

CURRICULUM VITAE

Mr Fortune. C. Iwuagwu

MBBS, M Sc.(Lon), FRCS (Glas), FRCS(Ed), FRCS (Plast Surg)

(Consultant Plastic, Reconstructive and Hand Surgeon)

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CURRICULUM VITAE

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Date of CCST 19 Feb' 2002

(Specialist Entry Date 19 Aug' 2002)

Indemnity
(PRASIS) PRASIS/2010/0031

Qualifications MB BS (Nig), M.Sc. (Lon), FRCS (Ed),
FRCS(Glas), FRCS (Plast. Surg.)

Present Post Consultant Plastic, Reconstructive and Hand
Surgeon, St Andrew's Centre,
Broomfield Hospital,
Chelmsford, Essex

Consultant Plastic, Reconstructive and
Hand Surgeon (Hon),
Whipps Cross University Hospital, London

Summary of training

On finishing my basic surgical training, I embarked on training in all aspects of Plastic and Reconstructive surgery in various internationally recognised units in the country including Billericay (now Chelmsford), Manchester, Nottingham and Bristol. I furthered my training in my chosen subspecialty (Hand Surgery) as the British Society of Surgery of the Hand Fellow in the highly reputable Hand Unit in Chelmsford. Later I did a Hand and Microsurgery Fellowship in the world recognised Kelnert and Kutz Hand Surgery Centre, Louisville , Kentucky USA where I trained under Dr Harold Kleinert recognised as one of the fathers and pioneers of modern hand surgery.

On returning to the United Kingdom, I was appointed a Consultant Plastic, Reconstructive and Hand Surgeon at the St Andrews Centre for Plastic Surgery and Burns, Broomfield Hospital, Chelmsford and the Whipps Cross University Hospital, London in 2002. St Andrew's centre is the regional centre for plastic surgery and has one of the busiest hand trauma units in the country dealing with all aspect of hand trauma and post trauma sequelae. My main interests are hand trauma; post hand trauma reconstruction, breast reconstruction and scars. I also do a significant amount of general plastic surgery.

Teaching / Examining

I am on the board of examiners for the FRCS (Plast) Intercollegiate Exit Examination, which is a national test held twice a year.

I have successfully organised (local convenor) this national examination in Broomfield hospital, Chelmsford (September 2011)

I am actively involved in the training of the next generation of surgeons both in my NHS practice as well as in formal courses held nationally and internationally.

I am the Director / Convenor of the Core Skills Course in Hand Surgery held twice yearly at the Royal College of Surgeons of England, London since 2010. This is a fresh cadaveric course aimed at trainees in plastic surgery, trauma and orthopaedic surgery, accident and emergency trainees. This was developed from the Basic Skills Course in Hand Surgery which was also held at the college.

Previously I taught on the Basic Skills Course in Hand Surgery and later became the Director of the course in 2007.

I am on the board of Reviewers of some peer reviewed internationally acclaimed journals in my field.

I have recently been appointed onto the board of examiners for the Diploma in Hand surgery examination, which is administered on behalf of the British Society for Surgery of the Hand by the University of Manchester, England.

Research

I am a member of the St Andrews Research (STARS) group. I am actively involved in the Tendon research programme, which I have developed with the collaboration of Dr Raj Mootanah, (Scientist). We are studying different core suture tendon techniques. Presently I am only working with porcine tendons using a biomechanical tension machine, which measures the tensile strength (both cyclical and static) and displacement in the different tested core suture techniques.

Publications

1. **Masters in Surgical Science (M Sc.) Thesis - University College London.**
Iwuagwu F.C. (Sept 1996) *Comparative morphological study of the early cellular response in injured loaded and unloaded extensor digitorum longus tendons of the rat (first 7 days).*
2. **Iwuagwu F C. & Frame J. D.** *Silicone breast implants: complications* [**British Journal of Plastic Surgery (1997),50,632-636**]
3. **Iwuagwu F C. & Frame J.D.** *Silicone breast implants: Concerns and controversies.* (**British Journal of Plastic Surgery - in press**)
4. **Iwuagwu F.C. & Bailie F.** *Oral fluid therapy in paediatric burns (5% - 10% BSA): an appraisal.* [**Burns - 24:470 –474; 1998**]
5. **Iwuagwu F.C. & McGrouther D. A.** *The early cellular response in injured loaded and unloaded extensor digitorum longus tendons of the rat.* (**Plastic and Reconstructive Surgery,102:2064-2071,1998**)
6. **Iwuagwu F.C., Wilson D, Bailie F.** *The use of skin grafts in post burns contracture - 10-year review.* (**Plastic and Reconstructive Surgery journal 103(4):1198-204,1999**)
7. **Iwuagwu F C, Payne F, Rigby H, Reid C D R.** *Juvenile xanthogranuloma: a clinicopathological case report.* (**British Journal of Plastic Surgery 52(7): 591-596, 1999**)
8. **Iwuagwu F C, Shaaban H, Lees V C.** *A biomechanical study of reattachment versus distal multistrand repair in distal division of the flexor digitorum profundus.* (**Journal of Hand Surgery (British and European), 28B: 4: 369-372, 2003.**)
9. **Iwuagwu F C, and Gupta A.** *A simple tendon retrieval method.* (**Journal of Hand Surgery (British and European), 29B:2:191-193.**)
10. **Iwuagwu F C, Misra A.** *Composite V-Y advancement flaps for the coverage of distal defects on the dorsum of multiple digits,* **J Hand Surg Eur vol 2007, 32(2): 333-6.**

11. Figus A, **Iwuagwu F C** and Elliot D. *Subacute compression neuropathies after trauma and surgery of the hand. **Plast Reconstr Surg** 2007, 120(3): 705-12.*
12. Dillon C, **Iwuagwu F C** . *Cavicare dressings following syndactyly (**J Plast Reconstr Aesthet Surg**. 2009 Nov;62(11):e518-9. Epub 2008 Sep 26)).*
13. Figus A, Canu V, **Iwuagwu F C**, Ramakrishnan V. DIEP flap with implant: a further option in optimising breast reconstruction. ***J Plast Reconstr Aesthet Surg**. 2009 Sep;62(9):1118-26. Epub 2008 Jul 9.*
14. Lyons ID, **Iwuagwu FC**. Re: Tripathi AK, Mee SN, Martin DL, Katsarma E. The 'transverse intraosseous loop technique' (TILT) to re-insert flexor tendons in zone 1. *J Hand Surg Eur*. 2009, 34: 85-9.; ***J Hand Surg Eur Vol**. 2009 Oct;34(5):702.*
15. Dewing D, Mashadi S A, **Iwuagwu F**. Deliberate self-harm: the St Andrew's experience. ***European Journal of Plastic Surgery Volume 33, Number 5, 2010, 237-239.***
16. Pignatti M, **Iwuagwu FC**, Browne TF. Late partial failure of a free ALT flap. ***J Plast Reconstr Aesthet Surg**. 2011 Dec 24.*
17. Pignatti M, **Iwuagwu FC**, Harrison AP, Cerio R. Desmoplastic trichoepithelioma confused with cutaneous squamous cell carcinoma in childhood. ***J Plast Reconstr Aesthet Surg**. 2011 Apr;64(4):e92-4. Epub 2010 Dec 3.*
- 18 Venkatachalam S, Gillepsie P, Orkar S, **Iwuagwu F**. Pattern of tendon and nerve injuries: how accurate is pre op diagnoses? ***J Bone Joint Surg Br** 2010 vol. 92-B no. SUPP I 42.*
19. **Iwuagwu F**, Siddiqui A. Pedicled (antegrade) SUPBRA flap - For wound cover on volar aspect of thumb. ***J Plast Reconstr Aesthet Surg**. 2011 Sep 22. [Epub ahead of print]*
20. Orkar S O, Watts C, Misra A, **Iwuagwu F C**. *A comparative analysis of the outcome of flexor tendon repair in a single radial digit (index finger) and a single ulnar digit (little finger): Does the little finger fare worse? (**J Hand Surgery Eur vol** 2012, 37E(1):20-26.*
21. Mopuri N, Masud D, **Iwuagwu F C**. Simple method to measure volume difference in asymmetric and hypoplastic breasts. ***J Plast Reconstr***

Aesthet Surg. 66 (1), January 2013, Pages 142–143.

22. **Iwuagwu F C**, Orkar S, Siddiqui A. *The use of free superficial palmar branch of the radial artery (SUPBRA) flaps in digital reconstruction.* **Plast Reconstr Surg** - 2013, Feb, 131(2): 308e- 309e.
23. Mussa MA, O'Connor E, Waterston S, Taylor M, **Iwuagwu F**. Isolated tuberculosis of the wrist: A rare case of extrapulmonary tuberculosis. *International journal of case reports and images*, 2013.
24. Jabir S, Lyall H, **Iwuagwu FC**. The extensor pollicis brevis: a review of its anatomy and variations. *Eplasty*. 2013 Jul 1;13:e35.
25. Jabir S, **Iwuagwu FC**. Postoperative mobilization regimens following digital nerve repair: a systematic review. *Eplasty*. 2014 Jan 17;14:e5.
26. Jing SS, Teare L, **Iwuagwu F**. Mycobacterium Kanasii Flexor Tenosynovitis of the Finger. *Hand Surgery* vol.19, No. 02, pp.249-251, Jan 2014.
27. Sharma P, Gathura E, **Iwuagwu F**. 'Marionette sutures' retraction for hand fracture fixation. *J Plast Reconstr Aesthet Surg*. 2014 Aug;67(8):1160-1.
28. **Iwuagwu FC**, Orkar SK, Siddiqui A. Reconstruction of volar skin and soft tissues of the digits including the pulp: Experience with the free SUPBRA flap *J Plast Reconstr Aesthet Surg*. 2014 Sep 16. pii: S1748-6815(14)00500-2. doi: 10.1016/j.bjps.2014.08.064. [Epub ahead of print]
29. **Iwuagwu F C**. The three stages of breast reconstruction (Invited article). *Plastic and Maxillofacial Aesthetic (PMFA)* , October/ November, vol 2 , issue 1, pp 19-23 2014.
30. Anca Breahna, Edmund Fitzgerald O Connor, **Fortune Iwuagwu** Replantation of digits: a review of predictive factors for survival (Accepted - *Journal of Hand Surgery: European Volume* – in press)
31. N Mopuri, E Fitzgerald Oconnor, **F Iwuagwu**. Scrotal reconstruction with modified pudendal thigh flaps. (accepted – *Journal of Plastic, Reconstructive and Aesthetic Surgery journal* 2015)
32. Theodorakopoulou E, Mason K A, Pafitanis G, Ghanem A, Myers S, **Iwuagwu F C**. Free-Tissue Transfer for the Reconstruction of War-Related Extremity Injuries: A Systematic Review of Current Practice. 181(1), pp.27–34, January 5, 2016.

Work in progress (awaiting submission to the journals)

- i. Suresh S, **Iwuagwu F C**. *Haemolytic infections of the upper limb -*
2. Jabir S, Pahal G, Ibrahim Amr, **Iwuagwu FC**. Minimal access incision correction of prominent ears. (poster presentation at the **British Association of Aesthetic Plastic Surgeons -Sept 2012**)
3. **Iwuagwu FC**. *The use of the superficial palmar branch of the radial artery in reconstructive surgery*
4. **Iwuagwu F C et al**. *Comparative biomechanical study of various tendon core sutures in porcine tendons– (in process of developing a protocol using the Bose tension measuring machine in the PMED laboratory of Anglia Ruskin University*

Presentations

1. Khan J I., **Iwuagwu F C**., Frame J D. *The “MARSBAR” scoring system for assessment of Toxic shock syndrome in Paediatric Burns.*
(Presented at the 9th Congress of the **International Society for Burns Injuries**, Paris, 28th June 1994).
2. **Iwuagwu, F.C.** and Bailie F. *The use of full thickness skin grafts in post burn contracture - a 10-year review.*
Presented at the 29th annual meeting of the **British Burn Association** (Swansea) - 11th April 1996.
3. **Iwuagwu, F.C.**, and Bailie F. *Burns (5-1%) in the paediatric age group: Oral fluid therapy practices in the United Kingdom.*
Presented at the 29th annual meeting of the **British Burn Association** (Swansea) - 12th April 1996.
4. **Iwuagwu F.C.** & McGrouther D. A. *The early cellular response in injured loaded and unloaded extensor digitorum longus tendons of the rat.*
Presented at the autumn meeting of the **British Society for Surgery of the Hand** - Nov' 1996 (Birmingham)
5. **Iwuagwu F. C.**, Brown R., McGrouther D. A. *A comparative qualitative and quantitative ultrastructural study of the effect of loading on the healing tendon.*
(Presented at the summer meeting of the **British Association of Plastic Surgeons** - July 1997)
6. **Iwuagwu F C**, Edwards J, Dunn K W. *Early experience with TELFA dressings in major burns: A three-year review.*

(Presented at the winter meeting of the **British Association of Plastic Surgeons** – December 1999).

7. **Iwuagwu F C**, Shaaban H, Lees V C. *Re-attachment of flexor digitorum profundus tendons to the distal phalanx: a comparative biomechanical study.* (Presentation – **British Society for Surgery of the Hand** October 2001)

8. **Mashadi S A**, Dewing D, **Iwuagwu F**. Deliberate self-harm: the St Andrew's experience. (presented at the **British Association of Plastic Surgeons meeting** –Dec 2004)

9. Orkar S, Watts C, Mishra A, **Iwuagwu F C**. . *A comparative analysis of the outcome of flexor tendon repair in a single radial digit (index finger) and a single ulnar digit (little finger): Does the little finger fare worse?* (presented at the **British Association of Plastic Surgeons summer meeting** July 2006)

10. Orkar S, **Iwuagwu F C** Free superficial palmar branch of the radial artery flap for the reconstruction of defects on the volar surface of the digits. (Presented at the winter meeting of the **British Association of Plastic, reconstructive and Aesthetic Surgeons** meeting –Dec 2007)

11. **Iwuagwu F C (Invited speaker)**. Free superficial palmar branch of the radial artery flap for digital reconstruction (**British Society for Surgery of the Hand** Nottingham 2009)

12. **Iwuagwu F C (Invited speaker)**
Soft tissue cover of the digits proximal to the pulp
(**BSSH Instructional courses** - Manchester February 2011)

13. **Iwuagwu F C (Invited speaker)**. Free superficial palmar branch of the radial artery flap for digital reconstruction –
(**Combined American Microsurgical Society and Italian Microsurgical Society meeting, Palermo, Italy – October 20-22, 2011**)

14. Jabir S, Pahal G, **Iwuagwu FC**. Minimal access incision correction of prominent ears. (poster presentation at the **British Association of Aesthetic Plastic Surgeons -Sept 2012**)

15. Jabir S, **Iwuagwu FC**. Systematic review of rehabilitation protocols after digital nerve repair (presented at the **British Society for Surgery of the Hand - October 2012**)

16. Breahna A, Siddiqui A, Jabir S, Tan A, Copsey A, **Iwuagwu F**. Outcome of digital replantations – St Andrew's experience. (Presented at the **BSSH / BAHT combined autumn scientific meeting 17 – 18 October 2013** held at the Royal College of Surgeons of England, London)

17. Mopuri N, Frew Q, **Iwuagwu F**. A prospective study of deliberate self-harm injuries in the upper limb. (Presented at **the BSSH / BAHT combined**

autumn scientific meeting 17 – 18 October 2013 held at the royal college of surgeons of England, London)

18. Jabir S, Petkar M, **Iwuagwu F**. Glomus tumours of the upper limb - a clinicopathological review of cases presenting to a regional hand unit over a ten-year period (Presented at the **BSSH / BAHT combined autumn scientific meeting 17 – 18 October 2013** held at the Royal College of Surgeons of England, London)

19. Jing SS, Teare L, **Iwuagwu F**. Extreme Mycobacterium Kanasii Flexor Tenosynovitis of the Finger. Accepted for publication in Hand surgery journal. (Poster presented at the **BSSH / BAHT combined autumn scientific meeting 17 – 18 October 2013** held at the Royal College of Surgeons of England, London).

20. **Iwuagwu FC (invited speaker)** – Ulnar Nerve Entrapment at the Wrist and Elbow. (**BSSH Instructional course in Hand surgery**, 13,14 June 2014 held in Manchester, UK).

21. Breahna A, Siddiqui A, Jabir S, Tan A, Copsey A, **Iwuagwu F**. Predictive factors in digital replantations – St Andrew’s experience. (Presented at the **FESSH meeting**, 18 to 21 June 2014, Paris)

22. Jabir S, Petkar M, **Iwuagwu F**. Glomus tumours of the upper limb - a clinicopathological review of cases presenting to a regional hand unit over a ten-year period (Presented at the **ESPRAS meeting**, Edinburgh – July 2014)

23. Breahna A, Siddiqui A, Jabir S, O’Connor E, **Iwuagwu F**. Predictive factors in digital replantations – St Andrew’s experience. (Presented at the **ESPRAS – e poster** – Edinburgh, July 2014).

24. Jabir S, Frew D, **Iwuagwu FC**. Outcome of free flaps in children : 10 year review. (presented at the **ESPRAS** meeting in Edinburgh, July 2014).

25. **Iwuagwu FC** Perforator flaps in the hand (invited speaker)
Asia Pacific Federation of Societies for Surgery of the Hand (APFSSH) Oct 2-4, 2014.

26. **Iwuagwu FC** How I do it -- SUPBRA (invited speaker)
Challenges and Controversies in Hand Surgery, Chelmsford 7-8th November 2014

27. **Iwuagwu FC**. Flexor tendon repair dehiscence. (**BSSH Instructional course in Hand surgery**, 30,31 Jan 2015 held in Manchester, UK).

28. E. Theodorakopoulou A.M. Ghanem, K. Mason, **F.C. Iwuagwu**.
Acute mallet injuries of the distal phalanx: A systematic review of optimal operative management (presented at the meeting of the ASiT, Feb 2015).

29. E. Theodorakopoulou A.M. Ghanem, K. Mason, **F.C. Iwuagwu**. Acute mallet injuries of the distal phalanx: A systematic review of optimal operative management. (Presented at the Association of trauma and Military surgeons of Great Britain (ASGBi AMTS), Manchester April 2015)

30. M. Marti-Puente, J. Patel, A. Ghanem, E. Theodorakopoulou, **F. Iwuagwu**. **Interphalangeal joint fractures of the thumb: correlation of range of motion to thumb function (FESSH, Milan Italy 17 to 21, 2015)**

31. M Chowdhry , I Delikonstantinou, **Mr F Iwuagwu**, (Senior) (Chelmsford) Case reports of the free second dorsal metacarpal artery flap: when you cannot go local, you can go free (presented at BAPRAS winter meeting Nov 26,27- 2015)

Other Interests

I am a keen footballer as well as like playing lawn tennis. I like listening to jazz especially jazz-fusion, rhythm & blues (modern), gospel and highlife music. I enjoy singing soul and gospel (more like grunting). I enjoy and also play the saxophone (though badly)!

Memberships

British Society for Surgery of the Hand
British Association of Plastic, Reconstructive and Aesthetic Surgeons
Expert Witness Institute
Society of Expert witnesses
Association of Personal Injury Lawyers (APIL)
National Expert Witness Agency (NEWA)

Areas of Interest (Medico-legal)

Scars (following burns, assaults, work related injuries, surgery, falls e.t.c.)
Hand injuries
Soft tissue injuries
Deliberate self-harm

Medico-legal courses

I have attended the Bond Solon course - *Excellence in Report writing - Written Evidence* , June 2011

Medico-legal Experience:

I have been preparing medico-legal reports for medico-legal agencies and solicitors for more than nine years. I do about 100 medical reports a year. I intend to expand my medico-legal practice.

The distribution of the work I do is approximately claimant (80%) to defendant (20%).

From instruction to completion of report is approximately four weeks if the client and medical records are available for examination / review.

Consulting room addresses:**London**

London Medical Centre, 142-146 Harley Street, London W1G 7LD (TBC)

Spire Roding Hospital, Roding Lane South, Ilford, Essex IG4 5PZ

London Independent Hospital, 1 Beaumont Square, Stepney Green, London E1 4NL

Essex**Brentwood**

Essex Nuffield Hospital, Shenfield Road, Brentwood, Essex CM15 8EH

Chelmsford

St Andrews Centre for Plastic Surgery, Broomfield Hospital, Chelmsford. CM1 7ET

Chelmsford Medical Centre, Fenton House, 85-89 New London Road, Chelmsford, Essex CM2 0PP.

Springfield Medical Centre, Lawn Lane, Springfield, Chelmsford, Essex CM1 7GU