

2012  “Power-analysis for Cluster-randomized and Multi-site Studies” online course organized by Statistics.com

2012  German Academic Exchange Service (DAAD) Funding Opportunities and How to evaluate candidates for DAAD. At Kasr Al-Aini Conference Center, Hall B, 28th May 2012

2012  How to write a proposal: The Technical Support Office for projects & Grants in collaboration with German Scientific Exchange Service (DAAD). Monday 4 June 2012, from 9:00 am -4:00 pm. Venue: Learning Resource Center (LRC) at Kasr AlAiny

2011  UNFPA Arab States Regional Office “Reproductive Health and Health Systems Strengthening Synergies” Workshop (29 May 2011- 02 June 2011) organized by Maha El-Adawy, RH Technical Advisor, UNFPA, ASRO Margaret Kruk, Columbia University
2012 Pre-congress workshop-(Assisted reproductive technology) - Cairo University- Cairo- Egypt. As speaker  
2012 Pre-congress workshop (Intensive Workshop in Urogynecology and Reconstructive Pelvic Surgery) 10-12 April 2011- Cairo University- organizing committee and speaker  
2011 Pre-congress workshop-(Assisted reproductive technology) - Cairo University- Cairo- Egypt. As speaker  
2011 Pre-congress workshop (Intensive Workshop in Urogynecology and Reconstructive Pelvic Surgery) 10-12 April 2011- Cairo University- organizing committee and speaker  
2010 Training workshop for journal editors organized by Prof. Dr. Mary M. Christopher at STMPU-Cairo - Egypt  
2009 Advanced clinical epidemiology course- University of Amsterdam (UVA)-Netherlands.  
2009 Oral presentation course - University of Amsterdam (UVA)-Netherlands.  
2009 Clinical data management - University of Amsterdam (UVA)-Netherlands.  
2009 Basic course “the AMC World of Science”- University of Amsterdam (UVA) - Netherlands.  
2009 Mild IVF precongress course - ESHRE - Amsterdam - Netherlands  
2009 Pub Med biomedical sciences University of Amsterdam (UVA)-Netherlands  
2009 Reference Manager 12 Advanced course. University of Amsterdam (UVA)-Netherlands  
2008 Cochrane database Workshop – Dutch Cochrane Centre- University of Amsterdam (UVA)-Netherlands.  
2008 Scientific Writing Workshop- University of Amsterdam (UVA)-Netherlands.  
2008 Evidence based medicine course- how to use Pub med, Web of science and Reference manager - University of Amsterdam (UVA)-Netherlands.  
2008 Essential clinical epidemiology course- University of Amsterdam (UVA)-Netherlands.  
2008 Practical and advanced biostatistics course- University of Amsterdam (UVA)-Netherlands.  
2004 Evidence based medicine course- Cairo university- Egypt  
2004 Quality control course - Cairo University – Egypt
Oral and poster presentations


2015  The 29th Annual scientific meeting for obstetrics & gynaecology department- Faculty of Medicine-Alexandria University, Egypt. Oral presentation - Speaker

2014  21st Annual meeting of Middle East Fertility Society (MEFS) - Dubai- UAE-2014, 2 oral presentations & chairperson


2014  11th International Symposium on GnRH the hypothalamic-pituitary-gonadal axis in cancer and reproduction- Salzburg- Austria: Accepted oral presentation, Speaker

2014  Ismailia Obstetrics & Gynaecology Syndicate symposium

2014  8th Annual Meeting of Department of Obstetrics & Gynaecology - Sohag University

2014  Annual Meeting of department of Obstetrics & Gynaecology- South Vally University

2013  1st FIGO Africa Regional Conference of Gynaecology and Obstetrics. October 2-5, 2013 • Addis Ababa, Ethiopia. 2 Oral presentations, Speaker & chairperson

2013  The 69th ASRM Annual Meeting - Boston-USA. 3 Poster presentations

2013  The 29th Annual Meeting of European Society of Human Reproduction & Embryology - London 2013. 1 poster presentation

2013  1st International Medical writing congress- Dubai-UAE- Oral presentation, Speaker

2013  The third Annual International Meeting of Egyptian Representative Committee ERC, Egypt, oral presentation – Oral presentation, Speaker

2013  The 27th Annual scientific meeting for obstetrics & gynaecology department- Faculty of Medicine-Alexandria University, Egypt. 3-4 May 2012- Oral presentation - Speaker

2013  11th annual meeting of obstetrics & gynaecology departments - Faculty of Medicine-Al- Azhar University, Egypt. 2 Oral presentations & Speaker

2012  12th Annual Scientific Meeting for Obstetrics & Gynaecology, Department Faculty of Medicine - Cairo University, Egypt: oral presentations & Speaker

2012  The Egyptian fertility society conference- Cairo -Egypt. 1 Oral presentation & Speaker

2012  19th Annual meeting of Middle East Fertility Society (MEFS) - Dubai- UAE-2013, 2 oral presentations & speaker

2012  The 28th Annual Meeting of European Society of Human Reproduction &- Istanbul 2012. 2 POSTERS presentations

2012  10th annual meeting of obstetrics & gynaecology departments-Faculty of Medicine- Al-Azhar University, Egypt. June 14-15/2012- Oral presentation & speaker
The Second Annual International Meeting of Egyptian Representative Committee ERC, Egypt, oral presentation – Oral presentation & speaker

2012 26th Annual scientific meeting for obstetrics & gynecology department- Faculty of Medicine-Alexandria University, Egypt. 3-4 May 2012- oral presentations and speaker

2012 11th Annual Scientific Meeting For Obstetrics & Gynecology Department Faculty of Medicine - Cairo University, Egypt : oral presentations & speaker

2011 18th Annual meeting of Middle East Fertility Society – Lebanon, 2 oral presentations & speaker

2011 67th ASRM (American society of reproductive medicine- USA ): 3 posters presentation

2011 7th Royan International Twin Congress Reproductive Biomedicine & Stem Cell- Tehran Iran

2011 The 27th Annual Meeting of European Society of Human Reproduction- Stockholm-SWEDEN: 2 oral presentations and speaker

2011 25th Annual Scientific Meeting For Obstetrics & Gynecology Department Faculty of Medicine - Alexandria University 4-6 May 2011 : 2 oral presentations and speaker

2011 Alexandria workshop for women health, oral presentation

2011 10th Annual Scientific Meeting For Obstetrics & Gynecology Department Faculty of Medicine - Cairo University : oral presentations & speaker

2011 10th International Symposium on GnRH the hypothalamic-pituitary-gonadal axis in cancer and reproduction- Salzburg- Austria: 2 oral presentation, speaker and 1 poster

2010 The 28th Annual Meeting of European Society of Human Reproduction- ROME): 2 oral presentations & speaker

2010 66th ASRM (American society of reproductive medicine ASRM (American society of reproductive medicine): poster presentation

2010 17th Annual meeting of Middle east fertility society- Damascus: 3 oral presentations & speaker

2009 The 27th Annual Meeting of European Society of Human Reproduction &ESHRE - Amsterdam - Netherlands. Oral presentation

2010 9th Annual Scientific Meeting For Obstetrics & Gynaecology Department Faculty of Medicine - Cairo University : Oral presentation & speaker

2010 Suzan Mubarak for women health and development ,Alexandria conference- Oral presentation& speaker

2009 ESHRE (European society for human reproduction and embryology) - Amsterdam - Netherlands. Oral presentation (01 July 2009)
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<th>Year</th>
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<tr>
<td>2016</td>
<td>Incentive award of state</td>
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<td>2016</td>
<td>International publication awards</td>
<td>Cairo University, Egypt</td>
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<td>2015</td>
<td>Middle East Fertility society conference (Dr. samir Abbas Award)</td>
<td>Sharm Elshikh-Egypt</td>
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<td>Miser Elkhair Foundation, Egypt</td>
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<td>2014</td>
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<td>Egyptian Fertility &amp; Sterility</td>
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<td>Society (EFSS)- Egypt</td>
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<td>Miser Elkhair Foundation, Egypt</td>
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<td>2013</td>
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<td>2012</td>
<td>Merck Sorono Infertility innovation award</td>
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<td>2012</td>
<td>Cairo University incentive award</td>
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<td>Award of the best article presented at middle east fertility society conference</td>
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<td>2011</td>
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<td>2010</td>
<td>Grant for clinical &amp; research fellowship at AMC-Center for Reproductive Medicine-</td>
<td>Egypt</td>
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<td>Amsterdam- Netherlands</td>
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Acknowledgements

My interest in the female infertility & assisted reproduction arena started to grow since the early beginnings of my residency in Cairo university hospital. Since then, I started a non-stop quest for a learning opportunity in this field. Fortunately, I landed on an Egyptian grant which allowed me to carry out my MD research project in the field of my passion, in addition to a training opportunity abroad. Then I started to contact many experts in the field. I was thrilled when I got a reply from Prof. dr. Fulco with his acceptance to supervise my research project in the AMC.

Fulco, Madelon and Monique, I would like to express my deep gratitude for the opportunity; not only did I come to work in a topic that I love but I was also part of a big dynamic and diverse team. It has always been a pleasure to work with you, facing the challenges that came our way. You have contributed in many ways to this thesis.

Fulco, - the dignified mentor of CVV- you taught me the secrets of proper scientific thinking, writing and how to incorporate evidence based medicine in my daily practice with patients. You give me the opportunity to be part of your team for more than 8 years and encouraged me to proceed in my PhD projects with patience. I learned from you how to be enthusiastic and persistent to do my work perfectly. Your advice on both research, as well as my career has been priceless. When I went back to Egypt in 2010, you advised me to establish my team and try to continue my research work and to expand my knowledge and experience. You supported me and my colleagues to hold our first symposium “Upper Egypt ART” which was successful and fruitful. I could not wish for a better advisor and mentor for my Ph.D study; it was a truly life changing opportunity for me.

Madelon “Bescherm angel” I cannot have enough words to express my gratitude to the effort and time that you spent to teach me how to write a manuscript, understand statistics and how to deal with reviewers and editors comments. You always solved my problems and fixed my frequent mistakes with your warm smile and kind heart. I would like to greatly thank you for answering all my questions whenever I brought them to you. Not only that, I cannot forget how much you helped me to overcome my stress and disappointments during my first year in AMC, you were always concerned about me and my family.

Monique, the strong and dynamic lady of CVV, you monitored my first ovum-pickup training attempts in CVV clinic. I would like thank you for your continuous support during my Ph.D research, for your patience, motivation, and immense knowledge. Your guidance helped me during the research work and writing of this thesis. You spent a lot of time editing many
manuscripts included in this thesis, you used to give me the hope that this work will come to light soon & here it is.

Hesham -my great professor-, I would like to express my sincere gratitude for your continuous support to me when I was in the AMC. You are the first person who helped me to come to Netherlands, meet Fulco and start my entire career in the AMC. You spent many days showing to me what should I do and what is the best way to be a good clinician, as well as a researcher. Because of your professional network, many IVF centers accepted to participate in PRIMA study, the topic of my PhD. Without your help & continuous persistence & negotiation, I would not be able to defence my PhD.

Beatrix and Marjolein, you have always been there for me, I would like to thank you for your valuable help on all administrative works of my thesis. Of course, this was only a small part of your continuous help you kindly offered me, which I'll never forget and will always be grateful to you.

I would like to thank the rest of my committee members, Prof. dr. Broekmans, Prof. dr. Elgindy, Prof. dr. Goddijn, Dr. Khalaf, and Prof. dr. Lambalk. Thank you for accepting to be part of the committee and I am looking forward to our discussion as well.

To all researchers, doctors, nurses and other colleagues from the CVV, Cairo university hospital-Egypt, Royan institute-Iran, Avicenna institute-Iran, Orient hospital-Syria and Banha university hospital-Egypt thank you for your contribution to PRIMA study described in this thesis.

A special thanks to all couples that have participated in studies described in this thesis.

Femke and Miriam; I would like to thank you separately for accepting to be my paranymphs and stand next to me at this special day. Thank you for all the help with the organization and for keeping up the motivation.

A special thanks to my family. Words cannot express how grateful I am to my mother, father brothers and sisters for all of your sacrifices to me. Your prayers were the driving force that pushed so far. I would also like to thank all my friends who supported me in writing, and motivated me to strive towards my goal. I dedicate this thesis to the memory of my mother, whose role in my life was, and remains, immense.

At the end I would like express appreciation to my beloved wife Neveen stood by me all these years and made them the best years of my life, you have been caring and patient and loving. Youssef, Leena and Layla, my lovely family, raising you up is the greatest blessing
and the sweetest adventure and challenge of my life. May be you will not read this book but I am sure you will read these few lines to see how much I love you.
About the author

The author of this thesis was born on August 6th, 1973 in Giza, Egypt. He did his Master and M.D of Obstetrics and Gynecology at Cairo University between 2002 and 2010. In 2008 he started at the Center of Reproductive Medicine of the Academic Medical Center as a research fellow on the topic ovarian stimulation under the supervision of prof. dr F.van der Veen, prof. dr Hesham Alinany, and dr M.van Wely and dr M. Mochtar.

Currently, he is working as an assistant professor at the department of Obstetrics and Gynecology at the Faculty of Medicine, Cairo University, Egypt. He is married from Nevin Abdul-Aziz Gad and has three children, Youssef, Leena and Laila.