

Curriculum Vitae

Dr. Mahmoud Al-Balas, MBBS, MSc

**Assistant Professor of Surgery – The Hashemite
University, Jordan**

Consultant General and Laparoscopic Surgery

Consultant Breast Oncoplastic & Reconstructive Surgery

March, 2021

Personal Profile

Name: Mahmoud Ibrahim Mahmoud Al-Balas

Place of Birth: Irbid – Jordan

Date of Birth: 03/09/1984

Nationality: Jordanian

Marital Status: Married

Mailing address: P.O. Box 3, 21510, AlHuson, Irbid, Jordan

Telephone: Jordan: (00962) 796-076650

Email: mahmoud_albalas@hu.edu.jo

Higher Education Certificates

- **General Secondary Education Certificate (Scientific Stream). Ministry of Education / Jordan. Directorate of Education for the Second Irbid / 1st Rank (96.8%)**
- **M.B.B.S. Degree (06/2008). Jordan University of Science and Technology, Jordan (09/2002 – 06/2008)**
- **Higher Specialization Degree in General Surgery (6/2014). Jordan University of Science and Technology, Jordan (07/2009 – 06/2014)**
- **Fellowship Certificate in Breast Oncoplastic and Reconstructive Surgery – S. Orsola-Malpighi Hospital, University of Bologna, Italy**

Examinations and Certificates

- **MRCS - Ireland Part A, 2014**
- **Jordanian Medical Council Certificate / General Surgery Board, 2014**
- **ECFMG certificate, July 2009**
- **USMLE Step 1 (Score 90)**
- **USMLE Step 2 CK (Score 99)**
- **USMLE Step 2 CS**
- **Unrestricted license to practice medicine in Jordan, (2008)**

Current / Prior Employments and Training

(1) 07/01/2018 – Current

Breast and General Surgeon

Prince Hamzeh Hospital, Jordan

(2) 10/12/2017 – Current

Assistant Professor of Surgery – Specialist Breast and General Surgery

Institution: The Hashemite University, Jordan

(3) 26/10/2015 – 25/10/2017

Clinical Position: Breast Oncoplastic Surgery Fellow

Institution: Sant Orsola-Malpighi Hospital Breast Unit – Bologna, Italy / University of Bologna

Breast unit surgical procedures:

Mastectomy – Nipple sparing mastectomy – Skin sparing mastectomy – Breast conservative surgery with reconstruction – Autologous and Prosthetic Breast Reconstruction – Sentinel lymph node biopsy – Axillary dissection – Breast augmentation – Breast reduction – Mastopexy surgery – Gynecomastia surgery – autologous fat grafting.

(4) 16/1/2015 – 20/10/2015

Clinical Position: General and Trauma Surgeon

Institution: Médecins Sans Frontières (MSF / Doctors without Borders) / Holland

Clinical Tasks:

- ❖ Treatment and Management of civilian injured Syrian patients who pass borders into Jordanian lands.
- ❖ Perform initial trauma assessment and management of acute life threatening injuries.
- ❖ Perform FAST scan, Central line and chest tube insertion in ER.
- ❖ Apply principles of Damage Control Surgery.
- ❖ Perform emergent thoracotomy and management of different thoracic and chest wall injuries (e.g., parenchymal injuries, vascular injuries chest wall injuries).
- ❖ Perform emergent laparotomy and management of solid, visceral, vascular and retroperitoneal injuries).
- ❖ Perform primary vascular repair and grafting for limb injuries plus fasciotomy.
- ❖ Perform different types of limb amputations and revision for amputations.
- ❖ Apply MSF and an ICRC protocols in the management of soft tissue injuries, debridement, delayed primary closure and skin grafting for wound closure.
- ❖ In ward and ICU continuous medical and surgical management in cooperation with the available medical team.
- ❖ Tracheostomy creation.
- ❖ Ultrasound guided suprapubic catheter insertion.

(5) 1/11/2014 – 20/10/2015

Clinical Position: General and Laparoscopic Surgeon

Institution: Private independent practice

(6) 1/7/2014 - 30/9/2014

Clinical Position: General surgery fellow / ER department

Institution: King Abdullah University Hospital

(7) 07/2009 - 6/2014

Clinical Position: General surgery resident

Institution: King Abdullah University Hospital

Clinical Tasks

- ❖ Teaching medical students and junior surgery residents
- ❖ Presenting seminars and journal clubs in general surgery department scientific activities
- ❖ Senior resident of general surgery, vascular surgery, MIS, colorectal surgery, thoracic surgery and pediatric surgery teams
- ❖ Trauma senior resident (i.e. assessment and management of multi-trauma patients including thoracic, abdominal and vascular injuries)
- ❖ Operate independently overnight

(8) 07/2008 - 06/2009

Internship at Prince's Basma Hospital, Ministry of Health, Jordan

(9) 02/2008 - 03/2008

Elective course in General radiology

University of Texas Medical Branch at Galveston (UTMB), Texas

01/2008 - 02/2008

Elective course in Nuclear medicine

University of Texas Medical Branch at Galveston (UTMB), Texas

Professional Memberships

- Membership of the Jordan Medical Council
- European Society of Surgical Oncology (ESSO)
- American Society of Breast Surgery (ASBrS)
- Jordanian Surgical Society
- Jordanian Society of Oncology
- Membership of EUSOMA

Workshops

- Specialty Skills in Breast Reconstruction (Level 1), Royal College of Surgeons; London, UK. February 2016.
- Breast Augmentation Course, Aesthetic Breast Meeting (MBN 2016); Milan, Italy. 30th November, 2016.
- ESSO Hands-on Course on Minimally Invasive Gastrectomy and Esophagectomy; Utrecht (NL). 16th – 17th March 2017
- Breast Reconstruction Cadaver Workshop, Paris, France. 29th - 31 May, 2017
- Body Contouring and 3D Liposuction; Cairo, Egypt. March, 2019

Conferences and Scientific Activities

2015

1. Jordanian Medical Council (JMC) lecturer for internship doctors, 2015.
2. Management Multidisciplinare nel Trattamento Personalizzato del Carcinoma della Mammella (Multidisciplinary Management in Personalized Treatment of Breast Carcinoma), 8th Edition / Bologna, Italy. 3rd – 4th December, 2015.
3. Recidive e Metastasi Cutanee da Carcinoma Mammario ed Electrochemioterapia, (Recurrence and Metastasis of Breast Cancer and Cutaneous Electrochemotherapy) Bologna, Italy. 17th December, 2015.

2016

1. **Earlier is a Better Chance (Neoadjuvant Approach in the Management of Breast Cancer);** Bologna, Italy. 30-31 May, 2016.
2. **ESSO Meet the Expert Webinar: Robotic Colorectal Cancer Surgery.** 5th September, 2016.
3. **MBN 2016 - Aesthetic Breast Meeting;** Milan, Italy. 1st-3rd December, 2016.
4. **Non-Operative Management of Solid Organ Injuries;** Milan, Italy. 12th December, 2016.
5. **Advanced Trauma Operative Management (ATOM) Course;** Pavia, Italy. 13th December, 2016.
6. **Management Multidisciplinare nel Trattamento Personalizzato del Carcinoma della Mammella (Multidisciplinary Management in Personalized Treatment of Breast Carcinoma),** 9th Edition; Bologna, Italy. 15th -16th December, 2016.

2017

1. **The medical clinical pathway for women with breast cancer;** Bologna, Italy. 13th May, 2017
2. **The 45th Annual Conference of Jordanian Surgical Society;** Amman, Jordan. 30th November, 2017 – 2nd December ,2017.

2018

1. **The 7th International Medical Conference;** Irbid, Jordan. 4th – 7th April, 2018
2. **Yarmouk University Medical Conference,** Irbid, Jordan. 7th – 8th August, 2018
3. **The 3rd Jordanian Annual Surgical Clinical Congress,** Amman, Jordan. 13th – 14th September, 2018
4. **The 16th International Jordanian Oncology Society Conference,** Amman, Jordan. 27th – 29th September, 2018
5. **Cancer Care Informatics,** Amman, Jordan. 19th -21 November, 2018
6. **MBN 2018_ Aesthetic Breast Meeting,** Milan, Italy. 12th-15th December ,2018.

2019

1. Professional Diploma in 3D Body Liposuction; Cairo, Egypt. March 2019
2. 1st KHCC Surgical Oncology Conference; Amman, Jordan. 11th-13 April, 2019
3. 19th Pan Arab Cancer Congress; Amman, Jordan. 25th -27th April, 2019.
4. The 4th Annual Jordanian Surgical Clinical Congress “Jordan Chapter of the American College of Surgeons”; Amman, Jordan. 12th-13th September 2019
5. The 3rd Scientific Day of Breast Imaging Unit, Prince Hamzeh Hospital; Amman, Jordan. 31/10/2019.

2020

1. Synchronous primary adenocarcinoma of the appendix and colon: Case report and literature review; Presentation; The 9th international medical conference; 26/11/2020
2. Breast Cancer: Care for a Cure; Presentation; She is Fighting international virtual event. 25/10/2020
3. Essentials of Breast Cancer: the role of general physicians in screening and diagnosis; Presentation. In collaboration with HAKEEM: the national program for new physicians' guidance.
4. Breast cancer awareness campaign; Irbid in collaboration with the Jordanian Breast cancer program. 1-30 / October / 2020
5. Breast cancer awareness campaign; online public presentation in collaboration with the Jordanian Breast cancer program; 14/10/2020
6. Breast cancer surgery in elderly women. Presentation; Battling NCDs conference; 26-27/6/2020
7. The diagnosis of breast pathology, breast cancer early detection: the role of physician and patient. online public presentation in collaboration with the Jordanian Breast cancer program; 19/5/2020
8. Health awareness local campaign in collaboration with the faculty of medicine, Hashemite university. 12/3/2020
9. Lobular carcinoma in situ variants: treatment and survival outcomes. Presentation. The 18th International Jordanian Oncology Conference; Amman, Jordan 22/2/2020

Lectures and Presentations

1. The 7th international Medical Conference, Jordan Medical Association/Irbid Branch, Irbid, Jordan: The Role of SLNB and ALND in Early Breast Cancer Treatment. 5th April, 2018
2. Jordan Society of Surgeons Meeting, Irbid, Jordan: Breast Cancer “Updates in Classification and Prognosis”. 13th May, 2018
3. Jordan Medical Council Internship Course, Amman, Jordan: Breast Cancer “What Every Medical Student Should Know”. 20th May, 2018.
4. Yarmouk Medical Conference 2018, Irbid, Jordan: “Molecular Subtypes of Breast Cancer “Clinical Significance and Impact on Prognosis”. 7th August, 2018.
5. The 4th Annual Jordanian Surgical Clinical Congress “Jordan Chapter of the American College of Surgeons”, Amman, Jordan: Prosthetic Breast Reconstruction and PMRT. 12th-13th September, 2019.
6. The 3rd Scientific Day of Breast Imaging Unit, Prince Hamzeh Hospital, Amman, Jordan: Current Trends in Breast Reconstruction. 31 October, 2019
7. Synchronous primary adenocarcinoma of the appendix and colon: Case report and literature review; Presentation; The 9th international medical conference; 26/11/2020
8. Breast Cancer: Care for a Cure; Presentation; She is Fighting international virtual event. 25/10/2020
9. Essentials of Breast Cancer: the role of general physicians in screening and diagnosis; Presentation. In collaboration with HAKEEM: the national program for new physicians' guidance.
10. Breast cancer awareness campaign; online public presentation in collaboration with the Jordanian Breast cancer program; 14/10/2020
11. Breast cancer surgery in elderly women. Presentation; Battling NCDs conference; 26-27/6/2020

12. The diagnosis of breast pathology, breast cancer early detection: the role of physician and patient. online public presentation in collaboration with the Jordanian Breast cancer program; 19/5/2020
13. Lobular carcinoma in situ variants: treatment and survival outcomes. Presentation. The 18th International Jordanian Oncology Conference; Amman, Jordan 22/2/2020

Publications

1. Al-Balas M, De Leo A, Serra M, Santini D, Taffurelli M. Granular cell tumour of the breast: A rare presentation of a breast mass in an elderly female with a subsequent breast cancer diagnosis. *SAGE Open Medical Case Reports*. January 2019. doi:[10.1177/2050313X19841154](https://doi.org/10.1177/2050313X19841154).
2. Al-Balas M, Alwiswasy M, Al-Balas H, Serra M, Aleshawi A. Successful management of diffuse bilateral pseudoangiomatous stromal hyperplasia of the mammary glands by reductive mammoplasty. *Breast Dis*. 2020;39(2):115-118. doi: 10.3233/BD-190428. PMID: 32280077
3. Al-Balas M, Al-Balas HI, Al-Balas H. Surgery during the COVID-19 pandemic: A comprehensive overview and perioperative care. *Am J Surg*. 2020;219(6):903-906. doi:10.1016/j.amjsurg.2020.04.018
4. Rami Alqassieh, Mahmoud Al-Balas, Hamzeh Al-Balas. Anesthetic and surgical considerations of giant pericardial cyst: Case report and literature review. *Annals of Medicine and Surgery*, Volume 55, 2020; 275-279, <https://doi.org/10.1016/j.amsu.2020.05.038>
5. Al-Balas, H., Al-Balas, M., Al-Balas, H.I. *et al*. Electronic Smoking Behavior Among Adult Males in Jordan. *J Community Health* (2021). <https://doi.org/10.1007/s10900-020-00953-2>
6. Al-Balas, M., Al-Balas, H.I., Jaber, H.M. *et al*. Distance learning in clinical medical education amid COVID-19 pandemic in Jordan: current situation, challenges, and perspectives. *BMC Med Educ* 20, 341 (2020). <https://doi.org/10.1186/s12909-020-02257-4>

7. Al-Balas, H.I., Al-Balas, M., Al-Balas, H. *et al.* Electronic Cigarettes Prevalence and Awareness Among Jordanian Individuals. *J Community Health* (2020).
<https://doi.org/10.1007/s10900-020-00904-x>
8. Mohammad K.M. Al-Wiswasy, Hamzeh Al-Balas, Raith A.S. Al-Saffar, Mahmoud Al-Balas. Synchronous primary adenocarcinoma of the appendix and colon: Case report and literature review. *International Journal of Surgery Case Reports*, Volume 77, 2020; 628-633, <https://doi.org/10.1016/j.ijscr.2020.11.075>.
9. Hamzeh Al-Balas, Mahmoud Al-Balas, Mohammad Al-Wiswasy. Idiopathic spontaneous cecal perforation: A rare pathology with high mortality. *Annals of Medicine and Surgery*, Volume 60, 2020, 518-521,
<https://doi.org/10.1016/j.amsu.2020.11.047>
10. Rasheed Ibdah, Sukaina Rawashdeh, Abdullah Al-Kasasbeh, Mahmoud Albalas, Nail A. Obeidat, Nasr Alrabadi. The impact of COVID-19 pandemic on the cardiology services in Northern Jordan. *Annals of Medicine and Surgery*, Volume 60, 2020, Pages 604-605,
<https://doi.org/10.1016/j.amsu.2020.11.046>.
11. Mahmoud Al-Balas, Margherita Serra, Hamzeh Al-Balas, Donatella Santini, Mario Taffurelli. Clinical and Biological Characteristics of Breast Cancer in Women with Mammary Paget's Disease: A Retrospective Study of 36 cases. *Surgery, Gastroenterology and Oncology*, 25 (5), 2020. DOI: 10.21614/sgo-25-5-236
12. Mohammad Al-Wiswasy, Mahmoud Al-Balas, Raith Al-Saffar, Hamzeh Al-Balas. Primary stromal sarcoma of breast: A case report and literature review. *Breast Disease*, 2021. Doi: 10.3233/BD-201012

Languages

- Arabic (native)
- English (fluent)
- Italian language (intermediate)

References

- **Prof. Mario Taffurelli**
Professor of surgery and Director of Breast Unit, Bologna University
Sant'Orsola-Malpighi Hospital, Bologna University, Italy
Mario.taffurelli@unipo.it

- **Prof Fuad Ammari, FRCS**
Professor of Surgery, Jordan University of Science and Technology
Irbid, Jordan, P.O. Box 3030
ffammari@yahoo.com

- **Prof. Kais Al-Wattar**
Senior Consultant Pediatric and General Surgery
Jordan University of Science and Technology
Irbid, Jordan, P.O. Box 3030
Tel: 00962-799051382
Kais_alwattar@hotmail.com

- **Dr. Ghazi Qasaimh**
Professor of Surgery
Jordan University of Science and Technology
Irbid, Jordan, P.O. Box 3030
ghaziq@just.edu.jo