

Personal details:

Mr. Hazem E. Alfegy

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Registrations:

- GMC: 7468460
- Egyptian Medical Syndicate: 184466

Memberships:

- Member of BAPRAS (Associate).
- Member of the BSSH (Associate)
- Member of British Burn Association (BBA). No: 1308
- Member of Medical Defense Shield. No: 170801483
- Member of the Egyptian Medical Syndicate (EMS), No.184466.
- Member (fellow) of the Royal College of Surgeons (RCS Eng.), No.9028239.

Qualifications:

- Diploma of Hand Surgery (European), FESSH, June 2018.
- FRCS(Past) R. C. S. Eng. March 2017.
- Fellowship of the European Board of Plastic, Aesthetic, and Reconstructive Surgery, October 2015.
- Diploma of Membership of the Royal College of Surgeons (England) September 2014.
- MSc of Surgery, Alazhar University, Cairo, April 2010, grade: Very Good.
- MBBCh, Alazhar University, Cairo December 2005, grade: Very Good with honor degree.

Employment:

- 1. Consultant Plastic and Breast Reconstructive Surgery, Plastic Surgery Dept.
Bedford Hospital***

- From 17/06/2019 till now.

The plastic surgery service at Bedford hospital services a wide range of plastic surgery procedures including breast reconstruction, microsurgery, hand elective and trauma surgery, laser, skin cancer surgery, limb reconstruction and general plastics surgery. My main work at Bedford is Microsurgical breast and limb reconstruction.

I am committed to, and involved in, clinical governance, risk management and clinical audit including the development and maintenance of appropriate systems and practices to ensure continued safe clinical practice. I participate, and show regular commitment to audit, with 10 sessions per year committed to audit and clinical governance. Teaching is an integral part of the unit, with junior doctors, medical students etc. I am committed also to participate in seminars and lectures for medical students, junior doctors and other professional or lay groups with health interests.

I Work in close relation to the breast and plastic specialist nurses and hand therapy team. We do weekly breast and hand MDT with our colleagues and specialist nurses from all departments.

2. Consultant Plastic and Hand Surgery, Plastic Surgery Dept.

University Hospitals Coventry and Warwickshire

- From 26/03/2018 to 16/06/2019.

University Hospitals Coventry & Warwickshire NHS Trust is one of the largest Trusts in the UK. The Trust is currently located on two sites with 1400 acute medical and surgical beds. It is a major trauma center and includes an established and successful ortho-plastic lower limb reconstruction service.

I worked Monday to Friday with fixed 5 PAs and agreed planned extra 3 lists a week. Most of my case load was elective and trauma hand surgery. I participated in existing patterns of intradepartmental specialist referral. We worked in collaboration with the orthopaedic hand surgery service. We have developed an upper limb neuromuscular with our orthopaedic colleagues to provide limb reconstruction and rehabilitation

I was on the full time on call consultant rota which is currently 1 in 8 covering local and regional plastic service in region.

3. Hand Surgery and trauma fellow, Plastic Surgery Dept.

Whiston hospital, STHK NHS Trust, Liverpool, UK.

From 01/08/2017 to 25/03/2018.

The plastic surgery service at Whiston hospital has expanded dramatically over the last few years to recruit more than 21 consultants and 6 specialties doctors/ Associate specialists, hand fellow

and 18 registrars. All the variety of plastic surgery procedures are offered with the center being the regional center for skin cancer, hand trauma and lower limb trauma service. The department covers very wide catchment area and offers all types of Microsurgical breast, head and neck, and lower limb reconstruction. After successful interview, I was appointed as a Hand Surgery fellow for one year commencing on the 2nd of August 2017.

The hand surgery fellowship is a very busy fellowship where you work directly to more than 5 hand and trauma consultants. There is wide exposure to both elective and emergency trauma service including hand, upper limb and lower limb reconstruction. Besides, there is a regular congenital hand list on Monday with professor McArthur at the renowned Alderhey children's hospital, the regional children hospital in the northwest. The main work is congenital hand differences surgical management from simple syndactyly surgery to toe transfer. Mr. Bell and Mr. Gawad are interested in lower limb reconstruction and the department is the regional lower limb reconstruction service. Since I started my fellowship, I have been involved and well trained in pedicled and free tissue transfer for limb reconstruction on weekly basis. I had the chance to operate independently with minor supervision while raising the free flap or in-setting it and doing the microanastomosis.

I did the trauma list once or twice weekly, one full day of elective children hands list, once weekly children hand clinic, once weekly elective adult hand clinic, once weekly full day lower limb trauma list.

4. Breast Reconstruction Fellow, Plastic Surgery Dept.

Whiston hospital, STHK NHS Trust, Liverpool, UK.

From 08/03/2017 to 31/07/ 2017.

The breast reconstruction attachment with Mr. Koshy involved Free Flap reconstruction on 2 cases per week on average. And another breast list at St Helen's Hospital every other Monday where Revision of the free flaps, breast lipofilling, reduction mammoplasty, mastopexy, and nipple reconstruction are performed.

During this attachment, and after passing my FRCS exams, Mr. Koshy was keen to teach me to improve my microsurgical skills, be more efficient and to start to take a more leading role in the form of supervised theater team briefing for free flaps, Decision making, theaters and clinic planning, and breast MDT presentations for our cases.

I have done a good variety of the above-mentioned procedures under direct supervision of Mr. Koshy. This has improved my skills and the outcomes of my work.

5. SPR Plastic Surgery,

Countess of Chester Hospital, NHS trust, Chester, UK.

from 03/08/2016 to 28/02/2017.

The main work load in the countess is hand trauma, skin cancer and breast reconstruction surgery. The exposure to a good variety of skin cancer, regular MDT attendance and presentation of our department cases help to develop the decision making and working within a team. Teaching is held within the department on regular 3 times weekly rota where the registrar presents on a specific topic of interest and an open discussion is encouraged to reflect on the clinical practice. Despite being a small unit, the on call rota is busy with 4 registrars only to cover. This in turn increases the regular exposure to trauma cases and improves the decision-making process as well as the surgical skills.

6. Breast reconstruction Fellow,

St Andrew's Plastic Surgery Center, Broomfield Hospital, Chelmsford, Essex, UK

From 01/01/2016 to 31/07/2016.

Working in this well nominated, one of the busiest plastic surgery trauma center all over the UK enriched my experience in managing various elective and emergency plastic surgery cases with exposure to complex reconstructive procedures in areas of hand, lower limb, head and neck, abdominal wall defects, burns, and congenital cleft and hypospadias surgery.

I worked as Mr. Niranjana's fellow during which, I was exposed to variety of complex plastic surgery procedures specially in the perforator-based flaps and breast surgery area. Mr. Niranjana has been practicing and teaching Plastic surgery over the past 30 years with more than 70 international publications and hundreds of presentations and workshops across the whole world. This made this fellowship a cut point in my training and opened my mind to his school while managing complex cases.

I did twice weekly clinics in Chelmsford and in Colchester hospitals covering breast and general plastics aspects. I operated with him 2 all days lists a week and operated independently once all day list a week. I was on the on-call fellow senior rota covering emergency plastic surgery regional service for east London and Essex regions. During this placement, I have done a variety of complex hand trauma cases including fractures and finger replantation as well as elective abdominal wall and, perineal, and breast reconstruction.

7. Hand Surgery Fellow,

St Andrew's Plastic Surgery Center, Broomfield Hospital, Chelmsford, Essex, UK.

From 03/08/2015 to 31/12/2015.

From August to December 2015, I was the Hand fellow to Mr. Manu Sood, one of the well-known hand surgeons in the U.K. With wide exposure to variable surgical hand problems, in the

acute, clinic and theater settings. The work load was elective hand surgery including management of the arthritic hand, joint replacements, arthrodesis, CMC and wrist denervation, Tendon and soft tissue hand reconstruction. My job plan included 4 theatre sessions and 3 clinics at Broomfield hospital and in Queen Hospital in Romford, East London. Besides, I was on the senior fellow on-call rota where I had chance to manage complex trauma patient.

I participated in the non-clinical activities like monthly audits, quality improvement projects, Morbidity and Mortality meetings, student teaching and supervising junior trainees.

8. LAT, ST4 Plastic Surgery Training post

Canniesburn Plastic Surgery, Glasgow Royal Infirmary, Glasgow, Scotland

From 26/01/2015 to 02/08/2015.

This internationally renowned unit comprises 51 beds in the Burns & Plastic Surgery Unit of Glasgow Royal Infirmary (13 in the Burns unit, and 10 in the Plastic Surgery HDU), plus 18-day surgery and day of surgery admission trolleys and a dedicated 6 theaters. The unit is based within Glasgow Royal Infirmary however outpatient clinics are also run in other major hospitals throughout the West of Scotland, and the Unit contributes to several Supra-regional / National Services.

The unit has research interests in burns care, microbiology, breast reconstruction techniques, laser imaging of blood flow, micro-vascular reconstruction, trauma reconstruction, nerve injury, head & neck cancer, and oncology.

The ST4 LAT post duties included direct patient care in the Unit, increasing operative experience, attendance at relevant subspecialty clinics, participating in teaching program (including the International Flap Course, and Microsurgery Courses), and the treatment of acute trauma. I served on the Specialty Trainee Grade of the unit's on-call rota which covers both Glasgow Royal Infirmary and York hill Royal hospital for sick children.

Being in a training post, this enhanced the knowledge aspect of my carrier and kept me updated through the continuous twice weekly departmental teaching and once monthly deanery teaching taking place in different hospitals all over Scotland, hence exposure to multiple teaching sources was possible and a favorable learning environment exists.

The scope of my work was: Breast reconstruction, skin cancer, lymph node surgery, trauma, burn, and hand surgery.

I participated in the non-clinical activities of the unit such as audits, junior teaching, presentations and medical students teaching.

9. Clinical Fellow, Plastic Surgery

University Hospitals Coventry and Warwickshire, Coventry, Midlands, UK.

from 01/12/2014 to 24/01/2015.

The West midlands university hospitals is one of the biggest trauma centers in the country and in houses around 1400 beds. The department of plastic surgery offers a variety of both reconstructive and trauma procedures with a daily based elective theater access and almost a daily trauma list. I was exposed to a variety of skin cancers and hand trauma. Breast reconstruction was one of the commonest procedures served by the department. Besides, I was exposed to a combined ortho-plastic list weekly for the reconstruction of the lower limb trauma patients, skin cancer cases, lymph node surgery, hand, hypospadias, and abdominal wall reconstruction.

I was on the SHO rota that was 1 in 5 and covered mainly plastic surgery service with some cross cover with ENT and Maxillofacial surgery.

10. Specialist Plastic Surgery:

Hamad Medical Corporation, Qatar.

From 16/03/2011 to 10/07/2014.

Alkhor Hospital is a District general hospital with 120 beds capacity. The plastic surgery department was served by a consultant, and 2 specialists (including me).

- my weekly Rota included;
- 2 all days' hand clinic with annual average of 3500 patient visits.
- 2 all days main O.T.
- 1 all day DSU.
- On call every other day for 24 hours

The workload was hand trauma including fractures, tendon, nerve and soft tissue injury management, body contouring surgeries including abdominoplasty, liposuction, breast cosmetic surgery, post massive weight loss body contouring, facial aesthetic surgery, skin cancer surgery, and complex and non-complex lower limb reconstruction cases.

I represented the plastic surgery in the hospital monthly meetings for Morbidity and Mortality, audits, and participated in medical education to Weill Cornell university medical students in Qatar.

11. Consultant Plastic Surgery,

Smart Clinic Plastic Surgery Clinics, Cairo, Egypt.

From 06/12/2010 to 15/03/2011.

This is a plastic surgery service at the west of Cairo. The team included 2 plastic surgery consultants, 2 specialists and 3 trainees. The scope of work included both reconstructive and aesthetic surgery procedures like hand trauma and limb and breast reconstruction. The duties included 3 clinic and 6 theatre sessions a week. I participated in the educational and clinical governance activities of the service. I was responsible for the on-call rota co-ordination.

12. Resident of Plastic Surgery**Al-Azhar University Hospital, Cairo, Egypt.**

From 10/09/2007 till 05/12/2010.

Following my internship year, and due to my top ranking between the college graduates, I was awarded a placement in the University Residency Program which is a 3-year plastic surgery training program in Alazhar University Hospitals, Egypt. These are a group of 5 hospitals in Cairo, Assiut, and Damietta. I was trained in Assiut University Hospital which is a 700-bed hospital. I joined the General surgery department for 6 months as a general training before heading to my specialty. The department is served by 10 professors, 5 assistant professors, 15 lecturers and assistant lecturers and 15 residents.

After completing my general surgery training, I moved to Bab Elsheria and Alhusain University Hospitals, two of the biggest and busiest hospitals in Cairo with a capacity of: 1500 ward-beds, 35 departments in all medical and surgical fields, 30 ITU beds, 25 Operating theaters, with a high standard Radiology Department. The plastic surgery Department was established in the 1960s and has a capacity of 50 bed and 20 beds Burn unit, a dedicated theater suit including 5 theaters, 9 clinics weekly and 5 dressing rooms. The department is served by 17 professors, 8 assistant professors, 9 lecturers and assistant lecturers, 16 residents and 50 nurses.

Seven rotations six Training
months each

Burns	Burn Care
Reconstruction	Burn Sequelae, Post-Traumatic Lower Limb Reconstruction, Flaps and microsurgery
Aesthetic Unit	Body contouring: Abdominoplasties, Breast Surgery, Post Bariatric Surgery
Hand Surgery	Soft tissue trauma, tendon repair and transfer, fractures.
Paediatric	Cleft Lip/Palate, Hypospadias Congenital Hand deformities
Head and Neck	Skin and salivary gland Cancer, facial skin reconstruction, trauma, neck dissection, minor procedures

Maxillo-facial	Facial fractures fixation and management, Mal-occlusion corrective osteotomies
Breast	Breast cancer excision and reconstruction in conjunction with the oncoplastic surgeons, breast reduction, augmentations and mastopexy.

The weekly Rota includes:

Trauma Theatre → 24/7.

Clinics → 6 days (Saturday to Thursday).

Elective Theatre → 3 days.

Burn Surgery → 6 days (Saturday to Thursday).

24 hrs. First on-call → 1-in-3.

A weekly staff clinical meeting is held on Monday and a Grand Round twice weekly on Sundays and Tuesdays. It includes case presentation by the *residents* & open discussion of the management plans.

Departmental and National Meeting and Journal Club Day: Every Thursday

I was the trauma coordinator for 12-month period for all the resident's weekly duties on both sites in Cairo.

I was a trainee regional representative and I contributed to the departmental and regional clinical governance activities.

13. General Practitioner,
Kafrelmarazka Medical Center, Ministry of Health, Egypt.
From 01/03/2007 till 09/09/2007

This is a period of national obligatory service for all doctors graduated in Egypt where the newly graduated doctors will be expected to serve in the rural areas of the country to help deliver health care service to all the people who may find it difficult to travel to the cities. Also, minor procedures were carried in this primary health care general practitioner service.

I was the only doctor and the responsible officer in this facility. I had with me a pharmacist, 3 laboratory technicians, 7 nurses, and 8 health care assistants. I covered a population of 13000 people and I was involved in their primary medical and surgical care.

14. House officer (internship year)

Alazhar University Hospitals, Egypt.

From 01/03/2006 till 28/02/2007

In 2006, I started my training as a house officer for 1 year at Om Elmasrein General hospital, Egypt. The Training included two-month-training rotations in each of the following:

General surgery,

Plastic Surgery,

Pediatrics,

General Medicine,

Tropical Medicine,

Gynecology and obstetrics.

I was on the on-call rota for 12 months, 1 in 6. And participated in the departmental service improvement activities and audits. There was an assessment at the end of each rotation and at the end of the year.

Awards:

- The finalist audit (St Helens and Knowsley trust, Liverpool), 10/7/2018.
- Best Research: Histology of the liver, 2nd year medical school, Alazhar University, Egypt, 2000

Research Experience:

- **Effect of De-epithelised segmental graft on intraluminal thrombosis in rats' aorta**

Advanced course of Microsurgery, Sorbonne University, Paris, France: November 2017 - June 2018

This is an extensive research work on live rats on all different techniques of microsurgery in a world class laboratory in Paris. The training is supervised by Professors from Paris University and the program is as follow:

Induction and basic microsurgery course: 3 days

Theoretical instructions: 20 hours

Laboratory training on live animals: 120 hours'

In addition to that training, I have done experimental work and the subject of my thesis was:

“ Effect of De-epithelised segmental graft on intraluminal thrombosis in rats' aorta”

- Techniques of Rhytidectomy, Comparative Study:

Master's degree in Plastic surgery, Alazhar university, Cairo, Egypt, 2008- 2010

Two-year research on the anatomical basis of the different modalities and techniques of face-lifting.

The degree was under the supervision of professors from Alazhar University hospitals in Cairo and Assiut, Egypt. It involved database research, anatomical studies and comparison between the different techniques of face lift that are commonly practiced.

Upon completion of the work it was discussed in the university and got accepted. This was followed by theoretical and oral exams as a requirement for the fulfillment of master's Degree.

I was awarded the master's degree with the outcome of: Very Good with Honor Degree in April 2010

- Restore Trial: International prospective multi-centric trial, Canniesburn, Glasgow, 2015.

As the registrar to Miss Eva Mithoff the consultant plastic surgeon in Canniesburn, I was involved in collecting the data of the patients from their case notes and adding this to the international multicentric audit spreadsheet. The trial investigated the efficiency of Cytori system to enhance the take of fat grafts in irradiated breasts.

Publications:

- Book Review: New Concepts on Abdominoplasty and Further Applications, H. Alfegy, S. George, K. Shokrullahi, Annals of Plastic Surgery: June 2018 - Volume 80 - Issue 6 - p 595.

- Plastic Surgery Interaction with Other Specialities; Scope of Specialty in Different Minds, Plastic Surgery Mod Tech: PSMT-131. DOI: 10.29011/PSMT-131. 100031

- Survival and aesthetic outcome of local flaps used for reconstruction of face defects after excision of skin malignancies: Multi-institutional experience of 175 cases, Y. Helmy, A. Khallaf, A. Taha, H. Alfegy, Int. J. Curr. Res. Med. Sci. (2017). 3(5): 129-137

- Proximal Replantation: Challenges and Outcomes in Limited Resources Hospitals in Developing Countries, H. Alfegy, E. Taman, A. Omran et al, Journal of Hand Surgery (Eur) 43(Supplement 1), 2018.

- Evolution of Combination Therapy for Upper Limb Spasticity Management: 1500 Limbs Report, H. Alfegy, P. McArthur, Journal of Hand Surgery (Eur) 43(Supplement 1), 2018.
- Apert's Hand Revisited: A New Classification System, H. Alfegy, P. McArthur, Journal of Hand Surgery (Eur) 43(Supplement 1), 2018.
- Antibiotics in Hand Trauma: Cutting Down the Cost and Maximising Patient Safety, B. Adjei, H. Alfegy, L. Homer et al., Journal of Hand Surgery (Eur) 43(Supplement 1), 2018.
- Causes of delay in lower limb reconstruction for severe open lower limb fractures: Highlighting the importance of dedicated ortho-plastic operative lists, S. Sepehripour, G. Filobos, H. Alfegy, J. Skillman, M. Venus, International Journal of Surgery, Volume 23, Supplement 1, Page S92, Nov. 2015.
- Effect of De-epithelised segmental graft on intraluminal thrombosis in rats' aorta, Hazem Alfegy, A. Masquelet, Published locally in Sorbonne university, Paris, France.
- Techniques of Rhytidectomy, Comparative Study: Book, MSc thesis, 2016, ISBN: 978-1-326-42546-3.
- Histology of the Liver: a study of the human liver architecture, faculty of Medicine, Al-Azhar University, 2001. Published locally in Alazhar University, Egypt.

Presentations (National/ International Conference):

- Learning Microsurgery inside- out: Hazem Alfegy, David Bell, Partha Vaiude, FESSH meeting, May 2018, Copenhagen, Denmark.
- Apert's Hand Revisited: A New Classification System: Hazem Alfegy, Paul McArthur, FESSH meeting, May 2018, Copenhagen, Denmark.
- The mangled hand Revisited: The challenge of the functional reconstruction: Hazem Alfegy, Susie Yao, Jamie Barnes, Ahmed Abd El Gawad, Irfan Khan, Chris West, David Bel, FESSH meeting, May 2018, Copenhagen, Denmark.
- Proximal hand and forearm replantation: Improving the outcomes: Hazem Alfegy, Essam Taman, FESSH meeting, May 2018, Copenhagen, Denmark.
- Salvaging digital replantation: Efficiency of Heparin solution subcutaneous injection in finger replantation: Hazem Alfegy, Paul McArthur, Yasser Helmy, FESSH meeting, May 2018, Copenhagen, Denmark.

- The unnecessary antibiotics in hand trauma: Do we need it? A review on the current practice: B. Adjei, H. Alfegy, I. Khan, C. West, D. Bell, FESSH meeting, May 2018, Copenhagen, Denmark.
- Acrylic Nail: A Case Series on Associated Traumatic Injuries: B. Adjei; L. Ellerton; H. Alfegy; C. Kelsey; C. West, BSSH meeting, April 2018, Cardiff, UK.
- Improvement in Hand Trauma Service at A Regional Plastic Surgery Unit in Merseyside, B. Adjei; M. Nair; H. Alfegy; C. Kelsey; D. Bell; C. West, BSSH meeting, April 2018, Cardiff, UK.
- Antibiotics in Hand Trauma: Cutting Down the Cost and Maximising Patient Safety: B. Adjei, H. Alfegy, L. Homer, S. Mohamed, I. Khan, C. West, D. Bell, BSSH meeting, April 2018, Cardiff, UK.
- Evolution of Combination Therapy for Upper Limb Spasticity Management: 1500 Limbs Report: Hazem Alfegy, Bismark Adjei, Paul McArthur, BSSH meeting, April 2018, Cardiff, UK.
- Apert's Hand Revisited: A New Classification System: Hazem Alfegy, Paul McArthur, BSSH meeting, April 2018, Cardiff, UK.
- Proximal Replantation: Challenges and Outcomes in Limited Resources Hospitals in Developing Countries: Hazem Alfegy, Essam Taman, Ahmed Omran, Mohammed Swilam, Mohammed Elshahat, BSSH meeting, April 2018, Cardiff, UK.
- Perforator based V-Y flaps: versatility in upper lip reconstruction, Hazem Alfegy, N. S. Niranjana, ASiT International meeting, April 2018, Edinburgh, UK.
- Mini- delayed Reverse flow sural artery flap: Maximising the reach and minimising the hospital stay: Hazem Alfegy, Ahmed Taha, ASiT International meeting, April 2018, Edinburgh, UK.
- Novel use of a vascular flow system to enhance in vitro training in microsurgical vessel repair with biological material: Hazem Alfegy, David Bell, Partha Vaiude, ASiT International meeting, April 2018, Edinburgh, UK.
- Nandrolone decanoate: Evaluation of its effects in the management of catabolic response after major burns: Y. Helmy, H. Alfegy, A. Taha, B. Adjei, A. Mostafa, A. Mandal, BAPRAS Winter Meeting London, 2017.

- Efficiency of heparin infusion subcutaneous injections in finger replantation: H. Alfegy, P. McArthur, Y. Helmy, BAPRAS Winter Meeting, London, 2017.
- Suprafascial pedicled Groin flap for complete digital ring avulsion with single stage division and debulking of the flap: Case report: Hannah Kranenberg, Hazem Alfegy, Aftab Siddiqui BAPRAS meeting, June 2017, Helsinki, Finland.
- Skin Grafts: principles and techniques: May 2017, Surgical Art Education, Liverpool, UK.
- Prevention of post primary flexor tendon repair peritendinous adhesions using bone wax: Hazem Alfegy, Haitham Khashaba, M. Abdelrahman, Ahmed Taha, Euraps Research Council meeting, May 2015, Edinburgh, UK.
- Causes of delay in lower limb reconstruction: University Hospitals Coventry and Warwickshire, west midlands: George Filbbos, Hazem Alfegy, Joanna Skillman, Mathew Venus, ASiT meeting January 2015, Glasgow, UK.

Presentations (Local Conference):

- Pressure Ulcers: Prevention and management, Trust Meeting, St Helen's and Knowsley NHS Trust: 27/6/2017.
- Reconstruction of large ankle and foot defects (Case presentation): H. Alfegy, J. Barnes, S. Yao, C. Kelsey Mr. Dave Bell, MOPG meeting Nov.2017, Liverpool, UK
- Congenital Hand Differences: Regional Teaching, Liverpool, UK
- Management of Emergency Hand Cases: 2013/2014, Alkhor General Hospital.
- Metacarpal and Phalangeal fractures: How to manage, 2014, Alkhor General Hospital.
- Morbidity and Mortality Monthly Statistics Presentations: Intra-departmental, 2012-2014, Alkhor General Hospital.

Presentations (Departmental):

- Sural Artery flap: 2007, Alhusain University Hospitals.
- Melanoma safety Margins: 2008, Alhusain University Hospitals.
- Reverse Abdominoplasty: 2009 Alhusain University Hospitals.
- VTE prophylaxis: 2009, Bab Elsheria University Hospitals.
- Buttock Augmentation Vs Buttock Enhancement: 2010, Bab Elsheria University Hospitals.

- Management of sever hand and facial burns: 2015, Canniesburn Plastic Surgery
- Forehead Flap: Anatomy and technique: 2016, Countess of Chester Hospital
- Flexor Tendon Repair: Which One? Review of Literature: 2016, Countess of Chester Hospital.

Continuing Professional Development (CPD):

- 13/9/2012- 15/09/2012: ATLS course, code number: 5036/687-12/ATLS-70, Hamad International Training Center, HMC, Doha (CME 19.5 Category 1).
- 27/09/2012: EDAMS course completion, course code number: 5071/722-12/EDAMS-471, Hamad International Training Center, HMC, Doha (CME 8 Category 1).
- 10/11/2012- 12/11/2012: attended the 13th Pan Arab association Congress of Plastic and Reconstructive Surgery, St Regis Hotel, Doha.
- 7/1/2014: Recertification of the ILS course, course number: 6121/18-14/ILS-Rec-602, Hamad International Training Center, HMC, Doha (CME 5 Category 1).
- February 2014: e-learning course: Medical documentation, HMC, Doha.
- 27/02/2014- 1/03/2014: MRCS B Preparatory Course, Doctors Academy, Dubai, UAE.
- 27/05/2014-31/05/2014: participated in the 11th International Symposium of the American Academy of Facial Plastic and Reconstructive Surgery, New York, USA (CME 40 Category 1).
- 24/10/2014: Information governance, Data protection and Caldecott Protocols Course, Osmosis training Ltd., U.K.
- 24/10/2014: Complaint Course, Osmosis training Ltd., U.K.
- 24/10/2014: Infection Control Course, Osmosis training Ltd., U.K.
- 24/10/2014: COSHH Course, Osmosis training Ltd., U.K.
- 25/10/2014: Health and Safety Course, Osmosis training Ltd., U.K.
- 25/10/2014: Fire safety Course, Osmosis training Ltd., U.K.
- 29/10/2014: Violence and Aggression Course, Osmosis training Ltd., U.K.
- 30/10/2014: Lone Worker Course, Osmosis training Ltd., U.K.
- 30/10/2014: Ridder/ Risk incident Course, Osmosis training Ltd., U.K.
- 30/10/2014: safeguarding Children and Young People level 2 Course, Osmosis training Ltd., U.K.
- 24/10/2014: Epilepsy Course, Osmosis training Ltd., U.K.
- 13/03/2015: Pan-Scotland Teaching program: Cleft Lip and Palate, St. john's hospital, Scotland.
- 25/04/2015: Emergency Management of Sever Burn Course, BBA, Chelmsford, U.K. (8 CME points)
- 27/05/2015- 28/05/2015: EURAPS Council Research 4th Annual meeting, Edinburgh, U.K. (presenter)

- 28/05/2015- 30/05/2015: EURAPS 26th Annual Meeting, Edinburgh, U.K.
- 14-18/9/2015: Canniesburn Plastic Surgery Flap Course, Glasgow. U.K.
- 27-30/10/2015: European Course of Plastic Surgery, Portugal. (18 CME points)
- 30/10/2015: EBOPRAS Diploma final exam, Portugal.
- 16/1/2016: Faculty member in the 'Essentials of plastic surgery' course, St Andrew's Plastic Surgery Center, Essex, UK.
- 21-22/4/2016: Cambridge Lower Limb Flap Course, Cambridge, UK. (11.5 CME points)
- 09/07/2016: Modern Concepts in Breast Reconstruction and Aesthetics course, Coventry, UK. (9.5 CME points)
- 21/07/2016: Preston FRCS Plastics course, Preston, UK.
- 22/07/2016: Nottingham FRCS Plastics Course, Nottingham, UK.
- 25-29/07/2016: Canniesburn FRCS Plastics Course, Glasgow, UK.
- 02/09/2016: Norwich FRCS Plastics course, Norwich, UK.
- 05/09/2016: St Andrew's FRCS Plastics Course, Essex, UK.
- 24/9/2016: Faculty, assisting member in Preston microsurgery course, Preston, UK.
- 09/01/2017: Nottingham FRCS Plastics Course, Nottingham, UK.
- 28/01/2017: Surgical Art FRCS Course, Liverpool, UK. (15 CME points)
- 16/02/2017: Preston FRCS Plastics course, Preston, UK.
- 24/02/2017: Norwich FRCS Plastics Course, Norwich, UK.
- 27/02/2017: St Andrew's FRCS Plastics Course, Essex, UK.
- 13/03/2017: Mandatory induction course: Liverpool, UK.
- 25/03/2017: Faculty member, ST3 interviews training course, Manchester, UK.
- 20-21/05/2017: Faculty member, Local flaps and skin grafts course, Liverpool, UK. (14 CME points)
- 03/06/2017: Faculty member: Hand Fracture Management Course, Liverpool, UK. (6 CME points)
- 14-16/06/2017: Open Tibial Fracture International meeting, Liverpool, UK. (16 CME points)
- 17-18/06/2017: Teach the Teachers Course, Manchester, UK. (12 CME points)
- 23/06/2017: Navigating the CESR Course, Manchester, UK. (6 CME points)
- 27/06/2017: Pressure Ulcers, diagnosis and management, Presentation, STHK Trust meeting, Liverpool, UK
- 19/07/2017: Faculty member FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.
- 19/07/2017: Co-coordinator for the FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.
- 22/07/2017: Faculty member FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK. (15 CME points)
- 23/07/2017: Faculty member Drawings for the FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK. (13 CME points)
- 19-20/08/2017: Faculty member hand Trauma Course, Surgical Arts Education, Liverpool, UK. (13.5 CME points)

- 26/08/2017: Faculty member FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK.
- 27/08/2017: Faculty member Drawings for the FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK.
- 01/09/2017: Management 1: Person Centered Communication Course: STHK, Liverpool, UK.
- 12/09/2017: Leadership Conference: Supporting Surgeons at times of Change, Royal College of surgeons of England, New Castle, UK.
- 14/09/2017: Management 4: Implementing Appraisal Conversation in practice Course, STHK, Liverpool, UK.
- 15/09/2017: Care and Compassion Conference: STHK NHS Trust, Liverpool, UK.
- 16-17/09/2017: Faculty member: Hand Fracture Management Course, Liverpool, UK. (12 CME points)
- 19-21/09/2017: ATLS Course, Royal College of surgeons of England, Stoke-on-Trent, UK. (17 CME points)
- 11-12/10/2017: Microsurgery Masterclasses conference, Manchester, UK.
- 14-15/10/2017: Faculty member, Local flaps and skin grafts course, Liverpool, UK. (14 CME points)
- 03/11/2017: Faculty member, BAPRAS Fundamentals of Plastic Surgery Course, UK.
- 06-08/11/2017: Leadership and Management Course for Surgical Specialties Course: Keele University, UK.
- 09-10/11/2017: BSSH Winter meeting, Edinburgh, UK. (13.5 CME points)
- 24-25/11/2017: Faculty member, Microsurgery and perforator flaps course, Liverpool, UK. (14 CME points)
- 3/12/2017: Faculty member, Hand Fracture Management course, Liverpool, UK. (6 CME points)
- 09/12/2017: Artistic perspective for a facial clinical practice, Liverpool, UK. (7 CME points)
- 11/1/2018: Faculty member, Spasticity in Upper and lower limb: Management and cadaveric dissection course, Faculty of Medicine, Manchester University, Manchester, UK.
- 12/1/2018: Anatomy Demonstrator, Anatomy department, Faculty of Medicine, Liverpool University, Liverpool, UK.
- 27/1/2018: Faculty member, ST3 interview course, Liverpool, UK. (6.5 CME points)
- 08/02/2018: Merseyside Orthoplastic Group meeting, Liverpool, UK.
- 28/02/2018: C- arm Training, whiston hospital, Liverpool, UK.
- 03/03/2018: Faculty member, ST3 interview course, Manchester, UK.
- 22/03/2018: Merseyside Orthoplastic Group meeting, Liverpool, UK.
- 06-07/04/2018: ASit Meeting, Edinburgh, UK. (11.5 CME points)
- 08/04/2018: Faculty member, Hand Fracture Management course, Liverpool, UK. (6 CME points)
- 03-04/05/2018: BSSH meeting, Cardiff, UK. (13.5 CME points)
- 06-08/06/2018: Faculty member, management of Open fracture course, Liverpool, UK. (16 CME points)

- 11-12/06/2018: FESSH Hand diploma Exams, Copenhagen, Denmark.
- 21/06/2018: Faculty member FRCS Plastic Surgery Course, Preston, Lanarkshire, UK.
- 13/07/2018: Faculty member FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.

Conferences attended:

I: International:

- 04-02-2009 to 06-02-2009: Attended the 39th Annual Conference of the ESPRS in Cairo.
- 16-19/02/2010: attended the 40th International Annual Conference of the ESPRS, Sharm El-Sheikh, Egypt.
- 06 October to 8 October 2010: participated in the Summer meeting of the Egyptian society of Plastic and Reconstructive Surgery, Porto Marina, Alexandria, Egypt.
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- 10/11/2012- 12/11/2012: attended the 13th Pan Arab association Congress of Plastic and Reconstructive Surgery, St Regis Hotel, Doha.
- 27/05/2014-31/05/2014: participated in the 11th International Symposium of the American Academy of Facial Plastic and Reconstructive Surgery, New York, USA (CME 40 Category 1).
- 27/05/2015- 28/05/2015: EURAPS Council Research 4th Annual meeting, Edinburgh, U.K. (presenter)
- 11-12/10/2010: Microsurgery Masterclasses conference, Manchester, UK.
- 06-07/04/2018: ASit Meeting, Edinburgh, UK. (11.5 CME points)
- 04-07/09/2019: London Breast Meeting, London, UK.
- 19-20/09/2019: Expert Witness Training Course, Inspire Medi-Law, Oxford, UK.

II: National:

- 2/2007: Advanced techniques in laparoscopic surgery, Benha faculty of Medicine, Benha, Egypt.
- 04-02-2009 to 06-02-2009: Workshop of Prevention and Management of Post-Burn Deformities in the 39th Annual Conference of the ESPRS in Cairo.
- 1/2011: organizer and supervisor of the 2nd International conference for plastic surgery, Alazhar University, Cairo.
- 09/07/2016: Modern Concepts in Breast Reconstruction and Aesthetics course, Coventry, UK. (9.5 CME points)
- 12/09/2017: Leadership Conference: Supporting Surgeons at times of Change, Royal College of surgeons of England, New Castle, UK.

- 09-10/11/2017: BSSH Winter meeting, Edinburgh, UK. (13.5 CME points)
- 03-04/05/2018: BSSH meeting, Cardiff, UK. (13.5 CME points)

III: Regional:

- 27/06/2017: Pressure Ulcers, diagnosis and management, Presentation, STHK Trust meeting, Liverpool, UK
- 15/09/2017: Care and Compassion Conference: STHK NHS Trust, Liverpool, UK.
- 08/02/2018: Merseyside Orthoplastic Group meeting, Liverpool, UK.
- 22/03/2018: Merseyside Orthoplastic Group meeting, Liverpool, UK.

Courses attended:

- 10-15 April 2006: Neonatal Resuscitation course, Prof. Ahmed Mazhar, Omemasreen General Hospital.
- 1/10/2011: ILS course completion, course number: 4097/793-11/ILS-648, Hamad International Training Center, HMC, Doha (CME 8 Category 1).
 - 13/9/2012- 15/09/2012: ATLS course, code number: 5036/687-12/ATLS-70, Hamad International Training Centre, HMC, Doha (CME 19.5 Category 1).
 - 27/09/2012: EDAMS course completion, course code number: 5071/722-12/EDAMS-471, Hamad International Training Centre, HMC, Doha (CME 8 Category 1).
 - 7/1/2014: Recertification of the ILS course, course number: 6121/18-14/ILS-Rec-602, Hamad International Training Centre, HMC, Doha (CME 5 Category 1).
 - February 2014: e-learning course: Medical documentation, HMC, Doha.
 - 27/02/2014- 1/03/2014: MRCS B Preparatory Course, Doctors Academy, Dubai, UAE.
 - 24/10/2014: Information governance, Data protection and Caldecott Protocols Course, Osmosis training Ltd., U.K.
 - 24/10/2014: Complaint Course, Osmosis training Ltd., U.K.
 - 24/10/2014: Infection Control Course, Osmosis training Ltd., U.K.
 - 24/10/2014: COSHH Course, Osmosis training Ltd., U.K.
 - 25/10/2014: Health and Safety Course, Osmosis training Ltd., U.K.
 - 25/10/2014: Fire safety Course, Osmosis training Ltd., U.K.
 - 29/10/2014: Violence and Aggression Course, Osmosis training Ltd., U.K.
 - 30/10/2014: Lone Worker Course, Osmosis training Ltd., U.K.
 - 30/10/2014: Ridder/ Risk incident Course, Osmosis training Ltd., U.K.
 - 30/10/2014: safeguarding Children and Young People level 2 Course, Osmosis training Ltd., U.K.
 - 24/10/2014: Epilepsy Course, Osmosis training Ltd., U.K.

- 13/03/2015: Pan-Scotland Teaching program: Cleft Lip and Palate, St. John's hospital, Scotland.
- 25/04/2015: Emergency Management of Sever Burn Course, BBA, Chelmsford, U.K. (8 CME points)
- 14-18/9/2015: Canniesburn Plastic Surgery Flap Course, Glasgow. U.K.
- 27-30/10/2015: European Course of Plastic Surgery, Portugal. (18 CME points)
- 21-22/4/2016: Cambridge Lower Limb Flap Course, Cambridge, UK. (11.5 CME points)
- 21/07/2016: Preston FRCS Plastics course, Preston, UK.
- 22/07/2016: Nottingham FRCS Plastics Course, Nottingham, UK.
- 25-29/07/2016: Canniesburn FRCS Plastics Course, Glasgow, UK.
- 02/09/2016: Norwich FRCS Plastics course, Norwich, UK.
- 05/09/2016: St Andrew's FRCS Plastics Course, Essex, UK.
- 09/01/2017: Nottingham FRCS Plastics Course, Nottingham, UK.
- 28/01/2017: Surgical Art FRCS Course, Liverpool, UK. (15 CME points)
- 16/02/2017: Preston FRCS Plastics course, Preston, UK.
- 24/02/2017: Norwich FRCS Plastics Course, Norwich, UK.
- 27/02/2017: St Andrew's FRCS Plastics Course, Essex, UK.
- 13/03/2017: Mandatory induction course: Liverpool, UK.
- 14-16/06/2017: Open Tibial Fracture International meeting, Liverpool, UK. (16 CME points)
- 17-18/06/2017: Teach the Teachers Course, Manchester, UK. (12 CME points)
- 23/06/2017: Navigating the CESR Course, Manchester, UK. (6 CME points)
- 01/09/2017: Management 1: Person Centred Communication Course: STHK, Liverpool, UK.
- 14/09/2017: Management 4: Implementing Appraisal Conversation in practice Course, STHK, Liverpool, UK.
- 19-21/09/2017: ATLS Course, Royal College of Surgeons of England, Stoke-on-Trent, UK. (17 CME points)
- 06-08/11/2017: Leadership and Management Course for Surgical Specialties Course: Keele University, UK.
- 09/12/2017: Artistic perspective for a facial clinical practice, Liverpool, UK. (7 CME points)
- 28/02/2018: C- arm Training, Whiston hospital, Liverpool, UK.
- 19-20/09/2019: Expert Witness Training Course, Inspire Medi-Law, Oxford, UK.

Audit:

1. **June 2018, Copying Outpatient Clinical Letters to Patients Pre-operatively:**
An Audit of Current Practice in Plastic Surgery: Theodore Pezas, Hazem Alfegy:
To determine current practice relating to the copying of outpatient clinical

letters to patients being scheduled for surgery within the Plastic Surgery Department at UHCW. Correspondence for patients operated on over the two-week period between 30/04/2018 - 11/05/2018 was reviewed to identify pre-op clinic letters prior to their surgeries. Results: 78 patients' pre-operative letter correspondence was reviewed over a two-week period. 23 patients were excluded as no pre-operative letters were available on the CRRS system. Of the 55 patients with pre-op clinic letters uploaded on the CRRS system: Only 16 (28%) had these copied to patients. The remaining 39 (72%) had not been 'cc'ed into their pre-op clinic letters.

2. **April 2018, Evolution of Combination Therapy for Upper Limb Spasticity Management: 1500 Limbs Report: Hazem Alfegy, Bismark Adjei, Paul McArthur:** A review of the current practice of the plastic surgery department at Whiston hospital in spasticity management and the changes done over the last 10 years and the outcomes of these changes. Methods: All patients data was collected from their hospital record: total number of clinics, theatre visits, total number of injections as well as the type and frequency of procedures. Results: there was an obvious decrease in the total number of interventions needed over the 10 years. Introduction of combination therapy helped to decrease the total number of procedures.

3. **January 2018, The unnecessary antibiotics in hand trauma: Do we need it? A review on the current practice: Hazem Alfegy Bismark Adjei, Hazem Alfegy, Irfan Khan, Chris West, David Bell:** A review of 300 hand soft tissue laceration cases were included. All open fractures and complex soft tissue injury were excluded. The antibiotics prescription was measured against the guidelines and the recommendations of a two recent meta-analysis studies to define the role of prophylactic antibiotics in upper limb lacerations. Results. Our current practise shows that there is a trend to prescribe prophylactic antibiotics where there is no clear indication. Conclusion Notwithstanding current evidence, there is a trend to routinely supply simple hand laceration patients with prophylactic antibiotics. There is a need to review

our practise and define a clear guidance on the role of antibiotic prophylaxis in hand trauma patients.

4. **December 2017, Acrylic Nail: A Case Series On Associated Traumatic Injuries: B. Adjei; L. Ellerton; H. Alfegy; C. Kelsey; C. West:** Retrospective case note review of consecutive patients presenting to our trauma assessment unit with acrylic nail injuries over a period of 6 months (June 2017 - December 2017): We collected data on , Demographics, The mechanism of injury, The morphological features of the injury, Treatment provided, and Outcome. Conclusion: This is an increasingly common phenomenon and mechanism of injury associated to a specific type of acrylic liquid monomer being used. Majority of these injuries presented required surgery to remove the nail plate for comfort. The reviewed injuries were minor, often without damage to sterile or germinal matrix. Hand surgeons should be aware these patients need treatment because of lack of appropriate solvent for this type of acrylic nail removal.

5. **November 2017, Cancellation of surgeries at a regional Burns and Plastics unit, Bismark Adjei, Ali Yousif, Alexander Benson**

6. **November 2017 Burns and Plastic surgery unit venous thromboembolism (VTE) compliance: A 1-year review Service evaluation, Bismark Adjei, Hazem Alfegy, Madhu Nair, Alexander Benson:** An audit that investigated the plastic surgery and burns unit compliance with the VTE prophylaxis trust protocol over a period of 12 months. Inpatients, DSU as well as main theatres admissions were included into the cross section. There were 94% compliance rate, one of the highest in the trust. The reasons of non-compliance included delayed patient presentations, changing of the theatre list orders and unclear guidance for certain patient groups. Changes has been suggested and implemented and due to be re- audited in 1 year.

- 7. October 2017, Management of Apert hand anomaly in Merseyside area: An audit of current practice and new classification system proposal, Hazem Alfegy, Paul Mc Arthur:** An audit of 42 Apert's hands which have been assessed and managed within MDT setting. All hand procedures were performed by a single surgeon over a period of 10 years. A new proposed classification system is presented. Follow up period ranged between 4 and 13 years. Outcomes were assessed by the hand therapy team as well as patient and family satisfaction. A new classification system, based on clinical and the x ray findings, is proposed to help planning and predicting the outcomes of the surgery in Apert's hand, a realistic prediction of number of digits achievable.

- 8. June 2017, Re-audit December 2017: Waiting times for plastic surgery trauma patients, Bismark Adjei, Madhu Nair, Hazem Alfegy, Clare Kelsy, Dave Bell, Christian West:** The aim of this audit was to measure the waiting times for hand trauma patients and compare it to the national recommendations. Despite there has been improvements over the past few years regarding the trauma waiting lists, there have been some delays due to the increase in trauma patient's numbers presenting to the unit. More access to extra theatres as well as prioritizing the patients to meet the BSSH standards led to dramatic improvements in the waiting times.

- 9. March 2017, An overview of complaints against the Burns and Plastics surgery unit: Service evaluation; Bismark Adjei, Ali Yousif, Hazem Alfegy, Alexander Benson.**

- 10. March 2016, Improving accuracy in diagnosing non-melanoma skin cancers (NMSC); Bismark Adjei, Omar Asmar, Hazem Alfegy, Ommen Koshy:** A cross section of 100 cases of Non melanoma skin cancers histology results were compared to the preoperative clinical diagnosis to see the accuracy of the clinical diagnosis within the regional service and to compare different level groups clinicians

to the national standards and to the ability of accurate diagnosis when using dermatoscope. Results showed that there were better diagnostic skills linked to higher level of training as well as using dermatoscope.

11. **May 2015, Re-audit June 2015, Incomplete excision rates in Skin cancer: Hazem Alfegy, Stuart Watson:** After having incomplete excision of 4 lesions in 3 consecutive patients, I audited 50 skin cancer cases. The incomplete excision rate was around 7%. A change in the practice was done in the form of using proper theater lights and twice marking the lesions under magnification. Re-audit was done on another 50 cases and the incomplete excision rate dropped to 5%, which is comparable to the standards.

12. **December 2014/ January 2015, Cause of delay in lower limb reconstruction in the university hospitals Coventry and Warwickshire: George Filbbos, Hazem Alfegy, Joanna Skillman, Matthew Venus** A retrograde analysis of 35 patient files who had undergone post traumatic lower limb reconstruction by the plastic surgery service over a period of two years measuring the time scale for the definitive reconstruction of their injuries against the national standards set by both the British associations of both plastic and orthopedic surgeons and trying to identify any causes of the delay. The main Cause of the delay was the less frequent combined ortho-plastic surgery lists. It was presented in the ASiT meeting in 2015 and published by International journal of Surgery in 2015.

13. **Measurement of VTE prophylaxis in surgical patients, June to December 2013, Re-audit: February- June 2014: Hazem Alfegy, Jehan Nasef, Mohamed Fahmy:** This audit evaluated the efficacy of the facility practice of VTE prophylaxis in the surgical units and measured it to the standards of the international guidelines and national recommendations. a retrospective manual data collection was done from June to August 2013 for any surgical patients who underwent VTE prophylaxis and had any incident reported related to his prophylaxis. The data was collected for the previous 2 years

and there were 4 incidents of VTE (2%). The old VTE prophylaxis protocol did not divide the patients into groups but measured the risk according to the weight, surgical procedure and the personal patient history of VTE. Changes were done aiming to divide the patients into low, moderate and high-risk groups and adjustments were made to each group. Re-audit was done after 6 months from the changes and revealed 0% incident over the 6 months' period. Recommendations were to re-audit again after 1 year.

14. August 2012, Our current Diabetic Protocol for the peri-operative management of surgical patients: 2012, Re-audit:2012: This audit was conducted to measure the effectiveness of the Diabetic protocol for surgical patients against the international guidelines and the national target. a sample of 200 patient files were studied retrospectively for any cancellation of surgery due to uncontrolled blood sugar over 1 year. There was 3% cancellation rate directly related to the uncontrolled blood sugar level. 4 out of total 6 patients were emergency patients who pushed to the theatre directly from the ED for their operations. Due to the lack of diabetic protocol in our emergency, the surgery was postponed or cancelled. We adapted a new diabetic protocol for the ED surgical patients who were due for surgery in 4 hours. Re-audit was done in 6-month period with 0.5% uncontrolled blood sugar rate peri-operatively was achieved.

15. 2012 (Reaudit), 2012 (Reaudit), 2011 Audit, Post-operative monitoring of free flaps: Hazem Alfegy, Ahmed Taha: After an increased incidence of flap failure in 2010 in the plastic surgery department, Alazhar University, Cairo, we conducted this audit to identify any reasons for this. The old protocol depended mainly on nursing staff and focused on the I.V. fluids, urine output, color, temperature and the flap check were carried out every 1 hour throughout the 1st 48 hours. The flap failure rate was 35% over a 12 months' period. The main reasons were lack of nursing experience, the late input of the surgeons, negligence of the pain factor. Changes were done in the form of a dedicating a small unit for the flap surgery patients, teaching

the nurses and increasing the early input of the surgeons to monitor the flap as well as changing the protocol to adapt the pain factor and the timely flap checks. Re-audit was done after 6 and 12 months with an increased rate of flap success with a failure rate of 25% and 20% respectively

16. September 2010, (Reaudit in 2011), Prospective analysis of the waiting times for emergency hand trauma patients, 2010: Hazem Alfegy, Yasser Helmy; A prospective study to assess any delays to the theatre and the reasons for any delay from the time of interview at the ED till the surgery time, cancellation rates, starvation period as well as the post-operative early outcomes. 165 patients were included. Divided into age groups, sex, type of anaesthesia needed and distance of their residence to the hospital. The main causes of delay were: Unavailability of theatre slots, Patient delays and Theatre staff lack. The mean waiting time was 13.6 hours and cancellation rate was 8%. Recommendations were made to increase the local cases and to encourage the day case emergency lists rather than admitting the patients over the night. Re-auditing was done after 6 months and revealed reduces cancellations as well as the unplanned delays.

Teaching and training experience:

- 16/1/2016: Faculty member in the 'Essentials of plastic surgery' course, St Andrew's Plastic Surgery Centre, Essex, UK.
- 24/9/2016: Faculty, assisting member in Preston microsurgery course, Preston, UK.
- 25/03/2017: Faculty member, ST3 interviews training course, Manchester, UK.
- 20-21/05/2017: Faculty member, Local flaps and skin grafts course, Liverpool, UK.
- 03/06/2017: Faculty member: Hand Fracture Management Course, Liverpool, UK.
- 17-18/06/2017: **Teach the Teachers Course**, Manchester, UK.
- 19/07/2017: Faculty member FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.

- 22/07/2017: Faculty member FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK.
- 23/07/2017: Faculty member Drawings for the FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK.
- 19-20/08/2017: Faculty member hand Trauma Course, Surgical Arts Education, Liverpool, UK.
- 26/08/2017: Faculty member FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK.
- 27/08/2017: Faculty member Drawings for the FRCS Plastic Surgery Course, Surgical Arts Education, Liverpool, UK.
- 16-17/09/2017: Faculty member: Hand Fracture Management Course, Liverpool, UK
- 14-15/10/2017: Faculty member, Local flaps and skin grafts course, Liverpool, UK.
- 03/11/2017: Faculty member, BAPRAS Fundamentals of Plastic Surgery Course, UK.
- 24-25/11/2017: Faculty member, Microsurgery and perforator flaps course, Liverpool, UK.
- 3/12/2017: Faculty member, Hand Fracture Management course, Liverpool, UK
- 11/1/2018: Faculty member, Spasticity in Upper and lower limb: Management and cadaveric dissection course, Faculty of Medicine, Manchester University, Manchester, UK.
- 12/1/2018 to June 2018: Anatomy Demonstrator (Volunteering), Anatomy department, Faculty of Medicine, Liverpool University, Liverpool, UK.
- 27/1/2018: Faculty member, ST3 interview course, Liverpool, UK.
- 21/02/2018: Faculty member FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.
- 03/03/2018: Faculty member, ST3 interview course, Manchester, UK.
- 08/04/2018: Faculty member, Hand Fracture Management course, Liverpool, UK
- 06-08/06/2018: Faculty member, management of Open fracture course, Liverpool, UK
- 21/06/2018: Faculty member FRCS Plastic Surgery Course, Preston, Lanarkshire, UK.
- 13/07/2018: Faculty member FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.

Management experience:

Management courses:

- **06-08/11/2017: Leadership and Management Course for Surgical Specialties Course: Keele University, UK.**
- 01/09/2017: Management 1: Person Centered Communication Course: STHK, Liverpool, UK.
- 12/09/2017: Leadership Conference: Supporting Surgeons at times of Change, Royal College of surgeons of England, New Castle, UK.
- 14/09/2017: Management 4: Implementing Appraisal Conversation in practice Course, STHK, Liverpool, UK.

Management Activities:

- **Rota co-ordinator: for plastic surgery trainee between 2009/ 2010 and 2017.**
- 1/2011: organizer of the 2nd International conference for plastic surgery, Alazhar University, Cairo.
- 19/07/2017: Co-coordinator for the FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.
- 21/02/2018: Co-coordinator for the FRCS Plastic Surgery Course, STHK Trust, Liverpool, UK.
- May to August 2018: Setting up a new trauma service in the UHCW NHS trust for plastic surgery trauma patients.

Procedures:

1. General:

Debridement of wounds: Chronic wounds including pressure sores and Necrotizing fasciitis

Tissue transplantation

Local/ regional and free flaps

Peripheral nerve surgery

Burn management

- i. Thermal, chemical, electrical and radiation injury
- ii. Burn resuscitation and surgery: excision and grafting

2. Upper Extremity including Hand

- a. Congenital e.g. Syndactyly, polydactyly, Apert's hands.

b. Traumatic / Acquired:

- i. Soft tissue
- ii. Bone
- iii. Joints and ligaments
- iv. Peripheral nerves
- v. Functional tendon transfers
- vi. Surgical management of Arthritis
- vii. Compartment syndrome
- viii. Replantation and Revascularisation

c. Dupuytren's Surgery.

3. Head and Neck

a. Congenital: Cleft lip/palate, Prominent ears

b. Traumatic / Acquired Soft tissue injuries: Amputations (ear, nose, lids, lip, eyebrow, scalp), Nerve lesions/defects, Complex composite defects (ear, nose, lids, lips, eyebrow), Scalp defects

c. Head and neck tumours: skin, mouth, pharynx and Larynx, oesophagus and palate

4. Aesthetic surgery: Blepharoplasty, Rhinoplasty, Otoplasty

5. Trunk and Abdomen, Genitalia

- hypospadias, perineal reconstruction and abdominal wall reconstruction

- Liposuction, Abdominoplasty, Body lift, post- bariatric surgery

6. Lower Extremity

- Congenital e.g. Constrictive bands

- Traumatic: open tib fracture soft tissue coverage, free flaps/ local flaps

- sarcoma: soft tissue coverage

7. Skin diseases and soft tissue

- Excision of Vascular malformations and haemangiomas

- scars management (post traumatic, post burn)

- Skin Cancer: Excision, SLNB, Dissection and reconstruction.

8. Chest and Breast

- Congenital: Poland syndrome, Tuberous breast

- Breast reconstruction

- Others: Breast reduction, Augmentation and Gynaecomastia.