

Asem H. Mansour, MD

King Hussein Cancer Center
202 Queen Rania Al Abdullah St.
P.O. Box 1269 Al-Jubeiha
Amman, 11941 Jordan



SUMMARY:

Director General and Chief Executive Officer of a Comprehensive Cancer Center in Jordan. Renowned radiologist and former Chairperson of the Department of Diagnostic Radiology with sub-specialization in Neuroradiology

EDUCATION:

Master of Medical Management, Carnegie Mellon University, 2014

PA, United States of America

M.B.B.S., Vitebsk Medical Institute, School of Medicine, 1991

Vitebsk, Belorussia, Former USSR

CERTIFICATES:

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| 2008 | European certificate of Neuroradiology-ESNR |
| 2008 | Certificate confirming eligibility for specialist registration (CESR), UK |
| 2006 | Fellowship of the Royal College of Radiologists (FRCR), United Kingdom |
| 1998 | Jordanian Board in Diagnostic Radiology |
| 1992 | Jordanian General Internship Exam |

EXPERIENCE:

Chief Executive Officer/Director General King Hussein Cancer Center, 2012 – Present

- Leading the King Hussein Cancer Center, the only comprehensive Oncology Care hospital in Jordan; accredited by the Joint Commission International. The center treats around 5,000 new cases annually for all types of adult and pediatric cancers and employs more than 400 physicians and 1,000 nurses.
- Chairman of the National Cancer Care Supervisory Committee assigned by MoH, 2018
- Co-leader and Co-founder of the newly established KHCC program; the Cancer Care Informatics (CCI) in Jordan, 2017 – Present
- Member of the Board of the Arab Commission for Accreditation of Professional Program that falls under the Arab Medical Association, 2017 – Present
- Member of the National Strategy for Health Sector in Jordan, 2015

Chairman, Jordan Breast Cancer Program, 2012 - Present

Overseeing the outreach, training, and quality management activities of the only national screening program, covering the Jordanian geography and extending services to neighboring countries.

Deputy Director General King Hussein Cancer Center, 2006 – 2012

- Represented the Director General in formal external and internal engagements.
- Chaired the Executive Council and the Quality Council.

Chairman, Department of Diagnostic Radiology, 1998- 2018

Led a team of eighteen consultant radiologists with subspecialties in different fields including nuclear medicine, interventional radiology and advanced diagnostic imaging.

Associate Professor and Part time Lecturer, 2001-2003

Faculty of Allied Medicine, Hashemite University

Resident in Diagnostic Radiology, 1993-1998

Islamic Hospital, Amman, Jordan

ACTIVITIES/ AWARDS:

- 2018** International Policy Fellow, Centre for Science and Policy, Cambridge University
- 2007** Member of the International Panel of Expert Reviewers (UICC)
- 2002 & 2004** Fellowship, UICC International Cancer Technology Transfer

TRAINING COURSES AND CERTIFICATES:

- 2010-2011** *Erasmus courses in Neuroradiology*
- 2006-2008** *European courses in Neuroradiology, Basel, Switzerland*
- 2006** *Neuroradiology Clinical Research Fellowship, University of North Carolina, North Carolina, USA*
- 2005** *Biostatistics and Epidemiology Workshop, KHCC, Amman, Jordan*
- 2005** *Quantitative Methods in Performance Improvement Workshop, KHCC, Amman*
- 2004** *Training course in Mammography (Tabar Course), San Diego, USA*
- 2004** *Training in Breast Imaging, John Hopkins University, Baltimore, USA*
- 2004** *Fundamentals of Clinical Trials, KHCC, Amman, Jordan*
- 2003** *Training Course in Neuroradiology, New York University Hospital, New York, USA*
- 2002** *Advanced Training Course in Ultrasound and Ultrasound-guided procedures, General Hospital, Busto Arcizio, Italy*
- 2002** *Training Course in Radiation Protection (IAEA), Prague, Czech Republic*
- 1999** *Training Certificate in Ultrasound, Center Hospitalier, Brussels, Belgium*

INVITED LECTURES/TALKS:

- *"Expert Patients: A new Frontier"*. Medhealth Cairo 2020, Arab Health Federation. Feb 2020
- *"Challenges in Cancer Care in Jordan"*. R4HC-MENA Policy Roundtable. Dec 2019
- *"The Jordanian Healthcare System"*. Patient Expert Master Class. Amman Sep 2019
- *"Excellence in Cancer Care"*. International Healthcare Travel Forum. Jordan. Oct 2019
- *"The King Hussein Cancer Center Lean Experience"*. Health Management Asia. Hanoi, Vietnam. Sep 2019
- *"Access to All". The Economist's War on Cancer"*. Dubai, UAE. Mar 2019
- *"The Role of Centers of Excellence in Expanding Access to Quality Cancer"*. Cambridge Oct 2018
- *"Non-communicable Diseases Policy Briefing"*. WISH Qatar Foundation Conference. Doha, Qatar. Oct 2018
- *"The Role of Centers of Excellence in Expanding Access to Quality Cancer Care: The Case of Jordan. World Cancer Leaders' Summit – UICC"*. Kuala Lumpur, Malaysia. Sep 2018
- *"The Role of Public Private Partnerships in Expanding Access to Cancer Care in Jordan"*. World Health Assembly. Geneva, Switzerland. May 2018
- *"Cancer, Facts and Challenges"*. Pediatric Medical Association, Irbid Dec 2017
- *"Cancer: Challenges and Statistics"*. Jordan Medical Association, Jun2017
- *"Role of Centers of Excellence in Cancer Care"*. Global Healthcare Travel Forum. Feb2017
- *"Transforming Patients Safety"*. Amman Nov 2016
- *"CNS Complications of Hematological Malignancies"*. KHCC-AUB-MDACC 4th Conference, Nov 2016
- *"Cancer in the MENA Region – Current Situation and Response"*. Dubai Apr 2016
- *"National Tobacco Control Highlights"*. GAP Conference Sao-Paolo Apr 2016
- *"Health Technology Assessment in Cancer Care"*. GAP Conference. Sao-Paolo Apr 2016
- *"Development Trend and Opportunity of Medical Industry in Jordan"*. Taipei-Taiwan, Jun 2015
- *"National Strategy for Breast Cancer Early Detection: Tailoring Strategies to Available Resources"*. Amman Mar 2015
- *"Cancer in Elderly Patients"*. Amman Jun 2014
- *"Advanced MR imaging of Brain Tumors"*. The First Jordanian Australian Neurosurgical Conference, Amman, Jordan, Apr 2014

- **“CNS Lymphoma”**. European School of Radiology, Amman, Jordan, Oct 2011
- **“Early Detection of Breast Cancer”**. Conference on the Management of Breast Cancer for Family Physicians, 2004
- **“Basic Principles of Computed Tomography”**. National Training Course in Radiation Protection, Amman, Jordan, Jun 2003

PROFESSIONAL SOCIETIES:

- American College of Physician Executives
- Jordan Society of Diagnostic Radiology
- Jordan Society of Oncology
- Radiological Society of North America (RSNA)
- International Union against Cancer (UICC)

PUBLICATIONS AND PRESENTATIONS AT SCIENTIFIC MEETINGS:

1. *"Impact of 18F-FDG PET/CT, CT and EBUS/TBNA on preoperative mediastinal nodal staging of NSCLC.*
Al-Ibraheem A, Hirmas N, Fanti S, Paez D, Abuhijla F, Al-Rimawi D, Al-Rasheed U, Abdeljalil R, Hawari F, Alrabi K, **Mansour A**. *BMC Med Imaging.* 2021 Mar 17;21(1):49. doi: 10.1186/s12880-021-00580-w. PMID: 33731050
2. *"The Fair Allocation of Scarce Medical Resources: A Comparative Study From Jordan.*
Yousef MH, Alhalaseh YN, Mansour R, Sultan H, Alnadi N, Maswadeh A, Al-Sheble YM, Sinokrot R, Ammar K, **Mansour A**, Al-Hussaini M. *Front Med (Lausanne).* 2021 Jan 12;7:603406. doi: 10.3389/fmed.2020.603406. eCollection 2020. PMID: 33585506
3. *"Trends, Patterns, and Treatment Outcomes of Cancer Among Older Patients in Jordan: A Retrospective Analysis of National Cancer Registry and Institutional Outcome Data.*
Abdel-Razeq H, **Mansour A**, Bater R. *JCO Glob Oncol.* 2020 May;6:745-751. doi: 10.1200/GO.20.00044. PMID: 32437264
4. *"Ethical Considerations for Treating Cancer Patients During the SARS-CoV-2 Virus Crisis: To Treat or Not to Treat? A Literature Review and Perspective From a Cancer Center in Low-Middle Income Country.*
Al-Tabba' A, Al-Hussaini M, Mansour R, Sultan H, Abdel-Razeq H, **Mansour A**. *Front Med (Lausanne).* 2020 Oct 7;7:561168. doi: 10.3389/fmed.2020.561168. eCollection 2020. PMID: 33163499
5. *"Enhancing International Cancer Organization Collaborations: King Hussein Cancer Center and Princess Margaret Cancer Centre Model for Collaboration.*
Khader J, Glicksman RM, Mheid S, **Mansour A**, Giuliani ME, Gospodarowicz M, Almousa A, Abdel-Razeq H, Rodin D. *J Cancer Educ.* 2020 Sep 14. doi: 10.1007/s13187-020-01878-z. Online ahead of print. PMID: 32926325

6. "Oncology Medical Training and Practice: Managing Jordan's Brain Drain Through Brain Train-The King Hussein Cancer Center Experience.
Abdel-Razeq H, Barbar M, Shamieh O, **Mansour A.** *JCO Glob Oncol.* 2020 Jul;6:1041-1045. doi: 10.1200/GO.20.00141.PMID: 32639878
7. "Disclosure of medical errors: physicians' knowledge, attitudes and practices (KAP) in an oncology center.
Mansour R, Ammar K, Al-Tabba A, Arawi T, Mansour A, Al-Hussaini M. *BMC Med Ethics.* 2020 Aug 20;21(1):74. doi: 10.1186/s12910-020-00513-2.PMID: 32819353
8. "COVID-19-Impact on DNR Orders in the Largest Cancer Center in Jordan.
Shamieh O, Richardson K, Abdel-Razeq H, Harding R, Sullivan R, Mansour A. *J Pain Symptom Manage.* 2020 Aug;60(2):e87-e89. doi: 10.1016/j.jpainsymman.2020.04.023. Epub 2020 May 5.PMID: 32387138
9. "Gaining Palliative Medicine Subspecialty Recognition and Fellowship Accreditation in Jordan.
Shamieh O, Richardson K, Abdel-Razeq H, Mansour A, Payne S. *J Pain Symptom Manage.* 2020 Nov;60(5):1003-1011. doi: 10.1016/j.jpainsymman.2020.05.016. Epub 2020 May 20.PMID: 32442479
10. "Breast Cancer Care in Jordan". Abdel-Razeq H, **Mansour A**, Jaddan D. *JCO Glob Oncol.* 2020 Feb.
11. "Clinical Impact of 18F-FDG PET/CT on the Management of Gynecologic Cancers: One Center Experience". Al-Ibraheem A., AlSharif A., Abu-Hijlih R., Jaradat I., **Mansour A.** (2019) *Asia Ocean J Nucl Med Biol.* 2019.
12. "An ontology-based i* goal-oriented referential integrity model in systems of systems context". AlHajHassan, S., Odeh, M., Green, S., & **Mansour, A.** (2019). *The International Arab Journal of Information Technology*, 16(3A).
13. "Burden of Cancer Among Syrian Refugees in Jordan". **Mansour A.**, Al-Omari A., Sultan I., *J Glob Oncol.* October 2018.
14. "Cancer care for adolescents and young adults in Jordan". Abdel-Razeq H, Barbar M, Abu Hejleh T, **Mansour A.**, *East Mediterr Health J.* September 2018.
15. "Clinical Course and Complications of Catheter and Non-Catheter-Related Upper Extremity Deep Vein Thrombosis in Patients with Cancer". **Mansour A**, Saadeh SS, Abdel-Razeq N, Khozouz O, Abunasser M, Taqash A. *Clin Appl Thromb Hemost.* November 2018.
16. "The predictive value of magnetic resonance imaging of retinoblastoma for the likelihood of high-risk pathologic features". Hiasat JG, Saleh A, Al-Hussaini M, Al Nawaiseh I, Mehyar M, Qandeel M, Mohammad M, Deebajah R, Sultan I, Jaradat I, **Mansour A**, Yousef YA. *Eur J Ophthalmol.* March 2019.
17. "Thromboembolic events in cancer patients on active treatment with cisplatin-based chemotherapy: another look!" Abdel-Razeq H, **Mansour A**, Abdulelah H, Al-Shwayat A, Makoseh M, Ibrahim M, Abunasser M, Rimawi D, Al-Rabaiah A, Alfar R, Abufara A, Ibrahim A, Bawaliz A, Ismael Y. *Thromb J.* March 2018

18. "Goal-oriented strategic modelling for Cancer Care in Systems of Systems context using the i* framework". AlHajHassan, S., Odeh, M., Green, S., & **Mansour, A.** (2018, November). In *2018 1st International Conference on Cancer Care Informatics (CCI)* (pp. 100-109). IEEE.
19. "Analysing Cancer Care Informatics Through The Lens of The United Nations Sustainable Development Goals-A Review and Assessment". Brooks, I., Longhurst, J., Kossmann, M., **Mansour, A.**, Odeh, M., & Tbakhi, A. (2018, November). In *2018 1st International Conference on Cancer Care Informatics (CCI)* (pp. 4-14). IEEE.
20. "A semantically enriched goal-oriented referential integrity model in systems of systems context". AlHajHassan, S., Odeh, M., Green, S., & **Mansour, A.** (2018, November). In *2018 International Arab Conference on Information Technology (ACIT)* (pp. 1-10). IEEE.
21. "Evaluating the Riva Business Process Architecture Identification Method and its Constituent Heuristics through their Application to a Cancer Care Organization". Odeh, M., Green, S., Kossmann, M., Tbaishat, D., Tbakhi, A., & **Mansour, A.** (2018, November). In *2018 1st International Conference on Cancer Care Informatics (CCI)* (pp. 217-230). IEEE.
22. "An agent-based approach for strategic alignment in enterprise systems: A cancer care case". Aydin, M. E., Oztemel, E., Nashawati, D., Odeh, M., & **Mansour, A.** (2018, November). In *2018 1st International Conference on Cancer Care Informatics (CCI)* (pp. 1-7). IEEE.
23. "Streamlining the Interventional Breast Imaging Workflow by Lean Methodology Implementation". Ghoul, S., Nashawati, D. M., Hamaly, M. A., Mutlaq, S., **Mansour, A.**, & Nofal, A. (2018, November). In *2018 1st International Conference on Cancer Care Informatics (CCI)* (pp. 41-46). IEEE.
24. "Towards a Framework for Quality Measurement in a Tertiary Care Hospital: the Case of King Hussein Cancer Center". Nashawati, D. M., Hamaly, M. A., Saidan, Y. A., Arafah, M., & **Mansour, A.** (2018, November). In *2018 1st International Conference on Cancer Care Informatics (CCI)* (pp. 32-40). IEEE.
25. "Initiating and sustaining lean Management in Healthcare: The King Hussein Cancer Center Experience". **Mansour A**, Nashawati.D ,Hamaly.M. 2018 Volume 54 Number 2. Pages 39 to 41. World Hosp Health Serv. International Hospital federation.
26. "The predictive value of magnetic resonance imaging of retinoblastoma for the likelihood of high-risk pathologic features". Hiasat JG, Saleh A, Al-Hussaini M, Al Nawaiseh I, Mehyar M, Qandeel M, Mohammad M, Deebajah R, Sultan I, Jaradat I, **Mansour A**, Yousef YA. Eur J Ophthalmol. June 2018.
27. "Venous thromboembolism prophylaxis for ambulatory cancer patients, can we do better?" Abdel-Razeq H., **Mansour A.** Journal of Thrombosis and Thrombolysis. August 2017
28. "The Application of Current Proposed Venous Thromboembolism Risk Assessment Model for Ambulatory Patients with Cancer". Abdel-Razeq H., **Mansour A**, saadeh. S, Ibrahim. M. Article in Clinical and Applied Thrombosis/Hemostasis. February 2017.
29. "Thromboembolic Events in Cancer Patients on Active Treatment with cisplatin- Based Chemotherapy". Abdel-Razeq H., **Mansour A**, A.Al-Shawayat, M. Makoseh, M. Ibrahim, M. Abu-nasser, D.Rimawi, A.Al-Rabaiah, R.Alfar, Al.'Abufara, A. Ibrahim, A.Bawaleez, Y. Ismael. July 2017.

30. "Cement Pulmonary Embolism as a Complication of percutaneous Vertebroplasty in Cancer Patients". **Mansour A**, H.Abuali, S.Salah, M. Makoseh, N.Shaikh Salm , K. Abushalha, Abdel-Razeq H. abstract in the congress of the international society on thrombosis and haemostasis, July.2017.
31. "Fondaparinux vs warfarin for the treatment of unsuspected pulmonary embolism in cancer patients". Abdel-Razeq H., **Mansour A**. Article in Drug Design, Development and Therapy Volume 10:2677-2679. August 2016.
32. "Risk of Recurrent Venous Thromboembolism and Major Haemorrhage in Cancer-Associated Incidental Pulmonary Embolism amongst Treated and Untreated Patients: a pooled analysis of 926 patients". Hulle. T, Exter .P, Planquette .B, Meyer.G, Soler.S,Monreal.M, Jiménez.D, Portillo.A, O'Connell.C, Liebman.H, Shteinberg.M, Adir.Y, Tiseo.M, Bersanelli.M, Abdel-Razeq H, **Mansour A**, Donnelly.O, Radhakrishna.G, Ramasamy.S, Bozas .G, Maraveyas.A, Shingare.A, Hatabu.H, Nishino .M, Huisman.M, A Klok. F. Article in Journal of Thrombosis and Haemostasis 14(1). October 2015.
33. "Cancer Care in Jordan". Abdel-Razeq H, Attiga.F,**Mansour A**. Article in Hematology/ Oncology and Stem Cell Therapy 5(2). February 2015.
34. "Hematopoietic Stem Cell Transplantation of an Adolescent With Neurological Manifestations of Homozygous Missense PRF1 Mutation". Hussein.A, Hamdah.T, Qandeel.M, Sughayer.M, Amarin.R, **Mansour A**, Chiang.S, Al-Zaben.A, Meeths .M, Bryceson.Y. Article in Pediatric Blood & Cancer 61(12) · December 2014.
35. "Inferior vena cava filters in patients with advanced-stage cancer". **Mansour A**, Ismael Y, Abdel-Razeq H. Hematol Oncol Stem Cell Ther. 2014 Dec;7(4):136-41.2014.09.005. Epub. Oct 6 2014.
36. "MR imaging features of intracranial primary CNS lymphoma in immune competent patients". **Mansour A**, Qandeel.M, Abdel-Razeq H, Abu-Ali.H. Article in Cancer imaging : the official publication of the International Cancer Imaging Society 14(1):22. May 2014.
37. "The application of clinical variables and models to predict pulmonary embolism in cancer patients: a comprehensive single cancer center experience". **Mansour A**, Ismael Y, Abunasser M, Hammode E, Turfa R, Abdel-Razeq H. Patient Prefer Adherence. October 2013.
38. "F-fluorodeoxyglucose positron emission tomography/computed tomography for the detection of recurrent bone and soft tissue sarcoma". Al-Ibraheem A, Buck AK, Benz MR, Rudert M, Beer AJ, **Mansour A**, Pomykala KL, Haller B, Juenger H, Scheidhauer K, Schwaiger M, Herrmann K. Cancer. 2013 Mar 15;119(6):1227-34. Epub 2012 Dec 11.
39. "Radiological features of gitourinary plexiform neurofibroma in three patients". **AH Mansour**, AH Haikal, HZ Omari, AJ Nofal, Journal of Pediatrics, 2012 - IOS Press.
40. "Neuroradiologic Imaging Findings in Histiocytosis Syndromes in Children and Young Adults". Aleksandrs U. Kalnins, MD, MBA, **Asem Mansour, MD**, and Mauricio Castillo, MD, FACR. Neurographics 2:106 –118 Sep 2012.
41. "Radiological Findings in Gliosarcoma A Single Institution Experience". M.Y. SWAIDAN, M. HUSSAINI, I. SULTAN, **A. MANSOUR**. NRJ Digital - The Neuroradiology Journal 2:173-180, 2012.

42. "Frontolateral Approach for Anterior Cranial Fossa, Sellar, and Parasellar Tumors: Advantages and Technical Aspects". Elayyan.M, Shurbaji.A, **Mansour A**. Article in Skull Base Surgery 21(S 01). January 2011.
43. "Inferior vena cava filters in cancer patients: to filter or not to filter". Abdel-Razeq H, **Mansour A**, Ismael Y, Abdulelah H. Ther Clin Risk Manag. 2011; 7:99-102. Epub 2011 March 10.
44. "Incidental pulmonary embolism in cancer patients: clinical characteristics and outcome--a comprehensive cancer center experience". Abdel-Razeq HN, **Mansour AH**, Ismael YM. Vasc Health Risk Manag. 2011; 7:153-8. Epub 2011 March 15.
45. "Venous thromboembolism (VTE) in hospitalized cancer patients: prophylaxis failure or failure to prophylax!". Abdel-Razeq H, Albadainah F, Hijjawi S, **Mansour A**, Treish I. J Thromb Thrombolysis. 2011.
46. "Diffuse pontine glioma in Jordan and impact of up-front prognosis disclosure with parents and families". Qaddoumi I, Ezam N, Swaidan M, Jaradat I, **Mansour A**, Abuirmeileh N, Bouffet E, Al-Hussaini M. J Child Neurol. 2009 Apr;24(4):460-5. Epub 2008 Dec 10.
47. "Thymoma and thymic carcinoma arising in a thymolipoma: report of a unique case". Haddad H, Joudeh A, El-Taani H, **Mansour A**, Morcos B, Fayoumi S, Sughayer M. Int J Surg Pathol. 2009 Feb.
48. "Closing the survival gap: implementation of medulloblastoma protocols in a low-income country through a twinning program". Qaddoumi I, Musharbash A, Elayyan M, **Mansour A**, Al-Hussaini M, Drake J, Swaidan M, Bartels U, Bouffet E. Int J Cancer. 2008 March 15.
49. "Impact of telemedicine on pediatric neuro-oncology in a developing country: the Jordanian-Canadian experience". Qaddoumi I, **Mansour A**, Musharbash A, Drake J, Swaidan M, Tihan T, Bouffet E. Pediatr Blood Cancer. 2007 Jan.
50. "Desmoplastic noninfantile ganglioglioma: report of a case". Qaddoumi I, Ceppa EP, **Mansour A**, Sughayer MA, Tihan T. Pediatr Dev Pathol. 2006 Nov-Dec 9.
51. "Pediatric Burkitt's lymphoma: CT findings". Kamona AA, El-Khatib MA, Swaidan MY, Jarar MS, Suleiman AJ, Ali HM, Basharaheel AB, **Mansour A**. Abdom Imaging. 2007 May-June.
52. "Acute coronary artery air embolism following CT-guided lung biopsy". **Mansour A**, AbdelRaouf S, Qandeel M, Swaidan M. Cardiovasc Intervent Radiol. 2005 Jan-Feb.
53. "Solid (stromal predominance) hepatic mesenchymal hamartoma". **Mansour A**, Qandeel M, Sughayer M, Kamona A, Sweidan M, Khawajah M. Pediatr Radiol. 2005 March.
54. "Biliary obstruction secondary to combat-related foreign bodies: report of two cases". Atheel Kamona, **Asem Mansour**, Monther Qandeel, M. Al-Eshaiker. Abdominal Imaging, 30(6):748-9, 2005.
55. "Wernicke encephalopathy in a child with leukemia". **Asem Mansour**, Atheel Kamona, Monther Qandeel, Abdullah Jamil, Maisa Swaidan, Nesreen Faqieh, Maysoun Tahir. European Radiology extra 54(2): 43-45, 2005.

