



**Ashok Agarwal, PhD, HCLD** Ashok Agarwal, PhD., HCLD, is the Director of the Andrology Center and the Director of Research at the American Center for Reproductive Medicine. He holds these positions at Cleveland Clinic, where he is a Professor at the Lerner College of Medicine of Case Western Reserve University and, since 1993, Senior Staff in the Glickman Urological and Kidney Institute, Obstetrics-Gynecology, Women's Health Institute, Anatomic Pathology, and Immunology. Ashok received his Ph.D. in 1983 from Banaras Hindu University, India and did his post-doctorate training in Reproductive Biology under a fellowship from The Rockefeller Foundation at Harvard Medical School in Boston, Massachusetts. He was an Instructor in Surgery and then an Assistant Professor of Urology at Harvard Medical School from 1988 to 1992. Ashok was appointed in 1993 by the Cleveland Clinic Foundation, Ohio, as the Head of the Clinical Andrology Center, which over the years under his leadership, has become a center of excellence in the United States for the diagnosis of male infertility and fertility preservation of men with oncological conditions. He is board certified as a Clinical Laboratory Director in Andrology by the American Board of Bioanalysis and an Inspector for the College of American Pathologists "Reproductive Laboratory Program" for accreditation of Andrology & IVF Laboratories. Ashok served as the Chairman of the Board of the American College of Embryology from 2009 to 2012. He is the recipient of several awards, such as the 2011 Innovator Award from Cleveland Clinic Innovations for the development of "Remote Sperm Banking Kits"; Scholarship in Teaching Awards from the Case Western Reserve University School of Medicine for both the annual Summer Internship Course in 2011, 2013 and 2014, and for the Training Program in Advanced Reproductive Techniques in 2013 and 2014.

Ashok has published over 582 scientific papers and review articles in peer reviewed scientific journals, authored over 200 book chapters, and presented over 800 papers at both national and international scientific meetings. His Hirsch index (h-index) as of June 2017 is 122 on Google Scholar, 82 on Scopus, while his citation count is 50,736 on Google Scholar. According to ResearchGate, he has an RG score of 52.54 on 1753 publications. Ashok is ranked in Scopus as the #1 author in the world in the fields of Male Infertility/Andrology and Human Assisted Reproduction, based on his number of peer reviewed publications, citation scores and h-index. Ashok is an editor of over 34 medical text books/manuals related to male infertility, ART, fertility preservation, DNA damage and antioxidants. He is the guest editor of 8 special journal issues. He is a member or office bearer of several professional societies, editorial board member of over 10 PubMed indexed journals and the Associate Editor of World Journal of Men's Health. He is also an ad hoc reviewer of over 50 scientific journals.

Ashok is active in basic and clinical research and over the past 25 years his laboratory has trained more than 500 basic scientists and clinical researchers from the United States and more than 50 countries. Ashok has been invited as a guest speaker at important international meetings in more than 30 countries. He has directed more than a dozen ART and Andrology Laboratory Workshops and Symposia in recent years. His laboratory has provided hands on training in Embryology and Andrology techniques to over 185 candidates from more than 40 countries. Ashok is the Program Director of a unique and highly successful Summer Internship Course in Reproductive Medicine. In the last 10 years, over 220 pre-med and medical students from across the United States and over 20 countries have graduated from this highly competitive program. Ashok is the recipient of over 100 research grants. His current research interests are identifying biological markers of oxidative stress, DNA damage and apoptosis using proteomic research tools and bioinformatics analysis as well as preserving fertility in patients with cancer.

Ashok is actively involved in laboratory and clinical studies assessing the efficacy of certain antioxidants in improving the male fertility. For information on Ashok's research, visit: [www.CCF.Org/ReproductiveResearchCenter](http://www.CCF.Org/ReproductiveResearchCenter) and [https://www.researchgate.net/profile/Ashok\\_Agarwal2](https://www.researchgate.net/profile/Ashok_Agarwal2) Ashok could be contacted by email: [agarwaa@ccf.org](mailto:agarwaa@ccf.org); phone: +1-216-444-9485 and Skype: AshokAgarwal.Cleveland



**Ahmad Majzoub, MBChB, MD, CABU** Dr. Ahmad Majzoub is a specialist in the fields of Andrology and Male Infertility, currently holding the position of Associate Consultant at the department of Urology at Hamad Medical Corporation, Doha, Qatar. He obtained his MBChB from Beirut Arab University in 2005 and proceeded to complete his residency training in Urology in Qatar to become an Arab Board Certified Urologist. Dr. Majzoub underwent a specialized two-year training in Andrology and Male Infertility at the Hamad Medical Corporation and did a second Clinical and Research Fellowship in Andrology at the world-famous Glickman Urological and Kidney Institute and the American Center for Reproductive Medicine at Cleveland Clinic Foundation, Cleveland, United States.

Dr. Majzoub provides services in General Urology, Andrology and Male infertility offering endoscopic, microsurgical, reconstructive and prosthetic surgeries for his patients. His interests extend towards the management of chronic pelvic pain syndrome in men and has opened the first dedicated pelvic pain clinic in the region.

Dr. Majzoub has done extensive work in the field of Andrology and Men's Health and has been very active with over 70 research publications at peer reviewed journals and several book chapters. He is a reviewer at several high impact medical journals and is an active member of the American Urological Association, the American Association for Reproductive Medicine, the European Association of Urology, the European and International Societies of Sexual Medicine and the Arab Association of Urology. He holds editorial positions at a number of scientific journals and has had several speaker participations at national and international conferences.

Dr. Ahmad Majzoub can be reached at [dr.amajzoub@gmail.com](mailto:dr.amajzoub@gmail.com) or +(974)66676970. For more information, visit ResearchGate: [https://www.researchgate.net/profile/Ahmad\\_Majzoub](https://www.researchgate.net/profile/Ahmad_Majzoub)



**Sandro Esteves, MD, MSc, PhD** Sandro Esteves is Medical and Scientific Director of ANDROFERT -Andrology and Human Reproduction Clinic- a referral Fertility Center for Male Reproduction in Brazil. He holds this position since 1997.

Sandro earned his MD in 1990 from the University of Campinas (UNICAMP), Brazil, where he did residency training in General Surgery and Urology. He completed his training in the United States (1995-1996) as a Research Fellow at the Cleveland Clinic's American Center for Reproductive Medicine. He received his Master Degree in Surgery from the University of Campinas (UNICAMP, Brazil) in 1998, and his PhD. in Medicine (Urology) from the Federal University of São Paulo (UNIFESP, Brazil) in 2001.

Dr. Esteves is a board-certified Urologist by the Brazilian Society of Urology (SBU), and certified Assisted Reproductive Technology (ART) Center director and IVF consultant by the RedLatinoAmericana de Reproducción Asistida (RedLara) and Brazilian Society of Assisted Reproduction (SBRA), respectively. He has 20 years of experience in directing a busy Fertility Center providing a full range of diagnostic and treatment services.

Sandro Esteves is Collaborating Professor in the Department of Surgery (Division of Urology) at the University of Campinas (Brazil), with an appointment in the subspecialty residency program as coordinator of the advanced male infertility module. Sandro is also Honorary Professor of Reproductive Endocrinology at the Faculty of Health, Aarhus University, Denmark, and Research Collaborator at both the Cleveland Clinic's Center for Reproductive Medicine (USA) and Genetic Unit, Department of Biology, Universidad Autónoma de Madrid, (Spain). He also holds an honorary title of Clinical Tutor in Urology at the University of Edinburgh (UK).

Sandro is well published and has over 200 scientific papers and reviews in peer-reviewed journals and over 80 chapters in textbooks. His current Hirsch index (h-index) is 33 while his citation count is more than 3,100 (Google Scholar). His research/clinical interests include male infertility and microsurgery, reproductive endocrinology, IVF cleanroom technology, and quality management.

He is currently an editor of 6 textbooks related to male infertility, reproductive medicine, and ART. He is also a guest editor of 4 special issues in scientific journals on topics related to reproductive medicine. Sandro serves the Editorial Board of several Journals and is Associate Editor of International Brazilian Journal of Urology and Frontiers in Endocrinology (Reproduction). He is also a Faculty member of F1000Prime in the area of reproductive endocrinology & infertility since 2016.

Sandro Esteves has been invited as guest speaker at many international meetings in over 30 countries. He is the recipient of the "Alumni of the Year" Award from the Cleveland Clinic Center for Reproductive Medicine, and the Star Award from the American Society for Reproductive Medicine. Sandro is married to Fabiola, and has two sons, Alexandre and Catarina.

Sandro can be reached via email [s.esteves@androfert.com.br](mailto:s.esteves@androfert.com.br) and telephone +55.19.3295.8877. To learn more about Sandro Esteves and his professional activities, visit the website of ANDROFERT Center: <http://www.androfert.com.br> and ResearchGate: [https://www.researchgate.net/profile/Sandro\\_Esteves](https://www.researchgate.net/profile/Sandro_Esteves)



**Chak-Lam Cho, FRCS (Urology) (Edin), FHKAM (Surgery), FCSHK (Urology)** Dr. Cho holds the position of associate consultant at the Department of Surgery of Kwong Wah Hospital in Hong Kong since 2013. He obtained his medical degree in 2004 from the Chinese University of Hong Kong and completed residency training in Urology at Hong Kong and obtained the Fellowship from the Royal College of Surgeons of Edinburgh in 2012. Dr. Cho was awarded the corporate scholarship from the Hong Kong Hospital Authority and completed his training in male reproductive medicine in 2015 at the American Center for Reproductive Medicine, Cleveland Clinic, Cleveland and the Center for Male Reproductive Medicine and Microsurgery, Weill-Cornell University, New York. His interest also includes reconstructive urology and he received training at various centres in USA, Italy and Germany.

Dr. Cho is currently the honorary clinical assistant professor at both the Chinese University of Hong Kong and the University of Hong Kong. Since 2015, he is the trainer for higher surgical training in urology by the College of Surgeons of Hong Kong. He is a faculty member of the Asian Urological Surgery and Training Education Group and participate in the lower tract surgery training. He has been invited as guest speaker and trainer in various regional meeting and courses.

In addition to benign prostatic hyperplasia-related surgery and urinary stone surgery, his clinical interest includes varicocelectomy, sperm retrieval techniques and genitourethral reconstructive surgery. He has also published several reviews on oxidative stress and sperm DNA fragmentation in the pathophysiology of male infertility. He is one of the pioneer in the procedure of bipolar transurethral enucleation of the prostate in Hong Kong and has publication on his series.

Chak-Lam can be reached via email [chochaklam@yahoo.com.hk](mailto:chochaklam@yahoo.com.hk) and phone +852-93713734. To learn more about Chak-Lam Cho, visit the website of ResearchGate [https://www.researchgate.net/profile/Chak\\_Lam\\_Cho](https://www.researchgate.net/profile/Chak_Lam_Cho)

doi: 10.21037/tau.2017.09.21

View this article at: <http://dx.doi.org/10.21037/tau.2017.09.21>