

Mohamed Hussein

mhussein1@tulane.edu | Louisiana, USA

[ResearchGate](#) | [Google Scholar](#) | [Pubmed](#)

100+ International publications | 1635+ Google Scholar Citations | H-index: 21 | Reads 15,455

EDUCATION

July 2021	USMLE Step 2, Score 226
December 2018	USMLE Step 1, Score 245
January 2015	Master degree of Chest diseases - Faculty of Medicine, Cairo University, Egypt. Dissertation: Beta2-adrenergic receptor gene haplotypes and bronchodilator response in Egyptian patients with Chronic Obstructive Pulmonary Disease.
2002-2007	Master degree of Surgery (finished exams of the first and second parts without dissertation) – Faculty of Medicine, Suez Canal University, Egypt.
2011-2012	Arab Diploma in Disaster Management for health professionals , Arab institute for continuing professional development and Zagzig University.
1995-2000	Bachelor degree of Medicine - Faculty of Medicine, Cairo University, Egypt.

WORK EXPERIENCE

October 2021-present	Department of Surgery , Tulane University, U.S. Medical transcriptionist
2019-present	Department of Surgery , Tulane University, U.S. (volunteer researcher)
2014-2019 October	Private Pulmonary diseases and functions private clinic , 35 street Sheben, Ismailia, Egypt.
2003-2019 October	Chief Physician in Ministry of Petroleum, Port-Said and Saini Cities.
2002-2007	Surgeon and General practitioner in Al-Amal private Hospital – Port Said, Egypt.
2002-2003	Physician at Ministry of Health.
2001-2002	House-officer in a rotational scheme at Kasr Alainy Hospital, Cairo University, Egypt.

SKILLS & CERTIFICATIONS

Computer skills: biostatistics, data management SAS, python, R, International computer driving license certificate, ICDL computer courses: Advanced word processing, Power point, Excel, SPSS, Access, Concept of IT

Lab skills: Nucleic acid extraction, thermocycler, RT-PCR

Key skills: Organizational skills, Team building and development, Self-motivated and committed

Language: Arabic, English

RESEARCH ACTIVITIES

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Peer Reviewed Online Publication

1. Zenat Khired, Shahad W. Kattan, A. Khuzaim Alzahrani, Ahmad J. Milebary, Mohammad H. Hussein, Safaa Qusti, Eida M. Alshammari, Eman A. Toraih, Manal S. Fawzy. Analysis of MIR27A (rs11671784) variant association with systemic lupus erythematosus. Life. Accepted 3.1.2023.
2. Hussein, M.H., Lauren Mueller, Lily Trinh, Peter P. Issa, Muhib Haidari, Mohamad Shama, Eman Toraih, Emad Kandil. Sexual Disparity and the Risk of Second Primary Thyroid Cancer: A Paradox. Gland (GS-22-411). Accepted 2.19.2023.
3. Rami M. Elshazli, Eman A. Toraih, Mohammad H. Hussein, Emmanuelle M. Ruiz, Emad Kandil, Manal S. Fawzy. Pan-cancer study on variants of canonical miRNA biogenesis pathway components: A pooled analysis. Cancers (Basel). 2023 Jan 4;15(2):338. doi: 10.3390/cancers15020338.
4. Peter P. Issa, Mohammad H. Hussein, Mahmoud Omar, Ruhul Munshi, Abdallah S. Attia, Yusef Buti, Mohamed Aboueisha, Mohamed Shama, Eman A. Toraih, Emad Kandil. Cardiovascular Health by Graves' Disease

Management Modality - Surgery Versus Radioactive Iodine Versus Antithyroid Medications: A Network Meta-Analysis. *J Surg Res.* 2023 Mar;283:266-273. doi: 10.1016/j.jss.2022.10.043. Epub 2022 Nov 21.

5. Noha M. Abd El-Fadeal, Alia Ellawindy, Mohammed Jeraiby, Safaa Qusti, Eida M. Alshammari, A. Khuzaim Alzahrani, Ziad Ehab, Eman A. Toraih, Manal S. Fawzy, Marwa Hussein Mohamed. HSP70 expression signature in renal cell carcinoma: A clinical and bioinformatic analysis approach. *Genes* 2023 Jan 30;14(2):355. doi: 10.3390/genes14020355.
 6. Peter P. Issa, Aaron L. Albuck, Eslam Hossam, Mohammad Hussein, Mohamed Aboueisha, Abdallah S. Attia, Mahmoud Omar, Seif Abdelrahman, Gehad Naser, Robert D. E. Clark, Eman Toraih, Emad Kandil. The Diagnostic Performance of Ultrasonography in the Evaluation of Extra Thyroidal Extension in Papillary Thyroid Carcinoma: A Systematic Review and Meta-Analysis. *Int J Mol Sci.* 2022 Dec 26;24(1):371. doi: 10.3390/ijms24010371.
 7. Eman Toraih, Mohammad Hussein, Peter P. Issa, Tessa Lavorgna, Emad Kandil. Chasing π -fection in Thyroidology. *Thyroid.* 23 Nov 2022. <https://doi.org/10.1089/thy.2022.0516>.
 8. Eva Kruger, Eman A. Toraih, Mohammad H. Hussein, Shaimaa Shehata, Amany Waheed, Manal S. Fawzy, Emad Kandil. Thyroid Carcinoma: A Systematic Review for 25 Years of Environmental Risk Factor Studies. *Cancers* 2022 Dec 14;14(24):6172. doi: 10.3390/cancers14246172.
 9. Abdallah S. Attia, Ahmad Elnahla, Peter P. Issa, Ashraf Farhoud, Mohanad R. Youssef, Mohammad Hussein, Mohamed Aboueisha, Mohamed Ahmed Shama, Eman Toraih, Emad Kandil. Association of BRAF^{V600E} Mutation and The Aggressive Behavior of Papillary Thyroid Microcarcinoma: A Meta-Analysis of 33 studies. *Int J Mol Sci.* 2022 Dec 9;23(24):15626. doi: 10.3390/ijms232415626.
 10. Essam Al Ageeli, Samy M. Attallah, Marwa Hussein Mohamed, Amany I. Almars, Shahad W. Kattan, Eman A. Toraih, Manal S. Fawzy, Marwa K. Darwish. Migration/Differentiation-Associated LncRNA SENCRRs12420823*C/T: A novel gene variant can predict survival and recurrence in breast cancer women. *Genes.* Nov 2022, 13(11), 1996; <https://doi.org/10.3390/genes13111996>.
 11. Mahmoud Omar, Mohamed Aboueisha, Ruba Abualhuda, Abdallah Attia, Peter Issa, Mohammad Hussein, Eman A Toraih, Mohamed Shama, Emad Kandil. Impact of Endotracheal Tube Size on Performance of Continuous Laryngeal Adductor Reflex Monitoring. *Journal of the American College of Surgeons.* Nov 2022, 235(5): S65. doi: 10.1097/01.XCS.0000896248.64387.85
 12. Peter P. Issa, Lauren Mueller, Mohammad Hussein, Aaron Albuck, Mohamed Shama, Eman Toraih, Emad Kandil. Radiologist Versus Non-Radiologist Detection of Lymph Node Metastasis in Papillary Thyroid Carcinoma by Ultrasound: A Meta-Analysis. *Biomedicines* 2022, 10(10), 2575; <https://doi.org/10.3390/biomedicines10102575>.
 13. Peter P. Issa, Mahmoud Omar, Chad P. Issa, Yusef Buti, Mohammad Hussein, Mohamed Aboueisha, Ali Abdelhady, Mohamed Shama, Grace S. Lee, Eman Toraih, Emad Kandil. Radiofrequency Ablation of Indeterminate Thyroid Nodules: The First North American Comparative Analysis. *International Journal of Molecular Sciences* 2022, 23(19), 11493; <https://doi.org/10.3390/ijms231911493>
 14. Tessa Lavorgna, Mohammad Hussein, Peter issa, Eman Toraih, Emad Kandil. Ultraviolet Light Exposure Decreases Thyroid Cancer Risk: A National Perspective. *Biomedicines* 2022, 10(10), 2452; doi.org/10.3390/biomedicines10102452
 15. Eman A. Toraih, Mohammad H. Hussein, Manal S. Fawzy, Emad Kandil. A Review and In Silico Analysis of Tissue and Exosomal Circular RNAs: Opportunities and Challenges in Thyroid Cancer. *Cancers* 2022, 14(19), 4728; <https://doi.org/10.3390/cancers14194728>
 16. Eman Toraih, Manal S. Fawzy, Bo Ning, Mourad Zerfaoui, Youssef Errami, Emmanuelle M. Ruiz, Mohammad Hussein, Muhib Haidari, Melyssa Bratton, Giovane G Tortelote, Sylvia Hilliard, Naris Nilubol, Jonathon O. Russell, Mohamed Ahmed Shama, Samir S. El-Dahr, Moroz Krzysztof, Ye Tony Hu, Emad Kandil. A miRNA-based prognostic model to trace thyroid cancer recurrence. *Cancers.* Sep 2022, 14(17), 4128; <https://doi.org/10.3390/cancers14174128>.
 17. Mohammad Hosny Hussein, Lauren Mueller, Peter P. Issa, Muhib Haidari, Lily N. Trinh, Eman Toraih, Emad Kandil. Latency Trend Analysis as a Guide to Screening Malignancy Survivors for Second Primary Thyroid Cancer. *Biomedicines* 2022 Aug 16;10(8):1984. doi: 10.3390/biomedicines10081984.
 18. Peter P. Issa, Mahmoud Mahmoud, Mohammad Hosny Hussein, Yusef Buti, Chad P Issa, Bert Chabot, Christopher J Carnabatu, Mohamed Shama, Ralph L Corsetti, Eman Toraih, Emad Kandil. Hashimoto's Thyroiditis Minimizes Lymph Node Metastasis in BRAF Mutant Papillary Thyroid Carcinomas. *Biomedicines* 2022 Aug; 10(8): 2051. doi: 10.3390/biomedicines10082051.
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19. John Tyler Simpson, Mohammad Hosny Hussein, Eman Ali Toraih, Mikaela Suess; Danielle Tatum, Sharven Taghavi, Patrick McGrew. Trends and Burden of Firearm-Related Injuries Among Children and Adolescents: A National Perspective. *Journal of surgical research* 2022 Dec;280:63-73. doi: 10.1016/j.jss.2022.06.065.
 20. Areej Shihabi, Mohammad Hussein, Eman Toraih, Abdallah Attia, Mohanad R. Youssef, Ahmad Elnahla, Mahmoud Omar, Mohamed Shama, Ralph Corsetti, Emad Kandil. Accuracy of the 'CUT' Score for Assessing Malignancy in Bethesda 3 and 4 Thyroid Nodules: a retrospective study. *Cancer Investigation*, 2022 Jul 14:1-8. doi: 10.1080/07357907.2022.2077956.
 21. Mohammad Hussein, Eman Toraih, Ahmed Fouad, Lauren Mueller, Alexander Blum, Zaid Al-Qurayshi, Jeffrey Borchardt, Emad Kandil. A national perspective on hospital readmissions following adrenalectomy. *Gland Surgery*. 2022 Jun;11(6):970-980. doi: 10.21037/gs-22-18.
 22. Magnus Chun, Yichi Zhang, An Nguyen, Chad Becnel, Valeria Noguera, Sharven Taghavi, Chrissy Guidry, Mohamed Hussein, Eman Toraih, Patrick McGrew. How does Insurance Status Correlate with Trauma Mechanisms and Outcomes? A Retrospective Study at a Level 1 Trauma Center. *The American Surgeon* 2022 May;88(5):859-865. doi: 10.1177/00031348211032592.
 23. Mohammad Hosny Hussein, Adin Reisner, Zaid Al-Quaryshi, Areej Shihabi, Eman Ali Toraih, Emad Kandil. Preoperative diabetes complicates postsurgical recovery but does not amplify readmission risk following pancreatic surgery. *Gland Surgery*. 2022 Apr;11(4):663-676. doi: 10.21037/gs-21-648.
 24. Salwa Faisal, Eman A. Toraih, Lina M. Atef, Ranya Hassan, Marwa M. Fouad, Essam Al Ageeli, Manal S. Fawzy, Hussein Abdelaziz Abdalla. MicroRNA-17-92a-1 Host Gene (MIR17HG) expression signature and rs4284505 variant association with alopecia areata: a case-control study. *Genes* 2022 Mar 12;13(3):505. doi: 10.3390/genes13030505.
 25. Eman Toraih, Mohammad Hussein, Lily N Trinh, Mourad Zerfaoui, Emad Kandil. What happens to patients undergoing cancer surgery with psychiatric comorbidities?: A nationwide retrospective cohort study. *Journal of Surgical Oncology*. 2022 Mar;125(3):535-543. doi: 10.1002/jso.26716.
 26. Magnus Chun, Yichi Zhang, Chad Becnel, Timmy Brown, Mohammad Hussein, Eman Toraih, Sharven Taghavi, Chrissy Guidry, Rebecca Schroll, Patrick McGrew, Juan Duchesne. New injury severity score and trauma injury severity score are superior in predicting trauma mortality. *Journal of Trauma and Acute Care Surgery*. 2022 Mar 1;92(3):528-534. doi: 10.1097/TA.0000000000003449.
 27. Mohammad Hussein, Ahmad Toraih, Abdallah S Attia, Majed Alrowaili, Manal Said Fawzy, Danielle Tatum, Eman Ali Toraih, Emad Kandil, Juan Duchesne, Sharven Taghavi Trampoline Injuries in Children and Adolescents: A Jumping Threat. *Pediatric Emergency Care*. 38(2):e894-e899, February 2022. doi: 10.1097/PEC.0000000000002457.
 28. Abdallah S. Attia, Mohammad Hussein, Ahmad Elnahla, Mohanad R. Youssef, Ghassan Zora, Mahmoud Omar, Ashraf Farhoud, Adin SC Reisner, Katherine S Cox, Eman Toraih, Gregory W. Randolph, Emad Kandil. Deciphering excess health-care burden in head and neck cancer patients with cardiovascular comorbidity. *Journal of Surgical Oncology*. 2022 Jan 28. doi: 10.1002/jso.26802.
 29. Mohamad Elwazir, Mohammad H. Hussein, Eman A. Toraih, Essam Al Ageeli, Safya E. Esmaeel, Manal S. Fawzy, Salwa Faisal. Angio-LncRNAs MIAT rs3200401/MALAT1 rs73390820 molecular variants paradoxical effect on Gensini score in coronary artery disease patients undergoing angiography. *Biomolecules* 2022, 12(1), 137; doi:10.3390/biom12010137.
 30. Manal S. Fawzy, Baraah T. Abu AlSel, Essam Al Ageeli, Saeed Awad Al-Qahtani, Mohammad H Hussein, Eman A. Toraih. MicroRNA-499a (rs3746444A/G) gene variant and susceptibility to type 2 diabetes-associated end-stage renal disease. *Experimental and Therapeutic Medicine*, 2022 Jan;23(1):63. doi: 10.3892/etm.2021.10985.
 31. Mahmoud Omar, Mohanad R. Youssef, Lily N Trinh, Abdallah S. Attia, Rami M Elshazli, Christina L Jardak, Ashraf S Farhoud, Mohammad H Hussein, Areej Shihabi, Ahmed Elnahla, Ghassan Zora, Mohamed Abdelgawad, Ruhul Munshi, Eman A Toraih, Manal S Fawzy, Emad Kandil. Excess of cesarean births in pregnant women with COVID-19: A meta-analysis. *Birth*- 2022 Jan 7. doi: 10.1111/birt.12609. Online ahead of print.
 32. Ruhul Munshi, Samia Jahan, Mohamed Hussein, Eman Toraih. Thoracic Air Leak Syndrome in COVID-19 Patients: An Emerging Complication. *South Asian Journal of Emergency Medicine*. 25.9.2021. Accepted.
 33. Chun, Magnus & Zhang, Yichi & Becnel, Chad & Hussein, Mohamed & Toraih, Eman & Guidry, Chrissy & Taghavi, Sharven & Duchesne, Juan & McGrew, Patrick. (2021). One Trauma Score Rules All: New Injury Severity Score Is Superior in Predicting Trauma Mortality. *Journal of the American College of Surgeons*. 233. e206-e207. 10.1016/j.jamcollsurg.2021.08.559.
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34. Taghavi, Sharven & Toraih, Eman & Tafazoli, Martin & Sedhom, Jessica & Tatum, Danielle & McGrew, Patrick & Kolls, Jay & Duchesne, Juan & Hussein, Mohamed. (2021). Examining Risk Factors for Trauma Patients in Acute Respiratory Distress Syndrome. *Journal of the American College of Surgeons*. 233. e217. [10.1016/j.jamcollsurg.2021.08.586](https://doi.org/10.1016/j.jamcollsurg.2021.08.586).
 35. Chun, Magnus & Zhang, Yichi & Becnel, Chad & Brown, Tommy & Hussein, Mohamed & Toraih, Eman & Taghavi, Sharven & Guidry, Chrissy & Duchesne, Juan & Schroll, Rebecca & McGrew, Patrick. (2021). New injury severity score and trauma injury severity score are superior in predicting trauma mortality. *Journal of Trauma and Acute Care Surgery*. Publish Ahead of Print. [10.1097/TA.0000000000003449](https://doi.org/10.1097/TA.0000000000003449).
 36. Ali, Ayman & Tatum, Danielle & Herbert, Rebecca & Toraih, Eman & Hussein, Mohamed & McGrew, Patrick & Duchesne, Juan & Taghavi, Sharven. (2021). Obstetric Trauma: Propensity-Score Matched Analysis. *Journal of the American College of Surgeons*. 233. S298-S299. [10.1016/j.jamcollsurg.2021.07.618](https://doi.org/10.1016/j.jamcollsurg.2021.07.618).
 37. Ruhul Munshi, Nicholas Mankowski, Spenser Souza, Hosam Shalaby, Ahmed Elnahla, Mounika Akkera, Mohammad Hussein, Katherine Cox, Jeffrey Borchardt, Brian McClure, Mohamed Shama, Eman Toraih, Emad Kandil. The Effect of Patient Positioning on Intraoperative Neuromonitoring during Thyroid and Parathyroid Surgery. *American Surgeon* 2021 Dec 3;31348211061103. doi: [10.1177/00031348211061103](https://doi.org/10.1177/00031348211061103).
 38. Natacha Wathieu, Mohammad Hussein, Mahmoud Omar, Donald Wathieu, Kristin Skinner, Eman Toraih, Jeffrey Borchardt, Emad Kandil. Intraoperative neurophysiologic monitoring prevented iatrogenic spinal cord injury during a robotic-assisted transabdominal adrenalectomy. *Gland Surgery* 2022 Jun;11(6):970-980. doi: [10.21037/gs-22-18](https://doi.org/10.21037/gs-22-18).
 39. Abdallah S. Attia, Mohammad Hussein, Mohamed Aboueshia, Mahmoud Omar, Mohanad R. Youssef, Peter Miller, Nicholas Mankowski, Ruhul Munshi, Aubrey Swinford, Adam Kline, Therese Nguyen, Eman Toraih, Juan Duchesne, Emad Kandil. Altered mental status is a predictor of poor outcomes in COVID-19 patients: A cohort study. *PlosOne*. 2021 Oct 5;16(10):e0258095. doi: [10.1371/journal.pone.0258095](https://doi.org/10.1371/journal.pone.0258095). eCollection 2021
 40. Adam Kline, Lily N. Trinh, Mohammad H Hussein, Rami M. Elshazli, Manal S Fawzy, Eman A Toraih, Juan Duchesne, Emad Kandil. Annual Flu Shot: Does it help COVID-19 patients? *International J of Clinical practice*. 2021 Sep 21;e14901. doi: [10.1111/ijcp.14901](https://doi.org/10.1111/ijcp.14901)
 41. Eman A. Toraih, Manal S. Fawzy, Mohammad H. Hussein, Mohamad M. El-Labban, Emmanuelle M. L. Ruiz, Abdallah S. Attia, Shams Halat, Moroz Krzysztof, Youssef Errami, Mourad Zerfaoui, Emad Kandil. MicroRNA-based risk score for predicting tumor progression following radioactive iodine ablation in well-differentiated thyroid cancer patients: A propensity-score matched analysis. *Cancers*. 2021, 13(18), 4649; doi.org/10.3390/cancers13184649
 42. Eman A. Toraih, Rami M. Elshazli, Lily Trinh, Mohammad H. Hussein, Abdallah S Attia, Emmanuelle Ruiz, Mourad Zerfaoui, Manal S. Fawzy, Emad Kandil. Diagnostic and prognostic performance of liquid biopsy-derived exosomal microRNAs in thyroid cancer patients: A systematic review and meta-analysis. *Cancers*. 2021 Aug 26;13(17):4295. doi: [10.3390/cancers13174295](https://doi.org/10.3390/cancers13174295).
 43. Mohammad Hussein, Eman Toraih, Adin S.C. Reisner, Peter Miller, Ralph Corsetti, Emad Kandil. Prevalence and mortality of cardiovascular events in patients with hyperthyroidism: A Nationwide Cohort Study in the United States. *The Gland Surgery* 2021 Sep;10(9):2608-2621. doi: [10.21037/gs-21-236](https://doi.org/10.21037/gs-21-236).
 44. Taghavi S., Abdullah S., McGrew P., Tatum D., Hussein M., Toraih E., Duchesne J. The Burden of Hospital Readmission for Firearm Injuries Among Suicide Attempts and Other Shootings. *The American Journal of Surgery*. 17-3-2021.
 45. Mohamed Aboueshia, Mohammad Hosny Hussein, Abdallah S. Attia, Aubrey Swinford, Peter Miller, Mahmoud Omar, Eman Ali Toraih, Nakhle Saba, Hana Safah, Juan Duchesne, Emad Kandil. Cancer and COVID-19: Analysis of patient outcomes. *Future Oncology*. 2021 Sep;17(26):3499-3510. doi: [10.2217/fo-2021-0121](https://doi.org/10.2217/fo-2021-0121).
 46. Erik A Green, Chrissy Guidry, Charles Harris, Patrick McGrew, Rebecca Schroll, Mohammad Hussein, Eman Toraih, Jay Kolls, Juan Duchesne, Sharven Taghavi. Surgical stabilization of traumatic rib fractures is associated with reduced readmissions and increased survival. *Surgery*, 170(6), 1838–1848. <https://doi.org/10.1016/j.surg.2021.05.032>
 47. John Jacob Pisquiy, Eman Toraih, Mohammad Hussein, Ahmad Thabet, Rami Khalifa. Utility of Intra-Operative Three-Dimensional Imaging in Pelvic and Acetabular Fractures: A Network Meta-Analysis. *JBJS Reviews* 9 (6), e20.
 48. Rania Makboul, Islam F Abdelkawi, Dalia M Badary, Mahmoud R.A. Hussein, Johng S. Rhim, Eman A. Toraih, Mourad Zerfaoui, Zakaria Y. Abd Elmageed. Transmembrane and tetratricopeptide repeat containing 4 is a novel diagnostic marker for prostate cancer with high specificity and sensitivity. *Cells* 2021, 10(5), 1029; <https://doi.org/10.3390/cells10051029>.
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49. Mahmoud Shalaby, Deena Hadedeya, Eman A. Toraih, Michael A Razavi, Grace S. Lee, Mohammad Hosny Hussein, Mandy C. Weidenhaft, Michael J Serou, Kareem Ibraheem, Mohamed Abdelgawad, Emad Kandil. Predictive Factors of Radioiodine Therapy Failure in Graves' Disease: Meta-analysis. *American Journal of Surgery*. 2021 Apr 14;S0002-9610(21)00229-4. doi: 10.1016/j.amjsurg.2021.03.068.
 50. Shahad Kattan, Yahya Hobani, Sameerah Shaheen, Mohammad Hussein, Eman Toraih, Manal Fawzy, Hussein Abdelaziz Abdalla. Association of Cyclin-Dependent Kinase Inhibitor 2B Antisense RNA 1 gene expression and rs2383207 variant with breast cancer risk and survival. *Cellular & Molecular Biology Letters*, 26 (1), 1-25 (2021). <https://doi.org/10.1186/s11658-021-00258-9>.
 51. Eman Ali Toraih, Mohammad Hosny Hussein, Abdallah S. Attia, Assem Marzouk Ellythy, Arwa Mostafa, Emmanuelle ML Ruiz, Mourad Zerfaoui, Mohamed Ahmed Shama, Jonathon O. Russell, Gregory W. Randolph, Emad Kandil. Site-specific metastasis and survival in papillary thyroid cancer: the importance of brain and multi-organ disease. *Cancer* 2021, 13(7), 1625; <https://doi.org/10.3390/cancers13071625>
 52. Lily N Trinh, Andrew R Crawford, Mohammad H Hussein, Mourad Zerfaoui, Eman A Toraih, Gregory W Randolph, Emad Kandil. Deciphering the risk of Developing Second Primary Thyroid Cancer Following a Primary Malignancy - Who is at the greatest risk? *Cancers*, 13(6), 1402; <https://doi.org/10.3390/cancers13061402>.
 53. Eman Toraih, Mohammad Hussein, Danielle Tatum, Adin Reisner, Emad Kandil, Mary Killackey, Juan C. Duchesne, Sharven Taghavi. The Burden of Readmission After Discharge from Necrotizing Soft Tissue Infection. *Journal of Trauma and Acute Care Surgery*. 91(1):154-163, July 2021. DOI: 10.1097/ta.0000000000003169.
 54. Ruhul Munshi, Mohammad Hussein, Eman Toraih, Rami Elshazli, Christina Jardak, Nasrin Sultana, Mohanad Youssef, Mahmoud Omar, Abdallah S Attia, Manal Fawzy, Mary Killackey, Emad Kandil, Juan Duchesne. Vitamin D insufficiency as a potential culprit in critical COVID-19 patients. *Journal of Medical Virology* 2021 Feb;93(2):733-740. doi: 10.1002/jmv.26360.
 55. Rami M. Elshazli, Adam Kline, Abdelaziz Elgaml, Mohamed H. Aboutaleb, Mohamed M. Salim, Mahmoud Omar, Ruhul Munshi, Nickolas Mankowski, Mohammad Hosny Hussein, Abdallah S. Attia, Eman A. Toraih, Ahmad Settin, Mary Killackey, Manal Said Fawzy, Emad Kandil. Gastroenterology manifestations and COVID-19 outcomes: A meta-analysis of 25,252 cohorts among the first and second waves. *Journal of Medical Virology* 2021 May;93(5):2740-2768. doi: 10.1002/jmv.26836.
 56. Eman A. Toraih, Mohammad H. Hussein, Rami M Elshazli, Adam Kline, Ruhul Munshi, Nasrin Sultana, Sharven Taghavi, Mary Killackey, Juan Duchesne, Manal S Fawzy, Emad Kandil. Multisystem Inflammatory Syndrome in pediatric COVID-19 patients: A meta-analysis. *World Journal of Pediatric* 2021 Feb 20; 17(2), 141-151. doi: 10.1007/s12519-021-00419-y.
 57. Mohammad Hosny Hussein, Rami M Elshazli, Abdallah S Attia, Therese Nguyen, Mohamed Aboueisha, Ruhul Munshi, Eman Toraih, Manal Fawzy, Emad Kandil. Asthma and COVID-19; different entities, same outcome: A meta-analysis of 107,983 patients. *Journal of Asthma*, 26 Jan 2021, :1-11 (doi.org/10.1080/02770903.2021.1881970).
 58. Eman Toraih, Mohammad Hussein, Rami Elshazli, Manal Fawzy, August Houghton, Danielle Tatum, Mary Killackey, Emad Kandil, Juan Duchesne. Time-varying reproductive rates for COVID-19 and its implications as a means of disease surveillance on lockdown restrictions. *Annals of Surgery* 273(1):28-33, January 2021.4. (doi: 10.1097/SLA.0000000000004590).
 59. Mohanad R. Youssef, Adin S.C. Reisner, Abdallah S. Attia, Mohamed Hussein, Mahmoud Omar, Anna LaRussa, Carlos A Galvani, Mohamed Aboueisha, Mohamed Abdelgawad, Eman Ali Toraih, Gregory W. Randolph, Emad Kandil. Obesity and the Prevention of Thyroid Cancer: Impact of Body Mass Index and Weight Change on Developing Thyroid Cancer - Pooled Results of 24 million Cohorts. *Oral oncology*. Volume 112, January 2021, 105085 (doi.org/10.1016/j.oraloncology.2020.105085).
 60. Lisa C. Ngo, Ahmed Elnahla, Abdallah S. Attia, Mohamed Hussein, Eman A. Toraih, Emad Kandil, Mary Killackey. Chemoembolization vs. Radioembolization for Neuroendocrine Liver Metastases: A Meta-analysis Comparing Clinical Outcomes. *Annals of Surgical Oncology*, 2021, 28 (4), 1950-1958 (doi.org/10.1016/j.jamcollsurg.2020.07.131).
 61. Eman Ali Toraih, Jessica Ashraf Sedhom, Titilope Modupe Dokunmu, Mohammad Hosny Hussein, Emmanuelle ML Ruiz, Kunnimalaiyaan Muthusamy, Mourad Zerfaoui, Emad Kandil. Hidden in plain sight: The effects of BCG vaccination in COVID-19 pandemic. *Journal of Medical Virology* 2021 93 (4), 1950-1966. doi: 10.1002/jmv.26707.
 62. Abdallah S. Attia, Ahmed Elnahla, Mohammad H Hussein, Helmi S. Khadra, Grace S. Lee, Eman Toraih, Emad Kandil. Impact of Psychiatric Comorbidities on Outcomes related to Thyroid and Parathyroid Surgeries. *Annals of Surgery* Volume 169, Issue 1, January 2021, Pages 209-219.
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Submitted articles (under review)

1. Peter P. Issa, Eslam Hossam, Jack Cheng, Brandon M. Magazine, Mohammad Hussein, Ali Abdelhady, Mohamed Shama, Eman Toraih, Emad Kandil. Completion Thyroidectomy: A Safe Option for High Volume Surgeons. *Gland Surgery*. Submitted 16.2.2023 (GS-23-60).
 2. Peter P. Issa, Tyler A. Metz, Alexandra LaForteza, Mahmoud Omar, Katherine Cironi, Mohammad Hussein, Aaron L. Albuck, Mohamed Shama, Grace S. Lee, Eman Toraih, Emad Kandil. Risk of Malignancy Following Radiofrequency Ablation of Thyroid Nodules. *Thyroid*. Submitted 03.10.2023. (THY-2023-0117)
 3. A Combination of CT Scan and Ultrasound Provides Optimal Detection of Cervical Lymph Node Metastasis in Papillary Thyroid Carcinomas: A Systematic Review and Meta-Analysis. *Head and Neck*.
 4. Ruhul Munshi, Peter P. Issa, Aaron Albuck, Mahmoud Omar, Ruba F. Abu Alhuda, Tyler Metz, Mohammad Hussein, Mohamed Shama, Grace S. Lee, Eman Toraih, Emad Kandil. Recommend with Caution: A Meta-Analysis Investigating Papillary Thyroid Carcinoma Tumor Progression Under Active Surveillance. *JAMA Surgery* 31.10.22.
 5. Katherine A. Cironi, Peter P. Issa, Aaron Albuck, Christina McCarthy, Leely Rezvani, Mohammad Hussein, Mohamed Shama, Eman Toraih, Emad Kandil. Comparison of Medical Management versus Parathyroidectomy in Patients with Mild Primary Hyperparathyroidism: A Meta-Analysis. *Annals of Surgery*. 1.2.2023.
 6. Mohammad Hussein, Peter P. Issa, Tessa R. Lavorgna, Chad P. Issa, Charlotte Pecot, Emad Kandil, Eman Toraih. Adrenal Carcinoma Laterality is of Limited Clinical Significance: A National Perspective. *Cancers (cancers-2252857)* Submitted 14.2.2023.
 7. Tyler A. Metz, Peter P. Issa, Mohamed Aboueisha, Mahmoud Omar, Abdallah S. Attia, Bert Chabot, Mohammad Hussein, Mohamed Shama, Eman Toraih, Emad Kandil. Performance of Afirma and Interpace Diagnostics Molecular Testing in Preoperative Diagnosis of Indeterminate Thyroid Nodules: A Single Center Retrospective Cohort Study. *Cancers* submitted 23 Jan, 2023.
 8. Peter P. Issa, Christina McCarthy, Mohammad Hussein, Aaron L. Albuck, Essam Emad, Eman Toraih, Emad Kandil. Assessing Adequacy: A Meta-Analysis of Rapid Onsite Evaluation of Thyroid Nodules. *Journal of Surgical Research* 2.20.2023
 9. Peter P. Issa, Mahmoud Omar, Yusef Buti, Mohamed Aboueisha, Mohammad Hussein, Ruhul Munshi, Muhib Haidari, Graham Blair, Chad P. Issa, Mohamed Shama, Eman Toraih, Emad Kandil, Hashimoto's Thyroiditis as Protective Factor Against Recurrence in BRAF Mutant and Wild Type Differentiated Thyroid Carcinoma. *Cancer (cancers-2299542)*. Submitted 03.07.2023.
 10. Mahmoud Omar, Peter P. Issa, Mohamed Aboueisha, Chad P. Issa, Yusef Buti, Aaron L. Albuck, Katherine Cironi, Abdallah S. Attia, Mohammad Hussein, Mohamed Shama, Eman Toraih, Emad Kandil. Comparison Between Thyroidectomy and Thyroid Surgery Following Radiofrequency Ablation of Benign Thyroid Nodules: A Propensity Score-Matched Analysis of Surgical Outcomes and Safety. *Surgery*. Submitted 13.2.2023.
 11. Lauren Mueller, Peter Issa, Mohammad Hosny Hussein, Rami Elshazli, Muhib Haidari, Youssef Errami, Mohamed Shama, Manal S Fawzy, Emad Kandil, Eman Toraih. Clinical Outcomes and Tumor Microenvironment Response to Radiofrequency Ablation Therapy: A Systematic Review and Meta-Analysis. *Gland Surgery* 10.1.22. GS-22-555 revision 1.2.2023. resubmitted 18.1.23.
 12. Christofer Anderson, John Tyler Simpson, Mohammad Hussein, Eman Toraih, Allen Zhang, Patrick McGrew, Sharven Taghavi, Danielle Tatum, Zaffer Qasim, Juan Duchesne. Time for Implementation of Advanced Resuscitative Care: A TQIP Review of Pre-Hospital EMS Contact Time. *The American Surgeon* ASU-22-1228. Submitted 20.10.2022.
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13. Eman A Toraih, Mohamed El-Wazir, Rami M Elshazli, Hussein, M.H., S Fawzy. Coronavirus publication race: load or delude the scientific community. *Internet Journal of Allied Health Sciences and Practice* 29.9.22.
14. Eman A. Toraih, Mariam Elnaggar, Tessa Lavorgna, Ali Hussein, Forat Koreish, Mohammad Hussein, Manal S. Fawzy, Ahmed Toreih. The racial and sexual disparity in emergency department visits for sport-related spine fracture injuries: A NEISS database study (2011-2020). *European Spine Journal*. ESJO-D-22-01212. Submitted 15.8.2022.
15. Jacob M. Broome, John T. Simpson, Sherman Tran, Eman Toraih, Mohammad Hussein, Ayman Ali, Danielle Tatum, Sharven Taghavi, Joseph DuBose, Juan Duchesne. Mortality Timeline Benchmarks for Hemorrhage Control in Non-Compressible Torso Hemorrhage. *The Journal of Trauma and Acute Care Surgery*. 2 Jan 2022.
16. Abdallah S Attia, Mohanad R Youssef, Mahmoud Omar, Mohammad Hosny Hussein, Mohamed Ahmed Aboueisha, Ghassan Zora, Mohamed Ahmed Shama, Eman Ali Toraih, Emad Kandil. Characteristic features, laboratory findings and outcomes of confirmed COVID-19 patients presenting with neurologic symptoms. *BMC Neurology* (2088969886203358) 28-7-2020.
17. Emad Kandil, Kareem Ibraheem, Abdallah Attia, Mohanad Youssef, Mohamed Abdelgawad, Zaid Al-Qurayshi, Mohammad H Hussein, Juan Duchesne. Obesity and COVID-19: A paradox within paradox.

BOOKS

- Beta2-adrenergic receptor haplotypes in COPD, Lambert Academic Publishing. Project D (130426) and the book's ISBN (ISBN 978-3-659-80847-0)

MEETING TALKS, CONFERENCES, AND ABSTRACTS

- Molecular biomarkers in hepatic differentiation and cancer (*oral presentation*). *Recent Advances in Stem Cell Research Conference FOMSCU – Egypt, 29-30 October 2015*.
 - MicroRNA-196a2 Variant as a potential pharmacogenetic marker for bronchodilator response in COPD. *Third annual conference of the Medical Biochemistry, BIOCHEM 2016 on March 12, 1016 Cairo, Egypt*.
 - Circulating novel markers (lncRNA MIAT and MALAT1) in coronary artery disease. *Histology & Cell Biology Department Annual Scientific Meeting "Genetics from Bench to Beside", March 29, FOM-SCU, Egypt*.
 - Association of ATP-Binding Cassette Transporter A1 R219K and I883M haplotypes with obesity in Children and Adolescents. *International Conference on Nucleic Acids: Biology, Human health and Diseases, August 04-05, 2016, New Orleans, Louisiana, USA*.
 - A passenger strand variant in miR-196a2 contributes to asthma severity in children and adolescents. *International Conference on Nucleic Acids: Biology, Human health and Diseases, August 04-05, 2016, New Orleans, Louisiana, USA*.
 - Impact of body mass index and weight change on developing thyroid cancer. *Oral presentation at the American College of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL*.
 - Psychiatric comorbidity is associated with an increased risk of postoperative complications in adrenalectomy patients. *Poster presentation at the American College of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL*.
 - Head and neck cancer surgeries: Pay attention to cardiovascular comorbidities. *Poster presentation at the American College of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL*.
 - The Effect of Rib Plating on Readmission After Traumatic Rib Fractures (poster presentation). *Poster presentation at the American College of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL*.
 - Chemoembolization versus Radioembolization for Neuroendocrine Liver Metastases: A Meta-analysis Comparing Efficacy and Clinical Outcomes. *Oral presentation at the American College of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL*.
 - The burden of readmission after discharge from necrotizing soft tissue infection. *34th EAST Annual Scientific Assembly scheduled for January 12-16, 2021*
 - Are Legally Purchased Guns to Blame for Overall Firearm Mortality? A State-Level Analysis of the Association Between Firearm Retail Availability and Firearm Mortality. *79th Annual Meeting of AAST and Clinical Congress of Acute Care Surgery (2020)*.
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- Chemoembolization versus Radioembolization for Neuroendocrine Liver Metastases: A Meta-analysis Comparing Efficacy and Clinical Outcomes. *American College of Surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL. 4-7 October*
 - Impact of body mass index and weight change on developing thyroid cancer: A Meta-Analysis study. *American college of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL. 4-7 October*
 - Pay Attention to Psychiatric Comorbidities with Adrenal Surgeries. *American college of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL. 4-7 October*
 - Surgical Stabilization Improves Survival Without Increasing Readmission After Traumatic Rib Fractures. *American college of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL. 4-7 October*
 - Trampoline injuries in children and adolescents: a jumping threat. *Panamerican Congress of Trauma, Critical Care and Emergency Surgery on 21 July ILBOG-22*
 - The Burden of Hospital Readmission for Firearm Injuries Among Suicide Attempts and Other Shootings. *Academic Surgical Congress. Abstract ID: ASC20210190. February 2021.*
 - Firearm homicide mortality is influenced by structural racism in US metropolitan areas. *34th EAST Annual Scientific Assembly scheduled for January 12-16, 2021*
 - Traumatic Iatrogenic Injuries in Cardiopulmonary Resuscitation: A Meta-Analysis. *American college of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL. 4-7 October. Abstract ID: ASC20210670*
 - Trends and Burden of Firearm Injuries Among Children and Adolescents: A National Perspective. *American college of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL. 4-7 October. Abstract ID: ASC20211348*
 - Location of Blood products and the Impact of Time to Initiation of Massive Transfusion Protocol. *American college of surgeon: Scientific Forum at Chicago Congress 2020 in Chicago, IL. 4-7 October. Abstract ID: 930251*
 - Diagnostic Accuracy of Ultrasound in Predicting Extrathyroidal Extension and its Relation to the Body Mass Index in North American Population. *American Association of Endocrine Surgeons. Abstract ID: 163. March 5-7, 2021*
 - Delayed drop of Intraoperative Parathyroid Hormone Over Time in Elderly Population with Primary Hyperparathyroidism. *American Association of Endocrine Surgeons. Abstract ID: 167. March 5-7, 2021*
 - Thyroid lobectomy as a cost-effective approach in low-risk papillary thyroid cancer versus Active Surveillance. *American Association of Endocrine Surgeons. Abstract ID: 157. March 5-7, 2021*
 - Immediate Lymphatic Reconstruction Lowers Lymphedema Incidence in Axillary and Inguinal Lymphadenectomy. *ASPS Plastic Surgery: The Meeting 2021 (Atlanta)*
 - Comparison of Survivor Population of Emergency Department Performed REBOA versus Open Aortic Occlusion. *American Collage of Surgery meeting (ACS) 17th Annual Academic Surgical Congress. February 1-3, 2022. Orlando, FL*
 - Timeline Benchmarks for Hemorrhage Control in Non-Compressible Torso Hemorrhage. *ASC 17th Annual Academic Surgical Congress. February 1-3, 2022. Orlando, FL*
 - Acute Respiratory Distress Syndrome in Trauma patients: Linked culprits. *ASC 17th Annual Academic Surgical Congress. February 1-3, 2022. Orlando, FL*
 - The burden of psychiatric co-morbidities in adrenalectomy patients. (Lily Trinh) Quickshot oral - podium presentation SESC 2021 Annual Meeting, August 21st – 24th in Atlanta, GA.
 - Preoperative diabetes complicates postsurgical recovery but not amplify readmission risk following pancreatic surgery. (Mohammad Hussein) Oral presentation. SESC 2021 Annual Meeting | August 21-24, 2021 | InterContinental Buckhead, Atlanta, GA
 - National perspective on hospital readmissions following adrenal surgery. (Mohammad Hussein) Quickshot oral - podium presentation. SESC 2021 Annual Meeting, August 21st – 24th in Atlanta, GA.
 - Vitamin D insufficiency as a potential culprit in critical COVID-19 patients. SESC 2021 Annual Meeting, August 22, 2021, Quickshot Oral Session 2.
 - MicroRNA-based risk score for predicting tumor progression following radioactive iodine ablation in intermediate-risk well-differentiated thyroid cancer patients: A propensity-score matched analysis. (Eman Toraih) American Thyroid Association (poster #52) September 30 – October 3, 2021, 90th Annual Meeting of the American Thyroid Association® (ATA®) <https://www.liebertpub.com/toc/thy/31/S1>
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- Upper Obstetrical Brachial Plexus Palsy: A Systematic Review Comparing Different Tendon Transfer Techniques to Restore Shoulder Function. Pediatric Orthopedic Society of North America (POSNA) 2022 Annual Meeting. Abstract ID: 44.
 - Pan-Cancer Study On Variants In Canonical Mirna Biogenesis Pathway Components: Awaken The Dormant Beast. Eman Toraih, MD, PhD, MSc, Tulane School of Medicine (oral presentation) Louisiana Chapter ACS Annual Meeting Saturday, March 19, 2022. 10:20am-10:25am
 - Predicting the risk of a second primary thyroid cancer after surviving a malignancy: a latency trend analysis over four decades. Lauren Mueller, BA, Tulane University School of Medicine (oral presentation) Louisiana Chapter ACS Annual Meeting Sunday, March 20, 2022. 10:00am-10:05am
 - B-Cell Lymphoma 2/MicroRNA-497 Gene Expression Ratio Predicts Metastasis In Colorectal Cancer: A Propensity-Matched Cohort Analysis. Eman Toraih, (oral presentation) Louisiana Chapter ACS Annual Meeting Sunday, March 20, 2022. 10:50am-11:00am
 - Hashimoto Thyroiditis Ameliorates The Risk Of Recurrence In BRAF-Positive Differentiated Thyroid Carcinoma. Mahmoud Omar, MD, Tulane School of Medicine (oral presentation) Louisiana Chapter ACS Annual Meeting Sunday, March 20, 2022. 11:10am-11:20am
 - Sexual Disparities In The Risk Of A Second Primary Thyroid Cancer After Surviving A Malignancy: A Paradoxical Threat. Muhib Haidari, BS, Tulane SOM (oral presentation) Louisiana Chapter ACS Annual Meeting Sunday, March 20, 2022. 11:30am-11:40am
 - Ultraviolet Ambient Exposure Decreases Thyroid Cancer Risk in Black Populations: A Multiethnic Study. Tessa Lavorgna, Mohammad Hussein, Eman Toraih (presenter Tessa). SMA's 2nd Annual Physicians-in-Training Leadership Conference February 11-13, 2022
 - Social Exposome and the Tip of Iceberg in diagnosing Thyroid Cancer in Disproportionately Affected Communities: A US population-based Multi-Ethnic Study. The American Surgical Association 142nd Annual Meeting. April 7-9, 2022. (presenter Dr Kandil)
 - A Fast Pass for Motor Vehicle Accident Patients: Expediting Time to Surgery Reduces Their Mortality. Oral Presentation for Southern Medical Association's 2nd Annual Physicians-in-Training Leadership Conference, to be held February 11-13, 2022. (presenter Magnus)
 - A Fast Pass for Motor Vehicle Accident Patients: Expediting Time to Surgery Reduces Their Mortality. The American Surgical Association 142nd Annual Meeting April 7-9, 2022 (presenter Magnus)
 - Secondary Lymphedema Treatment: A Meta-Analysis and Recommendations. (Presenter Magnus) Louisiana Chapter ACS Annual Meeting, March 18-20, 2022
 - National perspective on hospital readmissions following adrenal surgery. Presenter Lauren (poster #8). Louisiana Chapter ACS Annual Meeting, March 18-20. Lauren Mueller, Mohammad Hussein, Eman Toraih, Ahmed Mahmoud Fouad, Alexander Blum, Zaid Al-Qurayshi, Jeffrey Borchardt, Emad kandil
 - Factors Predicting Progression Of Papillary Thyroid Carcinoma Under Active Surveillance; A Systematic Review and Meta-analysis. Mahmoud Mahmoud. ACS clinical congress Oct 16-20 Oct 2022 San Diego, CA - Control Number 2022-SF-6447-ACS, 2022-SF-6824-ACS, 2022-SF-6866-ACS
 - Chromatin accessibility of the lncRNA miR-34a host gene releases a dormant beast targeting the thyroid cancer pathway. Poster presentation. Eman Toraih, Mohammad Hussein, Manal Fawzy, Emad kandil. American Thyroid Association Oct 2022, Canada
 - Predicting the risk of second primary thyroid cancer after surviving a malignancy: a latency trend analysis over four decades. Highlighted poster presentation. Abstract #285. Lauren Mueller, Muhib Haidari, Lily Trinh, Mohammad Hussein, Eman Toraih, Emad Kandil American Thyroid Association Oct 2022, Canada
 - Sexual Disparities In The Risk Of A Second Primary Thyroid Cancer After Surviving A Malignancy: A Paradoxical Threat. Poster presentation. Abstract #490. Muhib Haidari, Lauren Mueller, Lily Trinh, Mohammad Hussein, Eman Toraih, Emad Kandil. American Thyroid Association Oct 2022, Canada
 - Ultraviolet Ambient Exposure Decreases Thyroid Cancer Risk in Black Populations: A Multiethnic Study Poster presentation. Tessa Lavorgna, Mohammad Hussein, Eman Toraih, Emad Kandil American Thyroid Association Oct 2022, Canada
 - Social Exposome and the Tip of Iceberg in diagnosing Thyroid Cancer in Disproportionately Affected Communities: A US population-based Multiethnic Study. Poster presentation. Mohammad Hussein, Eman Toraih, Tessa Lavorgna, Mohamed Shama, Emad Kandil American Thyroid Association Oct 2022, Canada
 - Hashimoto's Thyroiditis Minimizes Lymph Node Metastasis in BRAF-mutant Papillary Thyroid Carcinoma. Society of Asian Academic Surgeons Annual Meeting 2022, 16 - 19 September 2022, Hawaii
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- Sexual Disparities in the Risk of a Second Primary Thyroid Cancer after Surviving a Malignancy: A Paradoxical Threat. *Society of Asian Academic Surgeons Annual Meeting 2022, 16 - 19 September 2022, Hawaii*
- The Diagnostic Performance of Ultrasound and Computed Tomography in Detecting Neck Lymph Node Metastasis: A Systematic Review and Meta-Analysis. *Society of Asian Academic Surgeons Annual Meeting 2022, 16 - 19 September 2022, Hawaii*
- Chromatin accessibility of the host gene releases miR-34a targeting the thyroid cancer pathway. *Society of Asian Academic Surgeons Annual Meeting 2022, 16 - 19 September 2022, Hawaii*
- Social Exposome and the Tip of Iceberg in diagnosing Thyroid Cancer in Disproportionately Affected Communities: A US population-based Multi-Ethnic Study. *Abstract ID: 185. American Association of Endocrine Surgeons (AAES) in Birmingham, Alabama from April 29 - May 1, 2023.*
- Be Patient – Intraoperative Parathyroid Hormone Drop Following Parathyroidectomy in Patients with Primary Hyperparathyroidism. *Abstract ID: 141. AAES Annual Meeting in Birmingham, Alabama from April 29 - May 1, 2023.*
- Comparison of Thyroid Surgery Following Radiofrequency Ablation and Upfront Thyroidectomy: A Propensity Score-matched Analysis of Surgical Outcomes and Safety. *Abstract ID: 183. AAES Annual Meeting in Birmingham, Alabama from April 29 - May 1, 2023.*

WORKSHOPS

28-30 Nov 2016	Basic biostatistics with R– Central Lab, Faculty of Vet Medicine
21 and 24 November 2016	Basic graphics with R– Central Lab, Faculty of Vet Medicine
20 Nov 2016	Introduction of R– Central Lab, Faculty of Vet Medicine
19 Nov 2016	Emergencies in respiratory medicine – CME workshop – the Egyptian society of respiratory system and allergy – Cairo University
4-5 August 2016	International Conference on Nucleic Acids: Biology, Human health and Diseases, New Orleans, Louisiana, USA.
16-18 March 2016	ICU procedures for pulmonologists – El-Fayoum.
2-5 Dec 2015	Egyptian scientific society of bronchology Conference – Cairo.
29 – 30 Oct 2015	Recent advances in stem cell research conference – Centre of excellence in molecular and cellular Medicine - Ismailia.
27-29 May 2015	Bronchology conference - Egyptian congress of pediatric pulmonology - Alexandria.
6 May 2015	Bioinformatics discussion meeting: saving lives by phylogenetic tree – Genetics unit – CRD hall, FOM-SCU, Ismailia.
26 April 2015	Bioinformatics discussion meeting: databases – Genetics unit – CRD hall, FOM-SCU, Ismailia.
April 2015	PulmoAzhar Scientific conference, Grant Hayat, Cairo.
27-28 Febr 2015	Annual meeting of ESPCR – Cairo, Egypt.
February 2015	Kasr Alainy Scientific conference, Grant Hayat, Cairo.
2-5 Dec 2015	Egyptian scientific society of bronchology Conference – Cairo.
28 and 30 September – 1 October 2015	Computational Systems Biology– Tissue culture unit and centre of excellence in molecular and cellular Medicine – Ismailia.
9 June 2015	Proteomics and drug design – Tissue culture unit and centre of excellence in molecular and cellular Medicine – Ismailia.
27-29 May 2015	Paediatric asthma: updates – Egyptian congress of paediatric pulmonology - Alexandria.
27-29 May 2015	Inhalational therapy in children – Egyptian congress of paediatric pulmonology - Alexandria.
17 May 2015	Advanced molecular concepts. Module 6. Genetics unit and centre of excellence in molecular and cellular Medicine (CEMCM) – Ismailia.
16 May 2015	Inferring phylogenetic analysis using Jalview. Module 5 - Genetics unit and

CEMCM – Ismailia.

14 May 2015 How to build a multiple sequence alignment. Module 4 - Genetics unit and CEMCM – Ismailia.

9 May 2015 Working with single DNA sequence. Module 3 – Genetics unit and CEMCM – Ismailia.

23 April 2015 Manipulation of Biological Sequences? Module 2 – Genetics unit and CEMCM - Ismailia.

18 April 2015 What bioinformatics can do for you? Module 1 – Genetics unit and CEMCM - Ismailia.

26 March 2015 What are Omic's Technology and its relationship with Bioinformatics? - (Center for Research and development) - Ismailia.

16 March 2015 Introduction to bioinformatics applications and databases (center for Research and development) - Ismailia.

March 2014 Egyptian scientific society of chest diseases and tuberculosis, annual conference 54, Cairo, Egypt.

March 2013 Egyptian scientific society of chest diseases and tuberculosis, annual conference 53, Cairo, Egypt.

July 2008 The Annual Meeting of Chest Department: Update in Pulmonary Medicine – Cairo

21-22 Sep 2012 Advanced trauma management

7-8 June 2012 Hazmat medical life support course

March 2012 Major incident medical management and support in hospital (HMIMS)

February 2012 Major incident medical management and support at the scene (MIMS)

October 2010 Statistics course, Cairo university.

11-25 Nov 2009 Cort program for teaching thinking – Portsaid.

September 2008 Advanced trauma life support

April 2008 Toefl English course - Cairo

6 May 2006 Managing time (workshop) – Alexandria.

21-22 Sep 2012 Advanced trauma management

7-8 June 2012 Hazmat medical life support course
