

MR. IAN G. WINSON MB ChB FRCS

CONSULTANT ORTHOPAEDIC AND TRAUMA

SURGEON

WITH A SPECIAL INTEREST IN FOOT AND ANKLE

SURGERY

CURRICULUM VITAE

PRESENT APPOINTMENT:

Consultant In Orthopaedics And Trauma

Avon Orthopaedic Centre

Southmead Hospital

Southmead Road

Westbury On Trym

Bristol BS10 5NB

AND

Frenchay Hospital

Frenchay Park Rd.

Bristol BS16 1LE

HOME ADDRESS:

TOCKINGTON HOUSE

UPPER TOCKINGTON ROAD

TOCKINGTON

BS32 4LQ

UK

PERSONAL DETAILS

DATE OF BIRTH :

23rd. APRIL 1955

MARITAL STATUS :

MARRIED (WITH TWO CHILDREN)

PLACE OF BIRTH :

STAMFORD, LINCOLNSHIRE.

EDUCATION:

STAMFORD SCHOOL FOR BOYS 1966-1973

UNIVERSITY OF SHEFFIELD MEDICAL SCHOOL 1973-1978

QUALIFICATIONS :

MB AND ChB (SHEFFIELD) JULY 1978

PRIMARY FRCS (EDINBURGH) OCTOBER 1980

FRCS (EDINBURGH) MAY 1983

ACCREDITATION IN ORTHOPAEDICS FEBRUARY 1989

SCHOLARSHIPS AND FELLOWSHIPS:

DIFCO VIROLOGY SCHOLARSHIP JUNE 1976

ZIMMER TRAVELLING FELLOWSHIP JUNE 1988

COMBINED ASSOCIATIONS TRAVELLING FELLOWSHIP JUNE 1989

HONOURS and HONORARY POSITIONS:

PRESIDENT OF THE BRITISH ORTHOPAEDIC ASSOCIATION

SEPTEMBER 2016 – (CURRENT)

PRESIDENT OF THE BRITISH ORTHOPAEDIC FOOT SURGICAL SOCIETY

JAN 1993-1994

HONORARY TREASURER BRITISH ORTHOPAEDIC FOOT SURGICAL SOCIETY

JAN 1994 – JAN 2000

COUNCIL MEMBER OF THE ORTHOPAEDIC SECTION ROYAL SOCIETY OF

MEDICINE APRIL 1996 – OCT 1999.

MEMBERSHIP SECRETARY OF THE ORTHOPAEDIC SECTION ROYAL SOCIETY

OF MEDICINE OCT 1999-OCT 2001

DEPUTY DIRECTOR OF TRAINING FOR THE NORTHERN SOUTHWEST

ORTHOPAEDIC TRAINING PROGRAM 1995-1999.

DIRECTOR OF TRAINING FOR THE NORTHERN SOUTHWEST ORTHOPAEDIC

TRAINING PROGRAM 1999-JULY 2002

COMMITTEE MEMBER BRITISH ORTHOPAEDIC ASSOCIATION RESEARCH

AND SCHOLARSHIP COMMITTEE 1998- 2001

COMMITTEE MEMBER WISHBONE TRUST RESEARCH & SCHOLARSHIP

COMMITTEE 1998-2001

BRITISH ORTHOPAEDIC ASSOCIATION/ ROYAL COLLEGE OF SURGEONS

REPRESENTATIVE PROSTHETISTS AND ORTHOTISTS BOARD OF THE

COUNCIL FOR PROFESSIONALS SUPPLEMENTARY TO MEDICINE (CPSM)

1998-2001

*MEMBER OF THE DISCIPLINARY COMMITTEE PROSTHETISTS AND
ORTHOTISTS BOARD OF THE COUNCIL FOR PROFESSIONALS
SUPPLEMENTARY TO MEDICINE (CPSM) 1998-2001.*

MEMBER OF THE EDUCATION COMMITTEE OF THE BOA

JAN 2000- JAN 2003

MEMBER OF THE COUNCIL OF THE EUROPEAN FOOT AND ANKLE SOCIETY

JUN 2000 TO 2010

VICE PRESIDENT OF THE EUROPEAN FOOT AND ANKLE SOCIETY JAN 2004-6

PRESIDENT OF THE EUROPEAN FOOT AND ANKLE SOCIETY JAN 2006-8

PAST PRESIDENT OF THE EUROPEAN FOOT AND ANKLE SOCIETY

JAN 2008-10

MEMBER OF THE AO FOUNDATION FOOT AND ANKLE EXPERT GROUP

2002-DATE

COUNCIL MEMBER OF THE BRITISH ORTHOPAEDIC ASSOCIATION

JAN 2010 - 2014

VICE-CHAIRMAN SCIENTIFIC AND EDUCATION COMMITTEE EUROPEAN

FOOT AND ANKLE SOCIETY JAN 2002 TO 2004

CHAIRMAN OF THE SCIENTIFIC COMMITTEE OF THE BRITISH

ORTHOPAEDIC FOOT SURGERY SOCIETY NOV 2001 TO 2004

MEMBER OF THE EDUCATION COMMITTEE OF BRITISH ORTHOPAEDIC

FOOT SURGERY SOCIETY NOV 2001 TO 2004

INSTRUCTIONAL LECTURER BOA FOUNDATION COURSE FOR

ORTHOPAEDICS 1994 AND 1995

DIFENE LECTURESHIP (INTERNATIONAL GUEST LECTURER)

DUBLIN 11TH.-12TH. September 1998

BOA NAUGHTON DUNN LECTURER SEPTEMBER 2009

GORDON KERRIDGE MEMORIAL ORATOR NEWCASTLE AUSTRALIA

NOVEMBER 2012

AO FOUNDATION TK INNOVATION PRIZE WINNER

DEC 2012

PRESIDENT OF THE BRITISH ORTHOPAEDIC ASSOCIATION

SEPTEMBER 2016

SOCIETIES AND PROFESSIONAL BODIES :

FELLOW OF THE ROYAL COLLEGE OF SURGEONS OF EDINBURGH

FELLOW OF THE BRITISH ORTHOPAEDIC ASSOCIATION

MEMBER OF THE BRITISH FOOT SURGERY SOCIETY

MEMBER OF THE EUROPEAN SOCIETY OF FOOT AND ANKLE SURGEONS

INTERNATIONAL MEMBER OF THE AMERICAN ORTHOPAEDIC FOOT AND

ANKLE SOCIETY

MEMBER OF THE INTERNATIONAL SOCIETY FOR SURGERY OF THE FOOT

AND ANKLE

MEMBER OF THE BMA

EDITORIAL RESPONSIBILITIES

REVIEW EDITOR OF FOOT AND ANKLE SURGERY

THE JOURNAL OF THE EUROPEAN FOOT AND ANKLE SOCIETY

AN ELSEVIER PUBLISHED JOURNAL

REVIEWER FOR INJURY

AN ELSEVIER PUBLISHED JOURNAL

PREVIOUS POSTS

HOUSE OFFICER AND SENIOR OFFICER POSTS IN

LEICESTER AUG 1978- JAN 1982

PRE-FELLOWSHIP REGISTRAR JAN 1982-SEPT 1983

CARDIFF SURGICAL TRAINING SCHEME

POST- FELLOWSHIP REGISTRAR IN ORTHOPAEDICS BRISTOL ROYAL

INFIRMARY AND WINFORD HOSPITAL SEPT. 1983-JAN 1986.

LECTURER/ HONORARY SENIOR REGISTRAR IN ORTHOPAEDICS SHEFFIELD

FEB. 1986- JAN 1990.

ACTING SENIOR LECTURER IN ORTHOPAEDICS JAN 1990 ROYAL

HALLAMSHIRE HOSPITAL SHEFFIELD.

PRESENT POSITION

CONSULTANT ORTHOPAEDIC AND TRAUMA SURGEON

NORTH BRISTOL NHS TRUST

FRENCHAY HOSPITAL AND

AVON ORTHOPAEDIC CENTRE

SOUTHMEAD HOSPITAL

WESTBURY ON TRYM

BRISTOL BS10 5NB.

PRESENT POST COMMITMENTS

ORTHOPAEDIC COMMITMENT

Since my appointment I have developed an ever increasing interest in foot and ankle surgery. I now run a clinic for foot and ankle surgery once a week and special clinics for diabetic foot problems, complex foot and ankle trauma rheumatoid foot problems and tertiary foot problems referred from other consultants, once a month. As such my practice is now exclusive foot and ankle orientated and that reflects my scientific interests.

TRAUMA COMMITMENT

My post now is orientated to cover the major and complex foot and ankle problems in a level 1 trauma centre. This includes collaborating closely with plastic surgical colleagues in reconstructing the most severely injured lower limb peripheral injuries.

MANAGEMENT RESPONSIBILITIES

I have for the last 5 years been speciality director at the Avon Orthopaedic Centre. I finally handed over this responsibility. During this time however we have managed to generate a much more robust clinically orientated management style. By particularly concentrating on sub-speciality groups within the unit and allowing them to develop responsibility for their areas of interest we have produced an involved group of clinicians. This has meant that in a difficult environment we have been able to achieve many of our targets and deliver a consistently high level of service to our patients. I am now representing the foot and ankle viewpoint on the Specialist commissioning CRG. This task is critical to making sure that our patients with the most complex problems receive a timely and sufficiently skilled treatment.

TEACHING RESPONSIBILITIES

In the past I have been the Deputy and then Director of our training program in the northern part of the South West.

*With time my training role has reflected my practice in becoming more and more foot and ankle orientated. This has meant regular contributions to local training program, national to various courses, to BOFAS Meetings and courses, to BOA courses and meetings and of course for EFAS courses and congresses. In addition I have been an invited **Guest speaker** at*

The Dutch Orthopaedic Association

The Belgian Orthopaedic Association

The Italian Orthopaedic Association

The German Orthopaedic Association

The Canadian Orthopaedic Association

The Australian Orthopaedic Association

The Dutch Foot and Ankle Society

The Belgium Foot and Ankle Society

The Swedish Foot and Ankle Society

The Portuguese Foot and Ankle Society

The Irish Foot and Ankle Society

The Polish Foot and Ankle Society

The Russian Foot and Ankle Society

The Finnish Foot and Ankle Society.

*I am a member of the AO foundation Foot and Ankle Expert Group and have been since 2002. As a consequence I have been an **International faculty member on Advanced Foot and Ankle Courses in***

Davos Switzerland

Beijing China

Sydney Australia

Stockholm Sweden

Cartegena Colombia

Rotterdam Netherlands

As part of the evolution of training in advanced techniques for foot and ankle surgery I have been involved both in Europe and through the AO foundation in changing the style and delivery of Courses and Symposia. This has led to a much more interactive form of course and training.

Probably of greater importance is that I have been running a successful fellowship training program for the equivalent of 13 years. This has meant that there are consultants throughout the South West and the rest of the UK and some even in Australia and New Zealand who have been trained at a senior level in the AOC.

PUBLICATIONS

1. Studies with live attenuated influenza virus in chronic bronchitis.
WINSON, I.G., SMIT, J.M., POTTER, C.W. and HOWARD, P.
Thorax, 32(6), pp. 726-728. 1977
2. Late repair of calcaneal tendon with carbon fibre.
Howard, I G WINSON, Mackie and Jenkins. JBJS 66B (1984) page
206-9.
3. The treatment of metatarsalgia by sliding distal metatarsal osteotomy.
I G WINSON, Rawlinson J , Broughton. Foot and Ankle . August
1988 Vol 9.
No. 1. Pages 2-7.
4. Malignancy and silastic particles – an animal study.
I G WINSON, Digby, Wickrametachi and Longstaffe. Clinical
materials 1988 vol.3 No. 3 pg. 19-24.
5. Keller's arthroplasty and Mitchell's osteotomy: A comparison with
first metatarsal osteotomy of the long-term results for hallux valgus
deformity in the younger female.
Broughton N.S. and I G WINSON. Foot and Ankle. Pg. 201-205, vol
10 no 4, 1990.
6. The dynamics of antibiotic prophylaxis in hip surgery.
Bannister, Bitonnis, James, I G WINSON and Watson.

Acta Orthop Hellenica vol 40. No.2 1989 pg 35-38.

7. A surgical approach to the elbow.

Stanley D. and I G WINSON. JBJS, vol72-b pg 728-729 1990.

8. Anterior knee pain in the post adolescent decade.

I G WINSON , Miranda and Smith.

Acta Orthop Scand supplementum No. 237 vol61. No 152 pg62 1990

9. Patella Osteotomy; A Cadaver Study.

Blundell C, I G WINSON, Saleh M. Acta Orthop Scand.

Supplementum no.237. Vol 61 No188 Pg 62 1990

10. Anterior knee pain in Rheumatoid patients after Total Knee

Replacements.

D Fearn , I G WINSON, J.Getty. JBJS, vol74b 1992 pgs.745-748

11. Does Plaster immobilisation pre-dispose to pulmonary embolism.

A. Clarke and I.G. WINSON Injury 1992 vol 23: 533-534

12. Metatarsal Motion.

I G WINSON, A Lundberg, C Bylund.

The Foot (1995) 5 pgs 91-94.

13. The pattern of Motion in the longitudinal Arch of the foot.

I G WINSON, A Lundberg, C Bylund. The Foot (1994) 4 151-154.

14. Accuracy of Roentgen Stereophotogramatic Analysis in joint Kinematics

A.Lundberg, I.G. WINSON

The European Journal of Experimental Musculoskeletal Research. 1992 1; 213-216.

15. In vitro assessment of the Accuracy of Optoelectronic Joint Motion Analysis. A.Lundberg, I.G. WINSON. The European Journal of Experimental Musculoskeletal Research. 1992 1; 217-219

16. An audit of early wound infection after elective orthopaedic surgery.

A.J Kelly, R. Bailey, E.G. Davies, R. Percy, I.G. WINSON.

Journal of The Royal College of Surgeons of Edinburgh. 1996:41(2): 129-131

17. Classification and management of tibialis posterior tendon injuries according to magnetic resonance imaging findings

A.M. Wainwright, A.J. Kelly, D. Glew, A.E. Mitchelmore, I.G. WINSON.

The Foot (1996) 6, 66-70

18. Basic Arthroscopy of the Ankle

IG WINSON & AJ Kelly. Video Journal of Orthopaedics. 1996: 3(1);1

19. Clinical Examination of the Ankle and Foot

IG WINSON, SW Parsons, IBM Stephen and AJ Kelly.

Video Journal of Orthopaedics. 1996: 3(1); 2

20. Clinical application of magnetic resonance imaging in the ankle and hindfoot

A. Wainwright, A.J. Kelly, I.G. WINSON. *The Foot* 1996 :6; 126-133

21. Calcaneal spurs and plantar fasciitis.

A.M.Wainwright, A.J. Kelly and I.G.WINSON.

The Foot 1995 5(3); 123-126

Heel spurs in plantar heel pain (reply).

A.M.Wainwright, A.J. Kelly, I.G.WINSON.

The Foot 1996: 6; 49

22. A new physical sign in arthroscopy of the ankle.

A. Wainwright, A.J. Kelly , I.G. WINSON.

1998. *Foot and Ankle International*, 19(5), pp. 342.

23. Plantar pressures are normal in plantar fasciitis

A.J. Kelly, A. Wainwright, I.G. WINSON.

Foot Diseases 1995; II(2);129-133

24. The heel pad in plantar heel pain (letter)

A.J. Kelly, A.M.Wainwright, I.G.WINSON

Current Orthopaedics and Related Research 1995: 319; 330

25. Does early wound infection after elective orthopaedic surgery lead on to chronic sepsis?

J.R. Bengler, A.J. Kelly and I.G. WINSON

J.R. Coll. Surg. Edinb. 43, February, 1998 43-44.

26. Foot Orthoses: An audit of expenditure and efficiency.

Fox, H.J. and WINSON, I.G., 1994. Foot orthoses: An audit of expenditure and efficacy. *Foot*, 4(2), pp. 79-82.

27. What Is The Influence Of Hand Size, Leg Size And Clinical Experience When Performing The Lachman Test?

J.R. Bengler, A.J. Kelly, I.G. WINSON

The Knee, Vol 4, No. 2 pgs 109-111.

28. Use of Ready-Made Insoles in the Treatment of Lesser Metatarsalgia: A prospective Randomized Controlled Trial.

A. Kelly and I. G. WINSON

Foot and Ankle International Vol19/No. 4 217-220 1998

29. Comparison of intravenous and oral antibiotic therapy in the treatment of fractures caused by low velocity gunshots.

A.J. Kelly, I.G. WINSON

The Journal of Bone and Joint Surgery. American volume, 79(10), pp. 1590.

30. Optimal insertion site for intramedullary nails during combined ankle and subtalar arthrodesis

N. Moojani, R. Buckingham and I.G. WINSON

Foot and Ankle Surgery 1998 4: 21-26

31. An anatomical study of a new portal for ankle arthroscopy.

R.A. Buckingham, I.G. WINSON, A.J. Kelly.

JBJS 79-B 1997 650-653.

Correction: An anatomical study of a new portal for ankle arthroscopy (The Journal of Bone and Joint Surgery (1997) 79-B (650-652)). Journal of Bone and Joint Surgery - Series B, 79(6), pp. 1045.

32. Day case or short stay admission for arthroscopic knee surgery. A prospective randomised controlled trial.

A E Weale, I G WINSON, R J Mani and C E Ackroyd.

Annals of Royal College of Surgeons Engl 1998 ; 80 : 146-149

33. Pedal Macrodactyly and digital nerve impingement.

A M Wainwright, I G WINSON.

Foot Diseases 1995: II (1) pgs 27-28.

34. Recent advances in ankle arthroscopy. A.J. Kelly, I.G. WINSON
Foot and Ankle Surgery, 4(2), pp. 49-55 1998.

35. Osteochondral Lesions of the Talus: A revised classification.

S. Hepple, I G WINSON, D. Glew

Foot and Ankle International Vol 20, No.12 Dec 1999 Pgs 789-793

36. Differences in Ankle Joint Complex Motion during the Stance phase of Walking as Measured by Superficial and bone anchored markers.

Westblad P, Hashimoto T, Winson I, Lundberg A, Arndt A.

Foot & Ankle International September 2002 vol 23 Number 9. 856-863.

35. Bone graft harvest from the proximal tibia in foot and ankle arthrodesis surgery.

WHITEHOUSE, M.R., LANKESTER, B.J.A., WINSON, I.G. and HEPPLER, S., 2006.

Foot and Ankle International, 27(11), pp. 913-916.

36. Ankle arthrodesis and its relationship to ipsilateral arthritis of the hind- and mid-foot.

SHERIDAN, B.D., ROBINSON, D.E., HUBBLE, M.J.W. and WINSON, I.G., 2006. Journal of Bone and Joint Surgery - Series B, 88(2), pp. 206-207.

37. Tibiotalocalcaneal (Hindfoot) arthrodesis by retrograde intramedullary nailing using a curved locking nail. The results of 52 procedures.

HAMMETT, R., HEPPLER, S., FORSTER, B. and WINSON, I.

Foot and Ankle International, 26(10), pp. 810-815, 2005

38. Arthroscopic ankle arthrodesis.

WINSON, I.G., ROBINSON, D.E. and ALLEN, P.E., Journal of Bone and Joint Surgery - Series B, 87(3), pp. 343-347. 2005

39. Ankle and subtalar kinematics measured with intracortical pins during the stance phase of walking.

ARNDT, A., WESTBLAD, P., WINSON, I., HASHIMOTO, T. and LUNDBERG, A., 2004.

Foot and Ankle International, 25(5), pp. 357-364.

41. Arthroscopic treatment of osteochondral lesions of the talus.

ROBINSON, D.E., WINSON, I.G., HARRIES, W.J. and KELLY, A.J., 2003.

Journal of Bone and Joint Surgery - Series B, 85(7), pp. 989-993.

42. Arthroscopic treatment of osteochondral lesions of the talus (multiple letters) [2].

GIBBS, J.R., RICKETTS, D., ROBINSON, D.E., WINSON, I.G.,
HARRIES, W.J. and KELLY, A.J., 2004
Journal of Bone and Joint Surgery - Series B, 86(5), pp. 777-778.

43. Fixation of ankle fragility fractures by minimally invasive tibio-talo-calcaneal nail

R. Amirfeyz, A. Bacon, J. Ling, W. Harries, I. Winson, S. Hepple and A. Blom

Injury, Volume 38, Issue 4, April 2007, Page 159

44. Synovial sarcoma discovered during subtalar arthroscopy

Edward Tayton, Adrian Taylor and Ian Winson

Foot and Ankle Surgery, Volume 13, Issue 3, 2007, Pages 143-146

45. Acute calcific tendonitis of the adductor brevis tendon of the foot

Foot and Ankle Surgery, Volume 12, Issue 2, 2006, Pages 109-111

D.S. Melsom, I.G. Winson and N. Rooney

46. Outcome of ankle fractures in the elderly

Foot and Ankle Surgery, Volume 6, Issue 3, 2000, Pages 175-178

R.A. Buckingham, S. Hepple and I.G. Winson

47. Bilateral agenesis of the tarsal navicular

Foot and Ankle Surgery, Volume 6, Issue 3, 2000, Pages 185-188

R.A. Buckingham and I.G. Winson

48. When to operate on pediatric flatfoot. Foot & ankle specialist,

KELIKIAN, A., MOSCA, V., SCHOENHAUS, H.D., WINSON, I. and
WEIL JR., L., 2011. 4(2), pp. 112-119.

49. WINSON, I.G. and HIGGS, A.

The Use of Proximal and Distal Tibial Bone Graft in Foot and Ankle Procedures.

Winson I.G. and Higgs, A.

Foot and ankle clinics, 15(4), pp. 553-558 2010.

50. Extended lateral approach for elective hind foot surgery-A safe and versatile incision.

Thyagarajan, D. Walkey, G. Kelly, A. and Winson, I.

Foot and Ankle Surgery, 17(4), pp. 274-276 2011.

51. LINTZ, F., HIGGS, A., MILLETT, M., BARTON, T.,
RAGHUVANSHI, M., ADAMS, M.A. and WINSON, I.G., 2011.

The role of Plantaris Longus in Achilles tendinopathy: A biomechanical study.

Foot and Ankle Surgery, 17(4), pp. 252-255.

52. LINTZ, F., BARTON, T., MILLET, M., HARRIES, W.J., HEPPLER, S. and WINSON, I.G., 2012.

Ground Reaction Force Calcaneal Offset: A new measurement of hindfoot alignment.

Foot and Ankle Surgery, 18(1), pp. 9-14.

53. WINSON, I.G. and PARSONS, S.W., 2011.

Report of the 8th EFAS Congress in Geneva.

Foot and Ankle Surgery, 17(3), pp. 208-210.

54. LOUWERENS, J.W., VALDERRABANO, V. and WINSON, I., 2011.

Minimal invasive surgery (MIS) in foot and ankle surgery. Foot and Ankle Surgery, 17(2), pp. 51.

55. BUDNAR, V.M., HEPPLER, S., HARRIES, W.G., LIVINGSTONE, J.A. and WINSON, I., 2010.

Tibiotalocalcaneal arthrodesis with a curved, interlocking, intramedullary nail.

Foot and Ankle International, 31(12), pp. 1085-1092.

56. BARTON, T., LINTZ, F. and WINSON, I., 2011.

Biomechanical changes associated with the osteoarthritic, arthrodesed, and prosthetic ankle joint.

Foot and Ankle Surgery, 17(2), pp. 52-57.

57. JAGODZINSKI, N.A., HUGHES, A., DAVIS, N.P., BUTLER, M., WINSON, I.G. and PARSONS, S.W., 2013.

Arthroscopic resection of talocalcaneal coalitions-A bicentre case series of a new technique. Foot and Ankle Surgery, .

58. Development and validation of the Sports Athlete Foot and Ankle Score: An instrument for sports-related ankle injuries

M.L.A. Morssinkhof, MD^a, O. Wang, MBChB, FRCAS^b, L. James, MD, FRCS(ORTH)^c, H.J.L. van der Heide, MD, PhD^a, I.G. Winson, MBChB, FRCS^c.

Foot and Ankle Surgery

Volume 19, Issue 3, September 2013, Pages 162–167

BOOKS AND BOOK CHAPTERS;

The treatment of metatarsalgia by sliding distal metatarsal osteotomy.

I.G. WINSON

In the Year Book of Podiatric Medicine and Surgery, Ed Dr. R.N. Jay, Year Book Publications 1989.

The treatment of metatarsalgia by sliding distal metatarsal osteotomy.

I.G. WINSON

Current Advances in Surgery, Philadelphia Press 1989

Ankle Arthroscopy.

I.G. WINSON and A.J. Kelly. Chapter in: Surgery of the Foot and Ankle

Ed N. Wulker M..M. Stephens. A. Cracchiolo III, Martin Dunitz (London)1998

The foot in childhood.

IG WINSON and PE Allen

In Oxford Textbook of Orthopaedics

The foot.

I G WINSON

in Bailey and Love's Short Practice of Surgery

INNOVATION AND DEVELOPING RESEARCH PROJECTS

I lead the foot and ankle group of the AOC and have led the research projects really since first appointed.

During the last twenty years I have been involved in the development of various operative techniques and implants.

The evolution of arthroscopic techniques in foot and ankle surgery has been an exercise which has reduced the complication rates and length of stay for a wide variety of major ankle and foot surgery.

I have been the major innovator in the re-design of an ankle replacement which is showing signs of being more consistent and reproducible in terms of implantation and survivorship.

In combination with others I have been involved in projects to design an implant, a hindfoot nail to stabilise and fuse the ankle and subtalar joint simultaneously.

As part of the AO Foot and Ankle Expert Group we were given the AO Innovation Award for 2012.

We have on going projects as follows.

With collaboration from the Anatomy dept. We have been looking at basic science projects looking at the mechanical characteristics of Achilles Tendon and other hindfoot tendons. We have been establishing new surgical approaches in arthroscopic techniques. We have been demonstrating changes in the ranges of movement of the ankle and subtalar joint with pathological models.

We are undertaking a prospective multicentre trial of the Zenith Ankle Replacement. We are undertaking validation studies of PROMS in foot and ankle surgery. In particular we are doing studies into the validity of an established score in different languages, this is collaboration with colleagues in Colombia, Germany and Sweden. We are undertaking a Multicenter randomised control trial of two different methods of fusion of the tarsometatarsal joint.

In addition I have been involved in discussions with UWE and Worcester University in looking at the Kinetics of the ankle which have not been well described. This project is looking for significant funding at present.

RESEARCH FUNDING OBTAINED

At present the funding available includes

- 1) Full funding for a prospective study of the Zenith Ankle Replacement
- 2) 700,000 Swiss francs For a RCT of two methods of fixation of tarso metatarsal fusions

- 3) 100,000 Swiss Francs for a validation study of F&A PROMS
- 4) Small bodies of funding for studies looking at the stability of ankle and subtalar fusions.