# **Besher Al Attar**

Saudi Center for Organ Transplantation P.O. Box 27049, Riyadh 11417 Kingdom of Saudi Arabia Tel: 011-445 1100 ext. 1122, Fax: 011-445 3934 attar@scot.gov.sa

### **Academic Qualifications**



Medical School of Medicine University of Damascus – Syria	1976 - 1982
M.D. Thesis: Principle of Organ Transplantation Damascus University Hospital – Syria	1981 - 1982
Medical Doctor (M.D) Graded very good Faculty of Medicine University of Damascus, Syria	1982
Specialty in Internal Medicine and Nephrology Faculty of Medicine University of Paris V, France.	1982 - 1987
Diploma of Assistant Nephrologist Faculty of Medicine-Rene Descartes, Paris V- France.	1985
Diploma of Paris Hospital – Resident Faculty of Medicine - Rene Descartes Paris V- France.	1986
French Board in Nephrology (C.E.S) Certificat d'etudes Speciales de Nephrology Faculty of Medicine Rene Descartes, Paris V, France.	1987
Visiting Professor in Organ Procurement at The National Institute of Transplantation (Prof. Robert Mendez), University of Southern California (USC) – Division of Multi Organ Transplantation, Los Angeles – California.	July 1998 – Aug. 1998

## Trainings

Medical Resident in Internal Medicine Department	Oct. 1982 – Oct.
West Paris University Hospital, Ambroise Pare	1984
Prof. D. FRITEL, Boulogne, France.	
Medical Resident in Nephrology Department and A.K.U.	Oct. 1984 – Oct. 1987
West Paris University Hospital, Ambroise Pare Prof. D. FRITEL, Boulogne, France.	
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Training in I.C.U. Nephrology and Kidney Transplantation	Oct. 1986 – Oct.
Broussais University Hospital, Paris, France.	1987
Certificate of Completion – National Institute of Health (NIH) Web based training course "Protecting Human	August 2011
Research Participants".	
Certificate of Completion – National Institute of Health (NIH) Web based training course "Protecting Human	October 2017
Research Participants".	
Training Course of the National Committee of Bio-Ethics (NCBE)	March 14, 2018
King Abdulaziz City for Sciences and Technology (KACST)	Murch 14, 2010
Immunological Aspect in Solid Organ Transplantation (32 hours online interactive course conducted in Transplantation Society (TTS)	by 1 May 2019
Online Course: 2019 EODD Session 1: Donation after Circulatory Death	October 2019
Online Course Transplant and Procurement Management (TPM): Donation after	December 2019
Cardiac Death	
Diploma as faculty Transplant Procurement Management By DTI-TPM intermediate training course	2020 / 2021
Sproma as judates Transplane Trocar onione Management by DTT TT Minter include et anning course	2020 / 2021
Present Position	

Director of Donor affairs and organ allocation department Saudi Center for Organ Transplantation Riyadh, Kingdom of Saudi Arabia

Year 2021 – Present

#### **Past Position**

Director of Development and Enabling Department Saudi Center for Organ Transplantation Riyadh, Kingdom of Saudi Arabia	Year 2022 - 2023
Executive Director of Clinical Services Saudi Center for Organ Transplantation Riyadh, Kingdom of Saudi Arabia	Year 2018 - 2021
Medical Director Saudi Center for Organ Transplantation Riyadh, Kingdom of Saudi Arabia	Year 1998 - 2018
Full Member of the Editorial Board, Scientific Editor and Arabic Text Editor of Saudi Journal of Kidney Diseases and Transplantation.	Year 1998 - 2021
Member, Institutional Review Board Saudi Center for Organ Transplantation Riyadh, Kingdom of Saudi Arabia	June 2011 - 2021

## Experience

Assistant Nephrologist in Nephrology Department and A.K.U. Prof. A. BACLIN, Boulogne, France.	Oct. 1987 – Oct. 1990
Following up Kidney Transplantation Patients West Paris University Hospital, Amboise Pare Prof. Ph. FRANTZ, Boulogne, France.	Oct. 1989 – Oct. 1990
Supervising Specialist of Nephrology Department Damascus University Hospital	Feb. 1991 – Nov. 1991
Assad Hospital, Damascus – Syria.	
Consultant Nephrologist and Chief of A.K.U. King Khalid Hospital Tabuk	Dec. 1991 – Dec. 1994
Kingdom of Saudi Arabia.	
Consultant Nephrologist Saudi Center for Organ Transplantation Riyadh, Kingdom of Saudi Arabia.	Dec. 1994 – Present
Scientific Editor of Medical Section "Al-Tawasol" Arabic Monthly Bulletin (175 issues).	1997-2011
Visiting Professor in Organ Procurement at The National Institute of Transplantation (Prof. Robert Mendez),	July 1998 – Aug. 1998
Nobert Mendez), University of Southern California (USC) – Division of Multi Organ Transplantation, Los Angeles – California.	
Co-established and run hemodialysis services in Prince Salman Kidney Disease Center- Riyadh, K.S. A.	Nov. 2000 – Dec. 2004
Representative for Organ Donation and Transplantation – Kingdom of Saudi Arabia to SSN, MESOT, ASNRT, ERA-EDTA, ISODP and ESOT.	2008 - Present
Organizer and Speaker for Seminar on Deceased Donor and Organ Donation (National and International level)	2008 - Present
Organizer and Chairman – World Kidney Day – National level	2008 - Present
Member Scientific Committee, 4 <sup>th</sup> Annual International Conference of Saudi Society of Nephrology. King Fahd Cultural Center – Riyadh, Saudi Arabia.	April 2009
Culturul Center – Kiyuun, Suudi Arabia.	
Chairman, 11th Congress of the Arab Society of Nephrology and Renal Transplantation – Damascus, Syria	May 2010
Chairman and Speaker – 12th Congress of the Middle East Society for Organ Transplantation – Tunis, Tunisia	October 2010
Secretary General, Member Higher Organizing Committee and Speaker – 2 <sup>nd</sup> Gulf Cooperation Council Organ Transplantation Congress. Riyadh, Saudi Arabia.	October 2011
Chairman and Speaker – 13 <sup>th</sup> Congress of the Middle East Society for Organ Transplantation – Abu Dhabi, UAE	December 2012

### **Experience** Continuation

Organizer and Speaker – Seminar on Deceased Donor and Organ Donation, Pre-congress Workshop, The Saudi	March 2013
International Committee on New Frontiers in Organ Transplantation – Riyadh, Saudi Arabia	
Presenter of Scientific Paper-16 <sup>th</sup> Congress of the European Society for Organ Transplantation – Vienna, Austria	September 2013
Speaker - 14 <sup>th</sup> Congress of the Middle East Society of Organ Transplantation – Istanbul, Turkey	September 2014
Organizer and Speaker – 1 <sup>st</sup> Symposium and Workshop of the International Society for Organ Donation and Procurement (ISODP) – Riyadh, Saudi Arabia	January 2015
Co-established - Maximizing Cooperation between ICU and SCOT (MCIS) project – Riyadh, Saudi Arabia	May 2015
Presenter of Scientific Paper and Oral Presentation – 17th Congress of the European Society for Organ Transplantation – Brussels, Belgium	September 2015
Speaker and Organizer – Seminar on Deceased Donor and Organ Donation, Dammam, Saudi Arabia	February 2016
Speaker and Organizer – Seminar on Deceased Donor and Organ Donation, Amman, Jordan	March 2016
Organizer and Speaker – Seminar on Deceased Donor and Organ Donation for Imam Muhammad Ibn Saud Islamic University, Riyadh, Saudi Arabia	April 2016
Invited Speaker – 7th Annual Saudi Critical Care Conference (1st Trans-Middle Conference), Riyadh, Saudi Arabia	April 2016
Organizer, Moderator and Speaker - 2 <sup>nd</sup> Gulf Organ Donor Management Conference, Al- Khobar, Saudi Arabia	May 2016
Organizer and Speaker – Seminar on Deceased Donor and Organ Donation, Bahrain	August 2016
Lecturer in pre-congress workshop - Deceased Donor and Organ Donation 15 <sup>th</sup> Congress of MESOT, Amman, Jordan	September 2016
Organizer and Speaker – 1 <sup>st</sup> Brain Death and Organ Donation Symposium  and Simulation Workshop on the Diagnosis and Management of Brain Death Organ Donor, Riyadh, Saudi Arabia	November 2016
Organizer and Speaker – 3 <sup>rd</sup> GCC Organ Transplantation and Nephrology Congress, Kuwait City, Kuwait	January 2017
Presenter of Scientific Paper - 35 <sup>th</sup> Egyptian Society of Nephrology and Transplantation (ESNT) and 13 <sup>th</sup> Congress of Arab Society of Nephrology and Renal Transplantation (ASNRT), Cairo, Egypt	February 2017

March 2013

## **Experience** Continuation

Presenter of Scientific Paper – 14 <sup>th</sup> Congress of the International Society for Organ Donation and Procurement, Geneva, Switzerland	September 2017
Presenter of Scientific Paper – 18 <sup>th</sup> Congress of the European Society for Organ Transplantation, Barcelona, Spain	September 2017
Organizer and Scientific Committee – Advances in Kidney Transplantation Conference in Collaboration with the Saudi Society of Nephrology, Riyadh, Saudi Arabia	October 2017
Organizer and Speaker – Cross-Sectoral Coordination Meeting on Organ, Cell and System Transplant, Jakarta, Indonesia	November 2017
Organizer and Presenter – Symposium on Deceased Organ Donation and Transplantation, Manama, Bahrain	December 2017
Organizer and Speaker – Brain Death and Organ Donation Symposium and Simulation Workshop on Diagnosis and Management of Brain Death Organ Donor, Riyadh, Saudi Arabia	December 2017
Organizer and Speaker – Pre-Symposium, Brain Death and Organ Donation Workshop, Multi-Organ Transplant Symposium, Abu Dhabi, U.A.E.	February 2018
Faculty Member – 1st Edition of the Advanced Training Course in Transplant Procurement Management, Abu Dhabi, UAE	February 2018
Organizer – Brain Death and Organ Donation; A Smart Antibiotic Used in Deceased Organ Donors, Riyadh, Saudi Arabia	March 2018
Presenter of Scientific Paper – 27th International Congress of the Transplantation Society (TTS), Madrid, Spain	July 2018
Guest Speaker – 16 <sup>th</sup> International Congress of the Middle East Society for Organ Transplantation (MESOT), Ankara, Turkey	September 2018
Organizer and Speaker – 6 <sup>th</sup> Saudi International Congress of Nephrology and Transplantation (SCINT), Riyadh, Saudi Arabia	November 2018
Organizer and Guest Speaker – Kidney Health for Everyone Everywhere Symposium; World Kidney Day, Raising Awareness over the Years	April 2019
Speaker – Saudi Center for Organ Transplantation (SCOT) Strategies and Achievements; Red Crescent Headquarters	April 2019
Speaker – Lecture on End Stage Organ Failure and Organ Donation and Transplantation conducted in SCOT for the Red Crescent Personnel	May 2019
Organizer and Speaker – Symposium on Deceased Organ Donation and Transplantation, king Abdullah Hospital, Bisha, Saudi Arabia; Evaluation and Selection of Deceased Donors, Critical Pathways of Deceased Organ Donation in KSA	July 2019
Scientific Committee Member, Chairperson and Speaker – 15 <sup>th</sup> International Society for Organ Donation and Procurement (ISODP) Congress, Dubai, UAE	November 2019

Speaker – 11th International Critical Care Conference (SCCS), Al Faisal University, Riyadh Saudi Arabia	February 18-20, 2020
Faculty and Speaker – Symposium on Deceased Organ Donation and Religion, Ankara, Turkey	March 12-13, 2020
Speaker – Donor Administrative Coordinator Online Course (DAC), Saudi Arabia	December 8, 2020
Faculty and Speaker - 1 <sup>st</sup> Intermediate Transplant and Procurement Management (TPM) Course, Saudi Arabia, Online Course	December 14-16, 2020
Organizer and Speaker – Brain Death and Organ Donation (BDOD) Course, Saudi Arabia, Online Course	February 8-9, 2021
Faculty and Speaker – 2 <sup>nd</sup> Intermediate Transplant and Procurement Management (TPM) Course, Saudi Arabia, Online Course	Mach 8-10, 2021
Speaker – 12th Annual International Critical Care Conference (SCCS), Online Conference	April 5-7, 2021
Faculty and Speaker – Living Well with Kidney Disease Webinar, World Kidney Day, Saudi Arabia	April 10-11, 2021
Organizer and Speaker – Al Faisal University Online Webinar Course;, Saudi Arabia	April 14, 2021
Presenter of Scientific Paper – Virtual World Congress of Nephrology 2021, Organized by the International Society of Nephrology (ISN), Online Congress	April 15-18, 2021
Organizer and Speaker – Brain Death and Organ Donation (BDOD) Course, Saudi Arabia, Online Course	May 23-24, 2021
Presenter of Scientific Paper – 20 <sup>th</sup> European Society for Organ Transplantation Congress	August 29-September 1, 2021
Presenter of Scientific Paper – 17 <sup>th</sup> Congress of the Middle East Society for Organ Transplantation, Amman, Jordan	September 3-5, 2021
Guest Speaker – Features of Kidney Transplantation in the KSA, Saudi Kidney Paired Donation Workshop, King Abdullah University of Science and Technology (KAUST)	November 25, 2021
Guest Speaker – End of Life Care; Resuscitation and Research Conference 2021, Emergency Department, Sultan Qaboos University Hospital	October 17-18, 2021
Attendance – 7th Saudi Society of Nephrology and Transplantation (SSNT) Congress; King Saud University, Riyadh, Saudi Arabia; 24 hours CME accredited	November 18-20, 2021
Guest Speaker – Overview of Organ Donation and Transplantation in Saudi Arabia; Saudi Critical Care Conference Middle East Congress	November 28, 2021
Attendance – Renal Replacement Therapy Conference, Dubai, United Arab Emirates; 16.75 CPD Credit Points	December 9-11, 2021
Attendance – ISN-TTS Webinar: Global Access to Transplantation	December 13, 2021

#### **Publications**

•	More than 75 articles and scientific studies published in indexed journals. More than 30 scientific studies and national data are accepted and presented in interr	national congress related to
•	organ transplantation and nephrology.	lational congress related to
•	Summary of the published articles and scientific studies in the last 15 years.	
	Authored on 3 books	
•		
	https://drive.google.com/drive/folders/1cAVKDKrohDNuLPVwZyTS-DcyrC	<u>JCyQI1?usp=arive_link</u>
Pul	blished Articles and Scientific Studies in Indexes Journals	
*	Causes and Characteristics of Unused Organs. <u>B .A. Al Attar,</u> FAM Shaheen, HZ Ahmed,ZMd Ibrahim, LL Saclayan. Supplement to Experimental and Clinical Transplantation. Dec 2006 Volume 4 Number 2.	2006
*	Deceased Donor Qualities That Affect Renal Transplantation Outcome. <u>B A Al Attar,</u> FAM Shaheen, HZ Ahmed, LL Saclayan. Supplement to Experimental and Clinical Transplantation. Dec 2006 Volume 4 Number 2.	2006
*	Outcome of Liver Transplantation in Saudi Arabia. <u>Al Attar BA,</u> FAM Shaheen, Ibrahim ZM, Saclayan LL, Abeleda MV. Supplement to Experimental and Clinical Transplantation.Dec 2006 Volume 4 Number 2.	2006
*	Heart Donation and Transplantation in Saudi Arabia: A six-year Study. <u>Al-Attar BA</u> , Shaheen FAM, Ahmed HZ, Babiker AQM, Saclayan LL. Supplement to Experimental and Clinical Transplantation.Dec 2006 Volume 4 Number 2.	2006
*	Implications of ICU Stay After Brain Death: The Saudi Experience. <u>Besher Al Attar,</u> Faissal Shaheen, Mohammad AbdulSalam, Abdullah Al Sayari, Abdulqayoum Babiker, Haroun Zakaria, Ahmed Babiker, Levi Saclayan. Experimental and Clinical Transplantation (2006) 2;498-502.	2006
*	Standard and Guidelines for the Construction & Equipements of Dialysis Unit, Directional Guide, Arabic and English, Published by Kelana (Prince Fahd Bin Salman Charity Association for Renal Patient care)	2008
*	Deceased Donor Qualities that Affect Renal Transplantation Outcome, B. A. Al Attar, F.A.M. Shaheen, H.Z. Ahmed, L.L. Saclayan, WCN 2007 Book of Abstracts, T-PO-1428	2007
*	Culture Related Service Expectations: A Comparative Study Using the Kano Model. Fayez F. Hejaili, MD., Lina Assad, MD, Faissal AM Shaheen, MD., Dujana H. Moussa, MD., Ayman Karkar, MD.,Mona AlRukhaimi, MD., Majdah Barhamein, MD., Abdulkareem Al Suwida, MD., Faris F. Al Hejaili, MD., Ali S. Al Harbi MD., Mohamed Al Homrany, MD., <u>Bisher Attar MD</u> ., Abdullah A. Al-Sayyari, MBA, FRCP. Quality Management Health Care. Volume 18, Issue. January – March 2009. Page: 48 – 58.	2009
*	Possible Deceased Donors and Death by Brain Function Criteria in Saudi Arabia; <u>B.</u> <u>Al-Attar</u> , F. Shaheen, M. Souqiyyeh, A. Babiker, M. Abeleda, Saudi Center for Organ Transplantation; Organ Donation Congress, 2009 Organ Donation Congress, 10 <sup>th</sup> ISODP & 16 <sup>th</sup> ETCO. October 4-7, 2009; #1160	2009
*	Deceased Organ Donors in Saudi Arabia: The Potential vs. The Possible; <u>B. Al-Attar</u> , F. Shaheen, M. Souqiyyeh, E. Gadalla, M. Abeleda; Saudi Center for Organ Transplantation; 2009 Organ Donation Congress, 10 <sup>th</sup> ISODP & 16 <sup>th</sup> ETCO. October 4-7, 2009; #26	2009
*	Deceased Donor Qualities and Kidney Transplantation Outcome in Saudi Arabia; <u>B.</u> <u>Al-Attar</u> , F. Shaheen, E. Kheir, Z. Ibrahim, M. Abeleda; Saudi Center for Organ Transplantation; 2009 Organ Donation Congress, 10 <sup>th</sup> ISODP & 16 <sup>th</sup> ETCO. October 4- 7, 2009; #1064	2009
*	Liver Donation and Transplantation in Saudi Arabia; <u>B. Al-Attar</u> , F. Shaheen, Z. Ibrahim, E. Gadalla, M. Abeleda, Saudi Center for Organ Transplantation; 2009 Organ Donation Congress, 10 <sup>th</sup> ISODP & 16 <sup>th</sup> ETCO. October 4-7, 2009; #1031	2009
*	Heart Donation and Transplantation in Saudi Arabia; <u>B. Al-Attar</u> , F. Shaheen, A. Babiker, E. Kheir, M. Abeleda; Saudi Center for Organ Transplantation; 2009 Organ Donation Congress, 10 <sup>th</sup> ISODP & 16 <sup>th</sup> ETCO. October 4-7, 2009; #1032	2009

*	Impact of Recipient and Donor Non-Immunological Factors on the Outcome of Expanded Criteria Deceased Donors Kidney Transplantation; B. Al-Attar, M. Shaheen, A. Al Sayyari, E. Kheir, F. Shaheen, Saudi Center for Organ Transplantation; 2009	2009
*	Organ Donation Congress, 10 <sup>th</sup> ISODP & 16 <sup>th</sup> ETCO. October 4-7, 2009; #1116 Clinical Practice Measures for Hemodialysis Centers in Saudi Arabia, Published by Kelana (Prince Fahd Bin Salman Charity Association for Renal Patient care), ISBN: 978-603-90063-1-2,	2009
*	Impact of Recipient and Donor Non-Immunologic factors on the Outcome of Deceased Donor Kidney Transplantation. Shaheen MF, Shaheen FA, <u>Attar B</u> , Elamin K., Al Hayyan H., Al Sayyari A. King Saud Bin Abdulaziz University for Health Sciences, King Abdulaziz Medical City, Riyadh, Saudi Arabia. Transplant Proc. 2010 JanFeb; 42(1):273-6. Transplant Proc. 2010. Jan. Feb; 42 (1):273-6.	2010
*	Prevalence of Anemia in Pre-Dialysis Chronic Kidney Disease Patients. Faissal A.M. Shaheen, Muhammad Ziad Souqiyyeh, <u>Besher Adib Al-Attar</u> , Ayman Karkar, Ayman Mohammad Hikmat Al Jazairi, Laila Siraj Badawi, Omar Mahmoud Ballut, Ali Hassan Hakami, Mohammad Naguib, Mohammad Attiah Al-homrany, Majdah Yasin Barhamein, Adel Mansoor Ahmed, Maher Mohammad Khardaji, Said Abduslam Said, Medical Department, Saudi Center for Organ Transplantation. Saudi Journal of Kidney Diseases and Transplantation; Volume 22 May 2011 Issue No. 3 pages 456- 463.	2011
*	Comparison of Expanded Criteria Kidneys with 2-tier standard Criteria Kidneys: Role of Delayed Graft Function in Short – term Graft Outcome. Faisal Abdulraheem Shaheen, <u>Besher Attar</u> , Fayez Hejaili, Saleh Binsalih, Abdullah Al Sayyari. Experimental and Clinical Transplantation. Volume 10, Issue 1 – Feb. 2012.	2012
*	Liver Donation and Transplantation in Saudi Arabia. Faissal A.M. Shaheen, Besher Al-Attar, Muhammad Ziad Souqiyyeh, Zayed Mohd Ibrahim, Elsayed Abdelaziz Gadallah, Michael Ventura Abeleda, Muneera H. Al-Qthami, Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia. Experimental and Clinical Transplantation (2014) Suppl 1:17-19.	2014
*	Organ Donation from Deceased Donors: A Proactive Detection Progran in Saudi Arabia. Faissal A.M. Shaheen, Muhammad Ziad Souqiyyeh, Besher Attar, Amal Ibrahim, Abdulla Alsayyari. Experimental and Clinical Transplantation (2015) Suppl. 3,:1-3, Volume 13, November 2015	2015
*	Trends in Deceased Donor Kidney Availability and Utilization in the Kingdom of Saudi Arabia, Fayez Hejaili, Besher Attar, Faissal A.M. Shaheen, Experimental and Clinical Transplantation (2017) 4:381-386.	2017
*	Non-Recovered and Discarded Deceased Organs in Saudi Arabia 2012-2016; AM Shaheen, F.; Al-Attar, B; Follero, P.M.; Kamal, M.; Transplantation, August 2017, 101:S121 P. 122	2017
*	Critical Pathways of Deceased Organ Donation in Saudi Arabia: A 2 Decade in comparison 1997-2006 vs. 2007-2016; AM Shaheen, F.; Al-Attar, B; Follero, P.M.; Kamal, M.; Transplantation, August 2017, 101:S122 P. 123	2017
*	Features of Deceased Kidney Transplantation in KSA; 2014-2016; Shaheen Faissal AM; Al-Attar, Besher; Kamal, Mohammad; Follero, Paul Mark; Transplantation, July 2018, 102:S773, P. 599	2017
*	Deceased Kidney Distribution and Allocation in the Kingdom of Saudi Arabia; Retrospective Review; Shaheen, F.A.M.; Al-Attar, B.; Kamal, M.; Santiago, D.A.; Al Sayyari, A.; Transplantation, August 2017,101:S120-S121, P.121	2017

### **Publications Continuation**

*	Violations of the Practice of Organ Donation and Transplantation, Arabic and English , Faissal Bin Abdulraheem Shaheen, Mohamed Besher Al-Attar, Mohamed Kamal Mohamed, Saudi Center for Organ Transplantation	2017
*	Implementation of a Quality Management System on Organ Donation in the Kingdom of Saudi Arabia (KSA); Arredondo, Estephan; Barros, Maria; Procaccio, Francesco; Escalante, José L; Al-Attar, Besheer; Shaheen, Faissal; Manyalich, Martí Transplantation, July 2018,102:S770 P.594	2018
*	Impact of Logistics with the Cold Ischemia Time of Utilized Deceased Organs in KSA; Years 2015-2016; Shaheen, Faissal AM; Al-Attar, Besher; Kamal, Mohammad; Zakaria, Haroun; Follero, Paul Mark; Santiago, Dan Aldrin; Transplantation, July 2018,102:S770 P.595	2018
*	Features of Deceased Kidney Transplantation in KSA; 2014-2016; Faissal AM Shaheen, Besher Al-Attar, Mohammad Kamal, Paul Mark Follero; Transplantation, July 2018, 102:773 P.599	2018
*	Co-author; Donor Medical Coordinator (DMC) Training Manual; an MCIS program under the vision 2030 of the KSA, Arabic and English	2018
*	Co-author; Donor Administrative Coordinator (DAC) Training Manual, and MCIS	2018
*	program under the vision 2030 of the KSA (Arabic) Factors Affecting Organ Donation and Transplantation Practice in Middle East Countries; Faissal A.M. Shaheen, Beshar Al-Attar, Abdulla Al Sayyari, Paul M. Follero, Saudi Center for Organ Transplantation, Riyadh, Kingdom of Saudi Arabia; Experimental and Clinical Transplantation; Volume 16, Issue 4, August 2018 Supplement 2; L11	2018
*	Features of Deceased Kidney Transplantation in Saudi Arabia 2014-2016; Faissal Shaheen, Besher Al-Attar, Mohammad Kamal, Paul Mark Follero; Saudi Center for Organ Transplantation, Kingdom of Saudi Arabia; Volume 16, Issue 4, August 2018 Supplement 2; 011	2018
*	Implementation of a Quality Management System on Organ Donation in the Kingdom of Saudi Arabia (KSA); Besher Al-Attar, Estephan Arredondo, Maria Barros, Jose Luis Escalante, Francesco Procaccio, Elsayed Gadalla, Faisal Shaheen, Marti Manyalich; SCOT, Riyadh, Saudi Arbaia and DTI Foundation, Barcelona Spain; Volume 16, Issue 4, August 2018 Supplement 2; 076	2018
*	Impact of Logistics with the Cold Ischemia Time of Utilized Deceased Organs in Ksa: Years 2015-2016; Faissal Shaheen, Besher Al-Attar, Haroun Zakaria, Paul Mark Follero, Dan Aldrin Santiago; Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Volume 16, Issue 4, August 2018 Supplement 2; 077	2018
*	Deceased Organ Donation and Transplantation Activity in the Kingdom of Saudi Arabia: Years 2012-2014 vs 2015-2017; Faisal Shaheen, Besher Al-Attar, Mohammad Kamal, Michael Abeleda, Dan Aldrin Santiago, Paul Mark Follero; Volume 16, Issue 4, August 2018 Supplement 2; P105	2018
*	Health Indicators for Renal Replacement Therapy in the KSA 2017; M Ghonaim, B Al- Attar, HZ Ahmed, M Kamal, PM Follero, Saudi Center for Organ Transplantation, Riyadh, Kingdom of Saudi Arabia; Elsevier; Volume 51, Issue 2, March 2019, Pages 509-511;	2019

### **Publications Continuation**

*	Impact of Donor Detection after the Implementation of a Quality System in the Kingdom of Saudi Arabia (KSA); Estephan Arredondo, Maria Barros, Maria Paula Gomez, Jose Luis Escalante, Francesco Procaccio, Mohammad Al Ghonaim, Faissal Shaheen, Besher Al-Attar, Haroun Zakaria, Elsayed Gadalla, Mohamed Kamal, Ahmad Abkar, Saeed Obbed, Mohamed Adam, Abdulrahman Alharthy, Ibrahim Soliman, April A Issa, Khalid Sharkhawy, Rasheed Alhubail, Marti Manyalich; DTI Foundation, Barcelona Spain, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia, King Abdulaziz National Guard Medical City, Riyadh, Saudi Arabia, King Saud Medical City, Riyadh, Saudi Arabia, King Abdulaziz Hospital Jeddah, King Fahad Specialist Hospital, Dammam, Saudi Arabia; Transplantation: November 2019, Volume 103, Issue 11S, p S18-19; 205.1	2019
*	Comparison of Deceased Organ Donation Process Region Wise in KSA 2015-2017; Mohammed Al Ghonaim, Besher Al-Attar, El Sayed Gadallah, Mohammad Kamal Mohammad, Dan Aldrin Santiago, Mitzel Marie Berueda, Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Transplantation: November 2019, Volume 103, Issue 11S, p S19-20; 205.2	2019
*	The Critical Pathways of Deceased Organ Donation; Retrospective Study Over the Past 10 Years; Current and Future Perspective; Mohammed Al Ghonaim, Besher Al- Attar, El Sayed Gadallah, Dan Aldrin Santiago, Marjorie Villalobos; Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Transplantation: November 2019 - Volume 103 - Issue 11S - p S21–S22; 205.5	2019
*	The Analysis of Non-recovered and Unused Deceased Organs in KSA 2013-2018; Mohammed Al Ghonaim, Besher Al-Attar, Iyad Alyousef, Dan Aldrin Santiago; Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Transplantation: November 2019 - Volume 103 - Issue 11S - p S50–S51; 233.5	2019
*	Kidney Distribution Balance among Deceased Kidney Donors in KSA 2015-2018; Mohammed Al Ghonaim, Besher Al-Attar, Paul Mark Follero, Dan Aldrin Santiago; Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Transplantation: November 2019 - Volume 103 - Issue 11S - p S84–S85; 332.8	2019
*	Burden of Disease: Prevalence and Incidence of End-stage renal Disease in Middle Eastern Countries; Faisal A.M. Shaheen, Besher Al-Attar, Mohammad Kamal Ahmad, Paul Mark Follero, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Clinical Nephrology, ©2019 Dustri-Verlag Dr. K. Feistle, ISSN 0301-0430, DOI 10.5414/CNP92S121, e-pub: December 3, 2019	2019
*	Organ Donation in KSA: COVID-19 Pandemic; Besher Al-Attar <sup>1</sup> , Mohammed AlGhonaim <sup>1</sup> , Reem Moghrabi <sup>2</sup> , Dan Santiago <sup>1</sup> ; <sup>1</sup> Saudi Center for Organ Transplantation, clinical services- medical department, Riyadh, Saudi Arabia; <sup>2</sup> King Faisal Specialist Hospital & Research Centre, infectious diseases dept., Riyadh, Saudi Arabia; Transplant International © 2021 European Society for Organ Transplantation Vol. 34 (Suppl. 1), 107	2021
*	Characteristics of Renal Replacement Therapy in Saudi Arabia 2019; Besher Al- Attar, Mohammed AlGhonaim, Paul Follero, Dan Santiago, Haroun Zakaria; Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Experimental and Clinical Transplantation; ISSN I 304-0855   Online ISSN 2  8427; Baskent University, <u>www.ectrx.org</u> ; 011	2021
*	Impact of Covid-19 Pandemic on Organ Donation and Transplantation in Saudi Arabia; Besher Al-Attar <sup>1</sup> , Mohammed AlGhonaim <sup>1</sup> , Reem Al Maghrabi <sup>2</sup> , Haroun Ahmed <sup>1</sup> , Dan Santiago <sup>1</sup> , Paul Follero <sup>1</sup> , Mohammed Kamal <sup>1</sup> ; <sup>1</sup> Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; <sup>2</sup> King Faisal Specialist Hospital and Research Center, Riyadh Kingdom of Saudi Arabia;	2021

Experimental and Clinical Transplantation; ISSN I 304-0855 | Online ISSN 2 |8427; Baskent University, <u>www.ectrx.org</u>; 018

### Publications Continuation

*	Features of Living and Deceased Liver Donation and Transplantation in the Kingdom of Saudi Arabia; Besher Al-Attar, Mohammed AlGhonaim, Paul Follero, Dan Santiago, Zayed Ibrahim; Medical Department, Saudi Center for Organ Transplantation, Riyadh, Saudi Arabia; Experimental and Clinical Transplantation; ISSN I 304-0855   Online ISSN 2  8427; Baskent University, <u>www.ectrx.org</u> ; 031			2021
*	DIABETES, THE LEADING CAUSE OF END-STAGE RENAL DISEASE AND CHARACTERISTICS OF HEMODIALYSIS IN KSA Author links open overlay panelB. AL-ATTAR MD * 1, M. Al Ghonaim 1, P.M. Follero 1, D.A. Santiago 1, H.Z. Ahmed 1, M.K. Mohamed 1, M. Villalobos 1Saudi Center for Organ Transplantation, Medical Department, Riyadh, Saudi Arabia Kidney International Reports Volume 6, Issue 4, Supplement, April 2021, Page S153			2021
*	STRUCTURE OF RENAL REPLACEMENT THERAPY IN THE KINGDOM OF SAUDI ARABIA: Author links open overlay panelB. AL-ATTAR MD * 1, M. Al Ghonaim 1, H.Z. Ahmed 1, M.K. Mohamed 1, D.A. Santiago 1, M. Villalobos 1 Kidney International Reports, Volume 6, Issue 4, Supplement, April 2021, Page S299			2021
*	Attitudes Toward Organ Donation in an Arab-Based Population: Rasha A. Almubark a, Mohammed Alghonaim b c, Nasser F. BinDhim a d e, Besher Attar b, Faisal Abaalkhail d f, Fawaz Al Ammary g, Saleh A. Alqahtani Transplantation Proceedings, Volume 54, Issue 8, October 2022, Pages 2063-2068			2022
*	A historical review of heart transplantation in Saudi Arabia: trends, progress, and heart valve utilization: Alyahya, Rayyan Abdullah; Attar, Besher; Ahmed, Haroun Zakaria; Kamal, Mohamed; Jokhadar, Hazem Faisal; Algoufi, Talal Turki Transplantation. 107(10S1):101, October 2023.			2023
*	Three decades of kidney transplantation in Saudi Arabia: Growth, innovation, and resilience. Alyahya, Rayyan Abdullah; Attar, Besher; Al Shadookhi, Abdulkarim Ibrahim; Transplantation. 107(10S1):101, October 2023.			2023
	Analysis of deceased donor utilization and organ recovery challenges in Saudi Arabia in 2022 Kamal, Mohamed; Alroqi, Khalid Saud; Jokhadar, Hazem Faisal; Alshahrani, Saeed Saud; Alamri, Mariah Ali; Attar, Besher Transplantation. 107(10S1):100, October 2023.			
	The critical pathways of deceased organ donation: retrospective study over the past 10 years and current and future perspective Attar, Besher; Alroqi, Khalid Saud S; Santiago, Dan Aldrin P. Transplantation. 107(10S1):41, October 2023.			2023
* * *	Liver donation trends in Saudi Arabia (1990-2022): Evaluating the impact of deceased and living donor transplants Attar, Besher; Ahmed, Haroun Zakaria; Abkar, Ahmed. Transplantation. 107(10S1):26, October 2023.	*	2023	
* * * *	Evaluating the impact of medical evacuations on organ recovery and transportation in Saudi Arabia in 2022 Jokhadar, Hazem Faisal; Alyahya, Rayyan Abdullah; Attar, Besher. Transplantation. 107(10S1):13, October 2023.		2023	

Active deceased donor detection: Evaluating the impact on organ donation rates in Saudi Arabia in 2022 Alroqi, Khalid Saud; Attar, Besher; Alyahya, Rayyan Abdullah. Transplantation. 107(10S1):13, October 2023.

Knowledge Exchange Program to Increase the Organ Donation Rates in Saudi Arabia, Brian Alvarez,1 Jose L. Escalante,1 Chloe Balleste Delpierre,1 Talal Al Goufi,2 Besher Attar,2 Marti Manyalich1, Experimental and Clinical Transplantation (2024) Suppl 1: 81-82

Knowledge Exchange Program to Increase the Organ Donation Rates in Saudi Arabia Arredondo, Estephan; Luis Escalante, Jose; Procaccio, Francesco; Blanco, Carmen; Albrahim, Talal; Attar, Besher; Gadalla, Elsayed; Manyalich, Martí Less Transplantation. 106(9S):S502, September 2022.

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https://journals.lww.com/transplantjournal/pages/results.aspx?fs=%5b%7b%220perator%22%3a%22and%22% 2c%22Field%22%3a%22Author%22%2c%22Key%22%3a%22attar%22%7d%5d

#### **Personally Published Books**

*	Where is the Human Heart? between the Devine Meaning and the Medical Meaning	2014
	(Arabic and English); ISBN: 978-9960-9308-5-5	
*	Development of the Concept of Death Declaration, A Medical View and Supporting	2014
	Qur'anic Reference. ISBN: 978-9960-9308-4-8	
*	Dates and Sugar, A Blessing or a Curse (Arabic)	2016

#### Achievements

- Active Participation in the Regional, National and International Congress, Symposium and Seminar for the Presentation of the Saudi Experience on Brain Death, Organ Donation and Transplantation.
- Member and Secretary of the National committees in the Kingdom of Saudi Arabia of Brain Death, Organ Transplantation, hemodialysis and promotion of Organ Donation.
- Active participation in the preparation and establishment of the computer national data and network of Brain Death and organ failure registry patients in the Kingdom of Saudi Arabia.
- Achievement of and publication of the annual report of the Saudi Center for Organ Transplantation since 1995 (English-Arabic)
- Achievement of the Website of the Saudi Center for Organ Transplantation, 2000.
- Run hemodialysis services in prince Salman kidney diseases center, 2000-2004, Riyadh-K.S.A.
- Co-authored-Guidelines on Early Detection, Prevention and Conservative Management of Chronic Kidney Disease Patients in Saudi Arabia, Arabic and English, Published by Kelana (Prince Fahd Bin Salman Charity Association for Renal Patient care)
- Accreditation of Dialysis Centers in Kingdom of Saudi Arabia, 1996-2012.
- Guidelines and Criteria for Hemodialysis accreditation, 2012
- Clinical Guidelines for Hemodialysis Practice in the KSA, 2012
- Co-established Maximizing Cooperation between ICU and SCOT (MCIS) project Riyadh, Saudi Arabia; 2016
- Supervisor and Chairman of the National Transformation Initiatives 2020 (Started October 2017) including:
  - 1. Maximizing Cooperation between ICU and SCOT (MCIS)
  - 2. Establish advanced training and simulation center for deceased donation program

- 3. Establish a national auditing system for donor and transplant hospitals
- 4. Advanced national registry system (web based) for end-stage organ failure and donor-recipient transplant patients
- 5. Advanced national public campaign to promote organ donation and transplantation
- Co-established curricula and teaching program for Donor Medical Coordinator (DMC) and Donor Administrative Coordinator (DAC) at a national level.
- Co-organizer on CME Accredited "Brain Death, Organ Donation and Transplantation" courses at a national level.
- Co-established as committee supervisor in the inclusion of a national protocol on organ donation and transplantation in the Saudi Central Board for Accreditation of Healthcare Institutions (CBAHI) at a national level.
- ✤ CBAHI Standards Update
- Co-established the medical curricula for medical student in universities on brain death and organ donation.

#### **Field of Interests**

- Organ donation process protocols and guidelines
- Development of deceased organ donation program
- Ethical/religious issues related to organ donation and transplantation
- Application of WHO standards and audit about organ donation and transplantation
- Active Participation in the Continuing Educational Program for Brain Death, Organ Transplantation organized by the Saudi Center for Organ Transplantation
- Clinical Research and Epidemiology / Survey Studies in Nephrology, organ donation and transplantation
- Clinical Nephrology
- Hypertension / Renal Stones Management
- Follow Up Post Kidney Transplantation
- Quality in Renal Patient Care and Safety, Guidelines, Registry and Training

#### **Specific Field of Experience**

- 1. Experience in post graduate publications
  - a. Conducted health science studies such as world kidney day and organ donor campaign (local, regional and international).
  - b. Scientific outcome
- 2. Experience working in quality management programs, initiatives and tools such as
  - a. Online Brain Death (BD) notification system, quality management program
  - b. Saudi Central Board for Accreditation of Health Care Institutions (CBAHI) criteria for hospital accreditation (2016 and 2020)
  - c. Ada'a project key health performance indicators monitoring thru KPI and Dashboard MOH/KSA
- 3. Experience in broad area of health technologies :
  - a. Kidney perfusion machine in deceased kidney transplantation program in Saudi Arabia
  - b. MPHO (Medical Product Human Origin) study OF the World Health Organization (WHO) Dr Luc Noel, coordinator of the Clinical Procedures team in WHO's Department of Essential Health Technologies
- 4. Management of programs and staff in a matrix environment as a medical director supervising:
  - a. Medical coordination of BD cases
  - b. Administrative coordination
  - c. Nursing staff
  - d. National registry
  - e. Journal and research department
- 5. Field experience at a national level in a national institution in public health and regulation of health products thru the Saudi Center for Organ Transplantation (SCOT) on regulating dialysis machine equipment & dialysis accreditation at national level.