



Curriculum Vitae

Professor Mohamed Baguneid

MD MB ChB FRCS MBA

March 2021

CURRICULUM VITAE

Name	Mohamed Baguneid								
Nationality	UK								
Appointments	<p><i>Clinical:</i> Consultant Vascular and Endovascular Surgeon, SEHA, UAE (2016 – Present)</p> <p><i>Educational:</i> PGCert Medical and Health Education: Teaching Faculty (2020 – Present)</p> <p>CCrISP Course Instructor (2019 – Present)</p> <p>MRCS & Alpine FRCS Course Co-Founder (2005 – Present)</p> <p><i>Leadership:</i> Clinical Lead, SEHA Transformation Team (2020 – Present)</p> <p><i>Academic:</i> Honorary Professor, University of Salford, Manchester (2009 – Present)</p> <p>Honorary Senior Lecturer, University of Manchester (2009 – Present)</p> <p>Adjunct Professor, College of Medicine, UAE University (2018 – Present)</p>								
Education	<table><tr><td>Shrewsbury School, Shrewsbury</td><td>1985 – 1988</td></tr><tr><td>Univ. of Manchester (Medical School)</td><td>1988 – 1993</td></tr><tr><td>Univ. of Manchester (MD Thesis)</td><td>1998 – 2000</td></tr><tr><td>Univ. of Manchester (MBA Programme)</td><td>2016 – 2018</td></tr></table>	Shrewsbury School, Shrewsbury	1985 – 1988	Univ. of Manchester (Medical School)	1988 – 1993	Univ. of Manchester (MD Thesis)	1998 – 2000	Univ. of Manchester (MBA Programme)	2016 – 2018
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Univ. of Manchester (Medical School)	1988 – 1993								
Univ. of Manchester (MD Thesis)	1998 – 2000								
Univ. of Manchester (MBA Programme)	2016 – 2018								
Higher Qualifications	<p>MB ChB (Manchester, 1993)</p> <p>FRCS (Ed) 1997, FRCS (Gen Surg) 2005</p> <p>MD (Manchester, 2009)</p> <p>MBA (Manchester, 2018)</p>								
GMC Registration	4034999 (Active License to Practice)								
DoH License	GD 15366								

BIOGRAPHY

With over 25 years of clinical experience, I grew a large tertiary care practice in vascular surgery in Greater Manchester and more recently developed vascular services and a vascular network in Abu Dhabi, UAE.

Clinical: Since my appointment as a consultant vascular surgeon at University Hospital South Manchester NHS Foundation Trust (UHSM) in 2006, I had one of the largest practices in UK for abdominal aortic aneurysms with around 60% of cases being treated by endovascular means. I had a particular interest in managing complex aortic repair and oncovascular surgery supporting the regional surgical oncology teams including the Christie Hospital with large retroperitoneal tumour resections. I also provided a busy carotid endarterectomy service to the regional stroke unit. I was an early adopter of endovenous ablation therapy in the North West and set up a regional endovenous ablation service in 2006. In addition to mainstream vascular services, I developed an interest in trans-axillary 1st rib resections and endoscopic thoracic sympathectomy. Over the past 5 years, I have been busy establishing vascular and endovascular services across the government healthcare sector of Abu Dhabi and leading an emirate-wide network to enhance the quality of vascular services. In addition to providing mainstream vascular surgery in Abu Dhabi, I have recruited many team members including podiatrists and vascular ultra-sonographers to focus on the regional vascular health needs including diabetic foot disease, vascular access and vascular trauma.

Educational: I enjoy and strongly believe in developing high quality educational programmes. As a surgical trainee in 2002 and during my 3 year tenure as the Association of Surgeons in Training (ASiT) treasurer, I set up national MRCS Viva courses. On becoming a consultant, I continued providing MRCS courses and subsequently FRCS Courses (Alpine FRCS) which have grown in popularity. In 2007, I was appointed by the North West (NW) deanery as the chair of the academic foundation training programme and developed a bespoke teaching programme for the new group of trainees. In 2009, as NW deanery Core Surgical Training (CST) teaching programme lead, I centralised and redesigned teaching across the region and shortly after, I set up a Master's programme in Surgical Practice with University of Salford, Manchester. As the demand for speciality focussed educational teaching grew, I developed the North West vascular teaching programme in 2014 and later incorporated this into a Masters Programme in Vascular Surgery in 2015. Since moving to UAE, I have maintained an active teaching role in the College of Medicine and Health Sciences, UAE University and core faculty in the regional AGCME accredited (Accreditation Council for Graduate Medical Education) residency programme. More recently, I facilitated a Memorandum of Understanding (MOU) between Abu Dhabi Healthcare Sector (SEHA) and University of Manchester (UoM) to fund and provide a PGCert Medical and Health Education to their healthcare graduates. As a member of UoM teaching faculty, I also support other UoM educational ventures within the region. I secured annual funding and chair vascular disease awareness conferences (www.sehavasculardisease.com) and national SEHA trauma conference (www.sehatrauma.com).

Academic: I consider evidence-based clinical practice integral to developing and maintaining world class services. I developed my research academic interest as a research fellow working on my MD Thesis in Tissue-engineering and have published over 100 articles (61 of which are original papers and reviews) in peer reviewed journals. I am editor of both the Oxford Handbook of Key Clinical Evidence and Oxford handbook of Surgical Guidelines.

Leadership: Since becoming a consultant, I have held many senior clinical leadership and service transformation roles in UK and more recently in UAE. I was clinical director of vascular surgery in 2009 and implemented new clinical services and helped with the development of the Vascular Society of Great Britain and Ireland's document "*The Provision of Services for Patients with Vascular Disease 2012*" which guided the reconfiguration of regional vascular services in Greater Manchester. I was appointed deputy medical director of strategy at UHSM in 2012 at a time when major trauma centres in Greater Manchester were being reviewed as well as many specialised services. Following a short sabbatical to UAE to develop vascular services, I returned to Greater Manchester in 2014 as Medical Director of a large service transformation programme involving 4 regional acute hospitals. I strengthened my practical experience in healthcare leadership over the past 5 years by completing a Global master's in business administration (MBA) through the University of Manchester and was awarded a MBA with merit in 2018. In 2016, I was appointed to the role of chair of surgery within SEHA, a large government acute hospital network in Abu Dhabi Emirate and more recently as clinical lead for SEHA Transformation Programme. SEHA is UAEs largest governmental healthcare network with 13 hospitals and 46 primary and ambulatory healthcare clinics. It employs over 17,000 staff including over 3400 physicians. I am currently leading a corporate taskforce for developing and implementing, de-novo, a consultant job planning policy and leading a SEHA wide transformation project to radically change how surgical services are delivered across the entire sector as part of the surgical excellence taskforce.

CLINICAL APPOINTMENTS

Jan 2016 – Present	Consultant Vascular and Endovascular Surgeon Al Ain Region, SEHA, Abu Dhabi, UAE
July 2014 – Jan 2016	Consultant Vascular and Endovascular Surgeon, University Hospital South Manchester NHS Foundation Trust Medical Director South Sector Partnership (UHSM, Stockport, Tameside, Macclesfield)
Jan 2013 – July 2014 (Sabbatical)	Consultant Vascular and Endovascular Surgeon Mafraq Hospital, SEHA, Abu Dhabi, UAE
Apr 2006 – Jan 2013	Consultant Vascular and Endovascular Surgeon, University Hospital South Manchester NHS Foundation Trust

EDUCATIONAL ROLES

2020 – Present	PGCert Medical and Health Education: Univ. Manchester Teaching Faculty
2019 – Present	RCSEng CCrISP Course Instructor
2005 – Present	MRCS & Alpine FRCS Course Co-Founder
2016 – 2020	Core Faculty, AGCME General Surgery Residency Programme
2016 – 2019	Programme lead MSc Vascular Surgery, University of Salford
2014 – 2015	North West Vascular Registrar Teaching Programme
2011 – 2019	Vascular Trauma & Skills Courses, Riyadh, KSA
2010 – 2013	Council member Manchester Medical Society
2010 – 2012	Tools for Surgical Consultant Course (Manchester Medical Society)
2009 – 2012	Masters in Surgical Practice, Programme Director
2009 – 2013	Core Surgical Education Lead (North West Deanery)
2007 – 2010	Chair of the academic foundation steering group
2007 – 2009	Royal College of Surgeons Tutor for UHSM
2006 – 2010	Academic Foundation Programme Director (UHSM)
2006 – 2009	Research Tools Course for clinicians
2006 – 2015	Vascular study days for healthcare professionals (Manchester)

LEADERSHIP APPOINTMENTS

July 2020 – Present	Clinical Lead, SEHA Transformation Team
Mar 2020 – Sept 2020	Clinical Operational Lead Covid-19 Delta Group (Transforming 3 facilities into Covid Isolation Units)
2019 - 2020	Clinical Lead SEHA Emergency Surgical Network SEHA, Abu Dhabi, UAE
2016 – 2020	Chair of Surgical Institute Al Ain Hospital, SEHA, Abu Dhabi, UAE
2014 – 2015	Medical Director of South Sector Partnership South Manchester and East Cheshire Region
2013 – 2014	Chief of Vascular and General Surgery Mafraq Hospital, SEHA, Abu Dhabi, UAE
2012 - 2013	Deputy Medical Director (Clinical Strategy) University Hospital South Manchester NHS Foundation Trust
2009 – 2012	Clinical Director/ Speciality lead for Vascular Surgery University Hospital South Manchester NHS Foundation Trust
2006 – 2009	Clinical Governance Lead for Vascular Surgery University Hospital South Manchester NHS Foundation Trust
2001 – 2006	Association of Surgeons in Training (ASiT) Executive Council

ACADEMIC ACHIEVEMENTS

At a Glance:	
H-Index	22
RG Score	37.34
Book Editor	5
Book Chapters	3
Society publications	2
Original articles & Reviews	62
Published abstracts	50
Presentations	>100
Funding to date	£825,000

BOOK EDITOR

1. The Oxford Handbook of Key Clinical Evidence. Eds Harrison, Kulkarni, **Baguneid**, Prendergast. Oxford University Press, Oxford. (2nd Edition)
2. Current Surgical Guidelines. Eds **Baguneid**, Jibawi, Bhowmick, Oxford University Press, Oxford. (2nd Edition)
3. Association of Surgeons in Training Yearbook Editor (2002, 2003, 2004) Rowan Group, London

BOOK CHAPTER

1. MS Baguneid and MG Walker. Upper limb ischaemia. In: *Essential Surgical Practice Vol 2*. Eds. A. Cuschieri, RJC Steele, AR Moossa. Butterworths Heinemann, Oxford.
2. MS Baguneid and JV Smyth. Vascular Surgery emergencies. In: *General Surgical Emergencies*. Ed. J Hill. Remedica Publishing Ltd, London.
3. V Perricone and M Baguneid. Evidence for vascular Surgery. In: The Oxford Handbook of Key Clinical Evidence. Eds Harrison, Kulkarni, Baguneid, Prendergast. Oxford University Press, Oxford.

COLLEGE/ SOCIETY PUBLICATIONS

1. MS Baguneid. Surgical Portfolio. In: Guide to Good RITA in Surgery 2003. Eds Denis Wilkins, David Galloway, Janet Grant, London (Contributor)
2. Vascular Society of Great Britain and Ireland, 2012. The Provision of Services for Patients with Vascular Disease. (Contributor)

PEER REVIEWED PUBLICATIONS

1. **Baguneid MS**, Sochart DH, Dunlop D, Kenny NW. Carpal tunnel decompression under local anaesthetic and tourniquet control. *Journal Of Hand Surgery* 1997;**22B**(3): 322-324.
2. Welch M, **Baguneid MS**, McMahon RF, Dodd PDF, Fulford PE, Griffiths GD, Walker MG. Histological study of colonic ischaemia after aortic surgery. *Br J Surg* 1998;**85**:1095-1098
3. **Baguneid MS**, Dodd PDF, Fulford PE, Hadjilucas Y, Bukhari M, Griffiths GD, Chalmers N, Walker MG. Management of acute nontraumatic upper limb ischemia. *Angiology* 1999;**50**:715-720.
4. **Baguneid MS**, Fulford PE, Walker MG. Cardiovascular surgery in the elderly. *J R Coll Surg Edinb* 1999;**44**:216-221.
5. **Baguneid MS**, Walker MG. Biomaterials Challenge: Monitoring Endoleaks- a dilemma of endoluminal abdominal aortic aneurysm repair. *Action for Biomaterials*. 2000;**4**:10.
6. **Baguneid MS**, Walker MG. Pursuit of a tissue-engineered small diameter vascular graft. (*ASIT Yearbook* 2001: 53-57)
7. **Baguneid MS**, Welch M, Bukhari M, Fulford PE, Howe M, Bigley G, Eddleston J, McMahon RFT, Walker MG. A randomized study to evaluate the effect of a perioperative infusion of dopexamine on colonic mucosal ischaemia after aortic surgery. *J Vasc Surg* 2001; **33**: 758-63
8. **Baguneid MS**, Goldner S, Fulford PE, Hamilton G, Walker MG, Seifalian A. A comparison of para-anastomotic compliance profiles after vascular anastomosis: Nonpenetrating clips versus standard sutures. *J Vasc Surg* 2001; **33**: 812-20
9. Fulford PE, **Baguneid MS**, R Ibrahim, Schady W, Walker MG. Outcome of trans-axillary rib resection for thoracic outlet syndrome – a 10 year experience. *J Cardiovasc Surgery* 2001; **9**:620-624
10. Karkos CD, Thomson GJ, Hughes R, Joshi M, **Baguneid MS**, Hill JC *et al*. Prediction of cardiac risk prior to elective abdominal aortic surgery: role of multiple gated acquisition scan. *World J.Surg*. 2003;**27**:1085-92.
11. Karkos CD, Wood A, Bruce IA, Karkos PD, **Baguneid MS**, Lambert ME. Erectile dysfunction after open versus angioplasty aortoiliac procedures: a questionnaire survey. *Vasc.Endovascular.Surg*. 2004;**38**:157-65
12. Karkos CD, **Baguneid MS**, Triposkiadis F, Athanasiou E, Spirou P. Routine measurement of radioisotope left ventricular ejection fraction prior to vascular surgery: is it worthwhile? *Eur.J.Vasc.Endovasc.Surg*. 2004;**27**:227-38
13. **Baguneid M**, Murray D, Salacinski HJ, Fuller B, Hamilton G, Walker M, Seifalian A. Shear-stress preconditioning and tissue-engineering-based paradigms for generating arterial substitutes. *Biotechnol.Appl.Biochem*. 2004;**39**:151-7.
14. Murray D, Ghosh J, Khwaja N, Murphy M, **Baguneid M**, Walker MG. Staged open and endovascular repair of thoracoabdominal aneurysms using the common carotid artery. *Ann Vasc Surg*. 2005;**19**(1):103-7

15. Sheen A, **Baguneid MS**, Ellenbogen S, Walker MG, Siriwardena AK. Sequential endovascular repair and pancreaticoduodenectomy for abdominal aortic aneurysm co-presenting with peri-ampullary cancer. *Ann Vasc Surg*. 2006;**20**(1):114-6
16. Ghosh J, **Baguneid M**, Khawaja N, Murphy M, Turner N, Halka A, Ferguson M, Kielty C, Walker MG. Reduction of myointimal hyperplasia after arterial anastomosis by local injection of transforming growth factor β 3. *J Vasc Surg* 2006;**43**:142-9
17. **Baguneid MS**, Seifalian AM, Salacinski H, Murray D, Hamilton G, Walker MG. Tissue-engineering of blood vessels. *Brit J Surg* 2006;**93**(3):282-90
18. Murray D, Ghosh J, Khwaja N, Murphy M, **Baguneid M**, Walker MG. Access for Endovascular Aneurysm Repair. *Endovasc Ther* 2006;**13**:754–761
19. Li C, Mollahan P, **Baguneid MS**, McMahon RF, Kumar P, Walker MG, Freemont AJ, Kumar S. A comparative study of neovascularisation in atherosclerotic plaques using CD31, CD105 and TGF beta 1. *Pathobiology*. 2006;**73**(4):192-7
20. Ghosh J, **Baguneid MS**. Regarding "Outcome of Endovenous Laser Therapy for Saphenous Reflux and Varicose Veins: Medium-Term Results Assessed by Ultrasound Surveillance". *Eur J Vasc Endovasc Surg*. 2009; **39**(4): 499
21. Ghosh J, Ashleigh R, **Baguneid M**. Use of an extracorporeal femoral-carotid shunt in the management of complex supra-aortic disease. *Eur J Vasc Endovasc Surg* 2009;**38**(6):755-7
22. Ghosh J, Kordowicz A, Kadir, I, **Baguneid M**. A single centre experience of simultaneous open abdominal aortic aneurysm and cardiac surgery. *Interact Cardiovasc Thorac Surg*. 2010;**10**(1):63-6
23. Kordowicz A, Ghosh J, **Baguneid M**. Abdominal aortic aneurysms in triplets. *Vasc Endovascular Surg* 2010;**44**(3):232-3.
24. Thomas AN, Riazanskaia S, Cheung W, Xu Y, Goodacre R, Thomas CLS, **Baguneid M**, Bayat A. Novel noninvasive identification of biomarkers by analytical profiling of chronic wounds using volatile organic compounds. *Wound Repair Regen* 2010;**18**(4):391-400
25. Foster J, Ghosh J, **Baguneid M**. In patients with ruptured abdominal aortic aneurysm does endovascular repair improve 30-day mortality? *Interact Cardiovasc Thorac Surg* 2010;**10**(4):611-9.
26. **Baguneid M**, de Mel A, Yildirimer L, Fuller BJ, Hamilton G, Seifalian AM. In vivo study of a model tissue-engineered small-diameter vascular bypass graft. *Biotechnology and applied biochemistry* 2011;**58**(1):14-24.
27. Grant SW, Grayson AD, Purkayastha D, Wilson SD, McCollum C; participants in the Vascular Governance North West Programme. Logistic risk model for mortality following elective abdominal aortic aneurysm repair. *Br J Surg*. 2011 May;**98**(5):652-8
28. Ghosh J, Bhowmick A, **Baguneid M**. Oncovascular Surgery. *Eur J Surg Oncol*. 2011 Dec; **37**(12):1017-24

29. Shih B, Sultan MJ, Chaudhry IH, Tan KT, Johal KS, Marstan A, Tsai M, **Baguneid M**, Bayat A. Identification of biomarkers in sequential biopsies of patients with chronic wounds receiving simultaneous acute wounds: a genetic, histological, and noninvasive imaging study. *Wound Repair Regen*. 2012 Sep-Oct;20(5):757-69
30. Greaves NS, Iqbal SA, **Baguneid M**, Bayat A. The role of skin substitutes in chronic cutaneous wounds. *Wound Repair Regen* 2013; 21: 194-210.
31. Khanbhai M, Ghosh J, Ashleigh R, **Baguneid M**. Type B aortic dissection after standard endovascular repair of abdominal aortic aneurysm. *BMJ Case Rep*. 2013 May 9;2013
32. Tod L, Ghosh J, Lieberman I, **Baguneid M**. Non-surgical management of superior mesenteric artery thrombosis using spinal cord stimulation. *BMJ Case Rep*. 2013 Aug 5;2013. doi:pii: bcr2013009595. 10.1136/bcr-2013-009595. PMID: 23917358
33. Greaves NS, Ashcroft KJ, **Baguneid M**, Bayat A. Current understanding of molecular and cellular mechanisms in fibroplasia and angiogenesis during acute wound healing. *Journal of Dermatological Sciences* 2013 Jul 30.
34. Greaves NS, Benatar B, **Baguneid M**, Bayat A. Single-stage application of a Novel Decellularised Dermis for treatment-resistant lower limb ulcers: positive outcomes measured by siascopy, laser perfusion and 3-D imaging, with sequential timed histological analysis. *Wound Repair and Regeneration* 2013 Oct 17. doi: 10.1111/wrr.12113.
35. Greaves NS, Benatar B, Whiteside S, Alonso-Rasgado T, **Baguneid M**, Bayat A. Optical coherence tomography: a reliable alternative to invasive histological assessment of acute wound healing in human skin? *Br J Dermatol*. 2013 Dec 16. doi: 10.1111/bjd.12786.
36. Bassetti M, **Baguneid M**, Bouza E, Dryden M, Nathwani D, Wilcox M. European perspective and update on the management of complicated skin and soft tissue infections due to methicillin-resistant *Staphylococcus aureus* after more than 10 years of experience with linezolid. *Clin Microbiol Infect*. 2014 Apr;20 Suppl 4:3-18. doi: 10.1111/1469-0691.12463
37. Greaves NS, Morris J, Benatar B, Alonso-Rasgado T, **Baguneid M**, Bayat A. Acute Cutaneous Wounds Treated with Human Decellularised Dermis Show Enhanced Angiogenesis during Healing. *PLoS One*. 2015 Jan 20;10(1):e0113209. doi: 10.1371/journal.pone.0113209. eCollection 2015. PMID: 25602294
38. Rees PA, Greaves NS, **Baguneid M**, Bayat A. Chemokines in Wound Healing and as Potential Therapeutic Targets for Reducing Cutaneous Scarring. *Adv Wound Care (New Rochelle)*. 2015 Nov 1;4(11):687-703. Review. PMID: 26543682
39. Dryden M, **Baguneid M**, Eckmann C, Corman S, Stephens J, Solem C, Li J, Charbonneau C, Baillon-Plot N, Haider S. Pathophysiology and burden of infection in patients with diabetes mellitus and peripheral vascular disease: focus on skin and soft-tissue infections. *Clin Microbiol Infect*. 2015 Sep;21 Suppl 2:S27-32. Epub 2015 Jul 18. PMID: 26198368
40. Ud-Din S, Greaves NS, Sebastian A, **Baguneid M**, Bayat A. Noninvasive device readouts validated by immunohistochemical analysis enable objective quantitative assessment of acute wound healing in human skin. *Wound Repair Regen*. 2015 Nov 12;23(6):901-14. Epub 2015 Nov 4.

41. Greaves NS, Iqbal SA, Hodgkinson T, Morris J, Benatar B, Alonso-Rasgado T, **Baguneid M**, Bayat A. Skin substitute-assisted repair shows reduced dermal fibrosis in acute human wounds validated simultaneously by histology and optical coherence tomography. *Wound Repair Regen*. 2015 Jul-Aug;23(4):483-94. Epub 2015 Jul 31. PMID: 26053202
42. Ud-Din S, Sebastian A, Giddings P, Colthurst J, Whiteside S, Morris J, Nuccitelli R, Pullar C, **Baguneid M**, Bayat A. Angiogenesis is induced and wound size is reduced by electrical stimulation in an acute wound healing model in human skin. *PLoS One*. 2015 Apr 30;10(4):e0124502. eCollection 2015. PMID: 25928356
43. Dryden M, Andrasevic AT, Bassetti M, Bouza E, Chastre J, **Baguneid M**, Esposito S, Giamarellou H, Gyssens I, Nathwani D, Unal S, Voss A, Wilcox M. Managing skin and soft-tissue infection and nosocomial pneumonia caused by MRSA: a 2014 follow-up survey. *Int J Antimicrob Agents*. 2015 Apr 24;45 Suppl 1:S1-14. PMID: 25867210
44. Ashrafi M, Alonso-Rasgado T, **Baguneid M**, Bayat A. The efficacy of electrical stimulation in experimentally induced cutaneous wounds in animals. *Vet Dermatol*. 2016 May 18. doi: 10.1111/vde.12328. Review.
45. Ashrafi M, Al-Jarrah Q, Anandarajah M, Ashleigh R, Welch M, **Baguneid M**. Single-Center Experience Following the Introduction of a Percutaneous Endovascular Aneurysm Repair First Approach. *Angiology*. 2016 May 13. pii: 0003319716646681.
46. Street E, Ashrafi M, Greaves N, Gouldsborough I, **Baguneid M**. Anatomic Variation of Rami Communicantes in the Upper Thoracic Sympathetic Chain: A Human Cadaveric Study. *Ann Vasc Surg*. 2016 Apr 23. pii: S0890-5096(16)30168-6. doi: 10.1016/j.avsg.2016.04.001.
47. Ashrafi M, **Baguneid M**, Bayat A. The Role of Neuromediators and Innervation in Cutaneous Wound Healing. *Acta Derm Venereol*. 2016 Jun 15;96(5):587-94.
48. Rees PA, Greaves NS, **Baguneid M**, Bayat A. Chemokines in Wound Healing and as Potential Therapeutic Targets for Reducing Cutaneous Scarring. *Adv Wound Care (New Rochelle)*. 2015 Nov 1;4(11):687-703. Review.
49. Lyons OT, **Baguneid M**, Barwick TD, Bell RE, Foster N, Homer-Vanniasinkam S, Hopkins S, Hussain A, Katsanos K, Modarai B, Sandoe JA, Thomas S, Price NM. Diagnosis of Aortic Graft Infection: A Case Definition by the Management of Aortic Graft Infection Collaboration (MAGIC). *Eur J Vasc Endovasc Surg*. 2016 Dec;52(6):758-763
50. Ashrafi M, Alonso-Rasgado T, **Baguneid M**, Bayat A. The efficacy of electrical stimulation in lower extremity cutaneous wound healing: a systematic review. *Exp Dermatol*. 2016 Aug 30.
51. Ashrafi, M., Sebastian, A., Shih, B., Greaves, N., Alonso-Rasgado, T., **Baguneid, M.** and Bayat, A., 2016. Whole genome microarray data of chronic wound debridement prior to application of dermal skin substitutes. *Wound Repair and Regeneration*, 24(5), pp.870-875.
52. Ashrafi M, Salvadi R, Foden P, Thomas S, **Baguneid M**. Pre-operative predictors of poor outcomes in patients undergoing surgical lower extremity revascularisation - Retrospective cohort study. *Int J Surg*. 2017 May;41:91-96. Epub 2017 Mar 23.

53. Ashrafi M, **Baguneid M**, Alonso-Rasgado T, Rautemaa-Richardson R, Bayat A. Cutaneous wound biofilm and the potential for electrical stimulation in management of the microbiome. *Future Microbiol.* 2017 Mar;12:337-357. Epub 2017 Mar 3. Review.
54. Ashrafi M, Bates M, **Baguneid M**, Alonso-Rasgado T, Rautemaa-Richardson R, Bayat A. Volatile organic compound detection as a potential means of diagnosing cutaneous wound infections. *Wound Repair Regen.* 2017 Jul 20.
55. Ashrafi M, Novak-Frazer L, Bates M, **Baguneid M**, Alonso-Rasgado T, Xia G, Rautemaa-Richardson R, Bayat A. Validation of biofilm formation on human skin wound models and demonstration of clinically translatable bacteria-specific volatile signatures. *Sci Rep.* 2018 Jun 21;8(1):9431
56. Ud-Din S, Foden P, Stocking K, Mazhari M, Al-Habba S, **Baguneid M**, McGeorge D, Bayat A. Objective assessment of dermal fibrosis in cutaneous scarring: using optical coherence tomography, high frequency ultrasound and immuno-histo-morphometry of human skin. *Br J Dermatol.* 2019 Feb 6. doi: 10.1111/bjd.17739.
57. Ashrafi M, Novak-Frazer L, Morris J, **Baguneid M**, Rautemaa-Richardson R, Bayat A. Electrical stimulation disrupts biofilms in a human wound model and reveals the potential for monitoring treatment response with volatile biomarkers. *Wound Repair Regen.* 2019 Jan;27(1):5-18. Epub 2018 Nov 21.
58. Ud-Din S, Foden P, Mazhari M, Al-Habba S, **Baguneid M**, Bulfone-Paus S, McGeorge D, Bayat A. A Double-Blind, Randomized Trial Shows the Role of Zonal Priming and Direct Topical Application of Epigallocatechin-3-Gallate in the Modulation of Cutaneous Scarring in Human Skin. *J Invest Dermatol.* 2019 Feb 26. pii: S0022-202X(19)30134-4. doi: 10.1016/j.jid.2019.01.030. [Epub ahead of print]. PMID: 30822414
59. Basson R, **Baguneid M**, Foden P, Al Kredly R, Bayat A. Functional Testing of a Skin Topical Formulation In Vivo: Objective and Quantitative Evaluation in Human Skin Scarring Using a Double-Blind Volunteer Study with Sequential Punch Biopsies. *Adv Wound Care (New Rochelle).* 2019 May 1;8(5):208-219. doi: 10.1089/wound.2018.0864. Epub 2019 May 3.
60. Ashrafi M, Xu Y, Muhamadali H, White I, Wilkinson M, Hollywood K, **Baguneid M**, Goodacre R, Bayat A. A microbiome and metabolomic signature of phases of cutaneous healing identified by profiling sequential acute wounds of human skin: An exploratory study. *PLoS One.* 2020 Feb 27;15(2):e0229545. doi: 10.1371/journal.pone.0229545. eCollection 2020.
61. Basson R, Lima C, Muhamadali H, Li W, Hollywood K, Li L, **Baguneid M**, Al Kredly R, Goodacre R, Bayat A. Assessment of transdermal delivery of topical compounds in skin scarring using a novel combined approach of Raman spectroscopy and HPLC. *Adv Wound Care (New Rochelle).* 2020.
62. A Abdullah, R Al Kredly, **M Baguneid**. Efficacy of Topical Formulations in Healing of Caesarean Scars Using Non Invasive Devices: A Controlled Trial, *Applied Drug Research, Clinical Trials and Regulatory Affairs* (2021) 8: 1. <https://doi.org/10.2174/2213476X07999201228111027>

PUBLISHED ABSTRACTS

1. **Baguneid MS**, Scott DJA, Nevelsteen A, Walker MG. Percutaneous endoluminal grafting for femoro-popliteal disease: A feasibility study. *Br J Surg* 1998; **85** (suppl): 63-64
2. Welch M, **Baguneid MS**, McMahon RF, Dodd PDF, Fulford PE, Griffiths GD, Walker MG (1998). Colonoscopy with biopsy after aortic surgery: A unique study of the incidence of colonic ischaemia. *Br J Surg* 1998; **85** (suppl): 64
3. Dodd PDF, Fitzgerald JB, **Baguneid MS**, Fulford PE, Chalmers N, Walker MG. Renal artery stenosis: The significance of its incidental finding on peripheral angiography. *Br J Surg* 1998; **85** (suppl): 17
4. Cheetham ED, Dodd PDF, Gurnani L, **Baguneid MS**, Eddleston J, Walker MG. The effects of dopexamine on renal function in surgical renal artery reconstruction: a pilot study. *Crit Care* 1998, **2** (suppl): 69-70
5. Gilpin C, **Baguneid MS**. Environmental SEM in a multi-user Biological Sciences E.M. Unit. *Microscopy & Microanalysis* 1999, **5** (suppl):
6. **Baguneid MS**, Bukhari M, Fulford PE, Howe M, Bigley G, McMahon RFT, Eddleston J, Walker MG. Dopexamine reduces the incidence of colonic ischaemia following aortic surgery: a randomized placebo-controlled study. *Crit Care* 1999, **3** (suppl): 82
7. **Baguneid MS**, Fulford PE, Bukhari M, Rodway D, Walker MG. A ward-based digital imaging system: its application in a vascular unit. *J R Coll Surg Edinb* 1999; **44:333**.
8. Fulford PE, **Baguneid MS**, Bukhari M, Griffiths GD, Walker MG. The surgical management of co-existing disease of the carotid and coronary arteries. *J R Coll Surg Edinb* 1999; **44:328**.
9. **Baguneid MS**, Fulford PE, Bukhari M, Gough V, Chalmers N, Scoccianti M, Walker MG. Intravascular ultrasound is useful in endovascular abdominal aortic repair. *Br J Surg* 1999; **86** (suppl): 63
10. **Baguneid MS**, Welch M, Bukhari M, Fulford PE, Howe M, Bigley G, McMahon RFT, Eddleston J, Walker MG. Randomized double-blind study of dopexamine versus placebo in aortic surgery. *Br J Surg* 1999; **86**(5): 698
11. **MS Baguneid**, I Lunnon, P Mollahan, S Carroll, PE Fulford, GA Davies, MG Walker. Automated isolation and seeding of pure microvascular endothelial cells onto small diameter vascular grafts: A feasible intraoperative approach. *Cardiovascular Pathology* 2000; **9**(4): 225
12. S Goldner, A Seifalian, **MS Baguneid**, B Fuller, G Barden, K Cheetham, N Masood, MG Walker, G Hamilton. Effect of preconditioning living vascular graft matrices *Cardiovascular Pathology* 2000; **9**(4): 224
13. **MS Baguneid**, A Seifalian, GA Davies, G Hamilton, MG Walker. The development of a tissue-engineered small diameter vascular graft. *Cardiovascular Pathology* 2000; **9**(4): 225
14. S Carroll, **MS Baguneid**, P Mollahan, MG Walker. The use of marked endothelial cells to study luminal seeding of a small diameter vascular graft. *Cardiovascular Pathology* 2000; **9**(4): 226
15. **MS Baguneid**, S Goldner, PE Fulford, G Hamilton, MG Walker, A Seifalian Improved peri-anastomotic compliance using non-penetrating clips *International Angiology* 2000; **19**(1): 105

16. PE Fulford, **MS Baguneid**, W Schady, MG Walker. Trans-axillary rib resection for thoracic outlet syndrome: A 10 year experience. *International Angiology*. 2000; **19**(1): 35
17. **MS Baguneid**, A Seifalian, A Davies, G Hamilton, MG Walker. Tissue-engineering of a small diameter vascular graft. *International Angiology* 2000; **19**(1): 49
18. Fulford PE, **Baguneid MS**, Schady W, Walker MG. Transaxillary rib resection for thoracic outlet syndrome. *Br J Surg* 2000; **87**(suppl): 86
19. **Baguneid MS**, Seifalian A, Hamilton G, Walker MG. Development of a tissue-engineered small diameter vascular graft. *Br J Surg* 2000; **87**(suppl): 87
20. **MS Baguneid**, A Seifalian, A Davies, G Hamilton, MG Walker. Tissue-engineering of a small diameter vascular graft. *Cardiovascular Surgery* 2000; **8**(1): 76
21. **MS Baguneid**, S Goldner, PE Fulford, G Hamilton, MG Walker, A Seifalian Improved peri-anastomotic compliance using non-penetrating clips. *Cardiovascular Surgery* 2000; **8** (1): 55
22. **Baguneid MS**, Seifalian A, Hamilton G, Walker MG. Effect of pulsatile flow on the development of a tissue-engineered vascular graft. *Artif Organs* 2001; **25**(10): 831
23. **Baguneid MS**, Lunnon I, Turner N, Ibrahim R, Murray D, Walker MG Automated isolation and seeding of pure microvascular endothelial cells onto small diameter vascular grafts *Artif Organs* 2001; **25**(10): 831
24. Ghosh J, Murray D, Howarth V, **Baguneid M**, Byers R, Eddleston J, Walker MG. A comparison of early ischaemic colonic injury during conventional and endoluminal aortic surgery. *Brit J Surg* 2003; **90**(1): 37–41
25. J Ghosh, **MS Baguneid**, MW Ferguson, CM Kielty, MG Walker. Attenuation of Post-Anastomotic Smooth Muscle Cell Proliferation Using Transforming Growth Factor β 3. *Br J Surg*.2004; **91** (10), Suppl.1:
26. Murphy MO, Ghosh J, **Baguneid MS**, Khwaja N, Halka AT, Turner N, Kielty CM, Ferguson MW, Walker MG. In vivo attenuation of myointimal hyperplasia using transforming growth factor beta 3 in an interposition graft model. *Tissue Engineering*. 2005
27. J. Ghosh, **M. S. Baguneid**, N. Khwaja, M. O. Murphy, N. Turner, M. W. Ferguson, C. M. Kielty and M. G. Walker Attenuation of post-anastomotic smooth muscle cell proliferation using transforming growth factor β 3: an *in vivo* study. *Brit J Surg* 2005; **92**: 498–513
28. Miranda CJ, Bayat A, **Baguneid M**. The use of high sensitivity CRP and Adiponectin as biomarkers following endovascular revascularisation for lower limb peripheral vascular disease. *Interact Cardiovasc Thorac Surg* 2008; **7**: S1-S138, V7-22
29. Thomas A, Cheung W, Riazanskaia S, Thomas P, **Baguneid M**, Bayat A. Chemical profiling of vascular ulcers by detection of volatile organic compounds using a novel gas chromatography-ion trap mass spectrometry and chromatographic visualisation. *Interact Cardiovasc Thorac Surg* 2008; **7**: S1-S138, VP70
30. Sekhar H, Hassan I, **Baguneid M**. Prevalence and risks associated with MRSA on a vascular unit. ASiT Conference 2009

31. Ghosh J, Kadir I, **Baguneid M**. A single centre experience of simultaneous open abdominal aortic aneurysm and cardiac surgery. *Interact Cardiovasc Thorac Surg* 2009; **8**: S1-S121
32. Westwood V, **Baguneid M**. The impact of introducing an endovenous laser service on hospital daycase rates and patient satisfaction. *Interact Cardiovasc Thorac Surg* 2009; **8**: S1-S121
33. Butt U, Sahu A, **Baguneid M**, Johnson DS. Arterial Injury during arthroplasty of an anatomically distorted knee. *EFORT*. 2009
34. Awwad A, Heagerty A, **Baguneid M**, McCollum C. ACE Inhibitors (ACE-I) and Angiotensin-II Receptor Blockers (ARB) in Abdominal Aortic Aneurysms (AAA): Analysis of Survival Rates. *Brit J Surg* 2009; **96**(2):11 O36
35. D. Purkayastha, C. McCollum (on behalf of all **VGNW participants**). An Assessment of Peri-Operative Risk in Patients Undergoing Open Elective Abdominal Aortic Aneurysm Repair. *Brit J Surg* 2009; **96**(2):11 O38
36. AN Thomas, S Riazanskaia, W Cheung, Y Xu, R Goodacre, C Thomas, **MS Baguneid**, A Bayat. Novel noninvasive identification of biomarkers by analytical profiling of chronic wounds using volatile organic compounds. *Wound Repair Regen*. 2010; **19**(5); A93
37. Sultan MJ, Tan KT, Shih B, Mastan A, **Baguneid M**, Bayat A. Non-Invasive Imaging and Identification of Genetic Biomarkers in Acute and Chronic Healing Wounds using a Unique Sequential Biopsy Model Performed in the same Individuals. *Wound Repair Regeneration*, March/April 2011; volume 19, Issue 2, Pages 117–285, A8–A68. Online: 1 MAR 2011 | DOI: 10.1111/j.1524-475X.2010.00670. <http://onlinelibrary.wiley.com/doi/10.1111/wrr.2011.19.issue-2/issuetoc>
38. Tan KT, Sultan MJ, Johal K, Shih B, Chaudhry I, **Baguneid M**, Bayat A. Full-field Laser Perfusion Imaging, Siascopy and DNA Microarray of Acute and Chronic Wounds in a Sequential Biopsy Model. *Wound Repair Regen*. 2011; **19**; A95
39. H. Sekhar, S. Grant, M. Welch, C. McCollum, **M. Baguneid**. Have we closed the gap on gender differences in AAA? *Brit J Surg* 2011; **98**(S3): 54 Vascular 1 0633
40. H. Sekhar, S. Grant, M. Welch, C. McCollum, **M. Baguneid**. AAA surveillance in octogenarians: should criteria for treatment be modified? *Brit J Surg* 2011; **98** (S3): 28 Emergency Surgery 0281
41. M. J. Sultan, K. T. Tan, B. B. J. Shih, **M. Baguneid**, A. Bayat. Non-invasive imaging and identification of genetic biomarkers in acute and chronic healing wounds using a unique sequential biopsy model. *Brit J Surg* 2011; **98** (S3): 82 Basic/Applied Clinical Science 0427
42. Greaves N, **Baguneid M**, Bayat A. Successful Single Stage Treatment of Chronic Venous Ulceration: Use of Novel Acellular Dermis And Negative Pressure Therapy Without Surgery or Skin Grafting. *Wound Repair Regeneration*, March-April 2012; Volume 20, Issue 2, Pages 125–261, A12–A52. Online: 1 MAR 2012 | DOI: 10.1111/j.1524-475X.2012.00774. <http://onlinelibrary.wiley.com/doi/10.1111/wrr.2012.20.issue-2/issuetoc>
43. Street ER, Greaves NS, Gouldsborough I, **Baguneid M**. Anatomical variation of rami communicantes in the upper thoracic sympathetic chain: The impact on surgical therapy for hyperhidrosis. *Brit J Surg* 2012; **99** (S6): 83-222.
44. Greaves NS, Benatar B, **Baguneid M**, Bayat A. Success using a novel skin substitute in the management of treatment-resistant lower limb chronic wounds verified by 3-dimensional photography, full-field laser perfusion imaging, spectrophotometric intracutaneous analysis and immunohistochemical assessment of sequential biopsies. *Wound Repair and Regeneration* March-April 2013; Volume 21, Issue 2, pages 179– 337, A13–A54. Articles first published online: 6 MAR 2013 | DOI: 10.1111/wrr.12030. <http://onlinelibrary.wiley.com/doi/10.1111/wrr.2013.21.issue-2/issuetoc>

45. Ud-Din S, Giddings P, Colthurst J, Whiteside S, Morris J, Nuccitelli R, Pullar C, **Baguneid M**, Bayat A. Electrical stimulation enhances acute cutaneous wound healing: Verified by 3- dimensional photography, full-field laser perfusion imager, bioelectrical field imager and spectrophotometric intracutaneous analysis in a multiple time point human volunteer randomised controlled clinical trial. *Wound Repair and Regeneration* March-April 2013; Volume 21, Issue 2, pages 179– 337, A13–A54. Articles first published online: 6 MAR 2013 | DOI: 10.1111/wrr.12030. <http://onlinelibrary.wiley.com/doi/10.1111/wrr.2013.21.issue-2/issuetoc>
46. Greaves NS, Benatar B, **Baguneid M**, Bayat A. Success using NHS Blood & Transplant derived Decellularised Dermis in the management of treatment-resistant venous leg ulcers verified by 3-dimensional photography, full-field laser perfusion imaging and immunohistochemical analysis of sequential biopsies. *Phlebology* 2013
47. Greaves NS, Benatar B, **Baguneid M**, Bayat A. Early results for the use of NHS Blood & Transplant derived Decellularised Dermis in the management of treatment-resistant ulcers. *Brit J Surg* 2013; 100 (S2): 1-8.
48. Al-Jarrah Q, Ashrafi M, Oldbury J, Rogers S, **Baguneid M**, Wolowczyk L. Simultaneous presentation of a carotid body tumour and extra-cranial internal carotid artery aneurysm: too rare to be coincidental? CACVS abstract book 2015: 135-136.
49. Ashrafi M, Sebastian A, Shih B, Greaves N, Beiting D, Alonso-Rasgado T, **Baguneid M**, Bayat A. Novel whole genome microarray evidence confirming the importance of chronic wound debridement prior to application of dermal skin substitutes. *Wound Repair Regen.* 2016;24(2):A1–A34,
50. Ashrafi M, Al-Jarrah Q, Anandarajah M, Ashleigh R, Welch M, **Baguneid M**. Single centre experience following the introduction of a percutaneous endovascular aneurysm repair first approach. CACVS abstract book 2016: 103.

PRESENTATIONS

1997

Colonoscopy with biopsy after aortic surgery: A unique study of the incidence of colonic ischaemia
Welch M, **Baguneid MS**, McMahon RF, Dodd PDF, Fulford PE, Griffiths GD, Walker MG
Vascular Surgical Society Founders Prize Session, November 1997

1998

Prevention of small diameter prosthetic vascular graft failure
MS Baguneid, PE Fulford, S Carroll, P Mollahan, MG Walker
European Society of Engineering and Medicine. Brussels, Belgium. April 1998

Percutaneous endoluminal grafting for femoro-popliteal disease: A feasibility study
MS Baguneid, A Nevelsteen, DJA Scott, MG Walker
Association of Surgeons of Great Britain and Ireland. Edinburgh, Scotland. May 1998

Renal artery stenosis: The significance of its incidental finding on peripheral angiography.
Dodd PDF, Fitzgerald JB, Bukhari M, **Baguneid MS**, Griffiths GD, Chalmers N, Walker MG
Eurosurgery 98. Budapest, Hungary. June 1998

The role of markers of inflammatory activation in colonic ischaemia following aortic surgery:
a randomized double blind study of dopexamine vs placebo
MS Baguneid, M Welch, M Bukhari, PE Fulford, RFT McMahon, MG Walker
32nd AGM Vascular Surgical Society of Great Britain and Ireland. Hull, England. November 1998

Prevention of colonic ischaemia following aortic surgery (Prize Session)
MS Baguneid, M Welch, PE Fulford, M Bukhari, RFT McMahon, MG Walker
Association of Surgeons in Training. Manchester, England. November 1998

Percutaneous endoluminal grafting for femoro-popliteal disease: A feasibility study
MS Baguneid, A Nevelsteen, DJA Scott, MG Walker
8th International Symposium on Endovascular Interventions. Sydney, Australia. December 1998

The Effects of Dopexamine on Renal Function in Surgical Renal Artery Reconstruction: A Pilot Study
ED Cheetham, PDF.Dodd, L Gurnani, **MS Baguneid**, JM Eddleston, MG Walker.
1998 International Symposium of Intensive Care and Emergency Medicine. Brussels 1998

1999

A ward based digital image system: its application in a vascular unit
MS Baguneid, D Rodway, PE Fulford, MG Walker
Joint Meeting of the Royal College of Surgeons of Edinburgh and Royal College of Physicians of Cape Town.
Cape Town, South Africa. February 1999

The role of markers of inflammatory activation in colonic ischaemia following aortic surgery (POSTER)
MS Baguneid, PE Fulford, M Howe, RFT McMann, MG Walker
Joint Meeting of the Royal College of Surgeons of Edinburgh and Royal College of Physicians of Cape Town.
Cape Town, South Africa. February 1999

Dopexamine reduces the incidence of colonic ischaemia following aortic surgery (POSTER)
MS Baguneid, PE Fulford, RFT McMann, J Edelston, MG Walker
International Symposium of Intensive Care and Emergency Medicine. Brussels, March 1999

Intravascular ultrasound: A useful tool for endovascular abdominal aortic aneurysm repair
MS Baguneid, PE Fulford, M Scoccianti, N Chalmers, MG Walker
Association of Surgeons of Great Britain and Ireland. Brighton, England. May 1999

Environmental SEM in a multi-user Biological Sciences E.M. Unit
C Gilpin, **MS Baguneid**. Microscopy & Microanalysis '99. Portland Oregon, USA. August 1999

Automated isolation and seeding of pure microvascular endothelial cells onto small diameter vascular grafts:
A feasible intraoperative approach. **MS Baguneid**, I Lunnon, P Mollahan, S Carroll, PE Fulford, GA Davies,
MG Walker. XV Latin Meeting on Vascular Research. Granada, Spain. October 1999

The development of a tissue-engineered small diameter vascular graft (Invited Speaker)
MS Baguneid, A Seifalian, D Pegg, G Hamilton, GA Davies, MG Walker
XV Latin Meeting on Vascular Research. Granada, Spain. October 1999

Development of a tissue-engineered small diameter vascular graft
MS Baguneid, A Seifalian, D Pegg, G Hamilton, GA Davies, MG Walker
MEDLINK PMC Meeting. Meriden, England. November 1999

2000

Automated isolation and seeding of pure microvascular endothelial cells onto small diameter vascular grafts:
A feasible intraoperative approach. (POSTER)
MS Baguneid, I Lunnon, P Mollahan, S Carroll, PE Fulford, GA Davies, MG Walker.
International Society of Applied Cardiovascular Biology. Tuscon, Arizona, USA. March 2000.

Effect of preconditioning living vascular graft matrices. (POSTER)
S Goldner, A Seifalian, **MS Baguneid**, B Fuller, G Barden, K Cheetham, N Masood, MG Walker, G Hamilton. International Society of Applied Cardiovascular Biology. Tuscon, Arizona, USA. March 2000.

The development of a tissue-engineered small diameter vascular graft (POSTER)
MS Baguneid, A Seifalian, GA Davies, G Hamilton, MG Walker.
International Society of Applied Cardiovascular Biology. Tuscon, Arizona, USA. March 2000.

The use of marked endothelial cells to study luminal seeding of a small diameter vascular graft
S Carroll, **MS Baguneid**, P Mollahan, MG Walker.
International Society of Applied Cardiovascular Biology. Tuscon, Arizona, USA. March 2000.

Improved peri-anastomotic compliance using non-penetrating clips
MS Baguneid, S Goldner, PE Fulford, G Hamilton, MG Walker, A Seifalian
19th World Congress of the International Union of Angiology. Ghent, Belgium, May 2000

Trans-axillary rib resection for thoracic outlet syndrome: A 10 year experience.
PE Fulford, **MS Baguneid**, W Schady, MG Walker.
19th World Congress of the International Union of Angiology. Ghent, Belgium, May 2000

Tissue-engineering of a small diameter vascular graft
MS Baguneid, A Seifalian, A Davies, G Hamilton, MG Walker.
19th World Congress of the International Union of Angiology. Ghent, Belgium, May 2000

Tissue-engineering of a small diameter vascular graft. (Prize Session – Reynaldo dos Santos Prize)
MS Baguneid, A Seifalian, A Davies, G Hamilton, MG Walker.
49th International Congress, European Society of Cardiovascular Surgery. Dresden, Germany, June 2000

Improved peri-anastomotic compliance using non-penetrating clips.
MS Baguneid, S Goldner, PE Fulford, G Hamilton, MG Walker, A Seifalian
49th International Congress, European Society of Cardiovascular Surgery. Dresden, Germany, June 2000

Transaxillary rib resection for thoracic outlet syndrome
Fulford PE, **Baguneid MS**, Schady W, Walker MG.
Association of Surgeons of Great Britain and Ireland. Cardiff, Wales, June 2000

Development of a tissue-engineered small diameter vascular graft
Baguneid MS, Seifalian A, Hamilton G, Walker MG
Association of Surgeons of Great Britain and Ireland. Cardiff, Wales, June 2000

Pursuit of artificial blood vessels: a tissue-engineering approach (Invited Speaker)
Baguneid MS, Walker MG
North-west Vascular Biology Group. Sheffield, October 2000

2001

Disease progression following endoluminal bypass for femoro-popliteal disease
MS Baguneid, N Chalmers, D Kessel, L Stockx, DJA Scott, A Nevelsteen, MG Walker
36th AGM Vascular Surgical Society of Great Britain and Ireland. Brighton, England. November 2001

Endoluminal bypass for femoro-popliteal disease – factors compromising its durability.
Baguneid MS, Chalmers N, Kessel D, Stockx L, Scott DJA, Nevelsteen A, Walker MG.
10th International Symposium on Endovascular Interventions. Sydney, Australia. December 2001

Enhanced anastomotic compliance profiles using non-penetrating clips.
MS Baguneid, S Goldner, PE Fulford, G Hamilton, MG Walker, A Seifalian
10th International Symposium on Endovascular Interventions. Sydney, Australia. December 2001

Disease progression following endoluminal bypass for femoro-popliteal disease
Baguneid MS, Chalmers N, Kessel D, Stockx L, Scott DJA, Nevelsteen A, Walker MG.
Vascular Surgical Society , Brighton, UK. November 2001

Tissue-engineering small diameter vascular grafts. **MS Baguneid**, A Seifalian, G Hamilton, MG Walker
13th Congress of International Society of Artificial Organs. Osaka, Japan. November 2001

Automated isolation and seeding of pure microvascular endothelial cells onto small diameter vascular grafts
(Invited Speaker). 13th Congress of International Society of Artificial Organs. Osaka, Japan. Nov 2001

2002

Effect of pulsatile flow on the development of a tissue engineered vascular graft (POSTER)
MS Baguneid, A Seifalian, G Hamilton, MG Walker
International Society of Applied Cardiovascular Biology. St Gallen, Switzerland. February 2002

2004

European working time directive and its impact on operative exposure **(Invited Speaker)**
M62 Coloproctology course, Huddersfield, April 2004

Attenuating post anastomotic smooth muscle cell proliferation using TGFβ3.
Ghosh J, **Baguneid M**, Ferguson MW, Kielty CM, Walker MG Brit J Surg 2004
29th AGM Vascular Surgical Society of Great Britain and Ireland. Harrogate, England, November 2004

2005

In vivo attenuation of myointimal hyperplasia using transforming growth factor beta 3 in an interposition graft model. Murphy M, Ghosh J, **Baguneid M**, Khwaja N, Halka AT, Turner N, Kielty C, Ferguson MW, Walker MG. 8th Annual Meeting of the Tissue Engineering Society International (TESI). Shanghai, China. October 2005

REVALIDATION and APPRAISAL **(CHAIRPERSON of SESSION)**
Association of Surgeons of Great Britain and Ireland. Glasgow, April 2005

2007

Trainee Presentation session **(CHAIRPERSON of SESSION)**
Association of Surgeons of Great Britain and Ireland. Manchester, April 2007

2008

Vascular Leg Ulcers - Sniffing out the Truth
Thomas AN, Riazanskaia S, Cheung W, Xu Y, Goodacre R, Thomas CL, **Baguneid MS**, Bayat A
M60 Vascular Regional Meeting, 11th February 2008, Manchester, England, UK. Oral Podium

Novel chemical profiling of vascular ulcers by detection of volatiles using a GC-IT mass spectrometry & chromatographic visualisation, Poster. Thomas A, **Baguneid M**, Bayat A
ESCVS 57th International Congress (24-26/04/08)

The use of High Sensitivity C-Reactive Protein and Adiponectin as biomarkers following Endovascular Revascularisation for Lower Limb Peripheral Vascular Disease
Miranda C, Bayat A, **Baguneid M**. European Society for Cardiovascular Surgery, 57th Annual Congress of ESCVS. Barcelona, Spain. 24th - 27th April 2008

6th Annual WVI Symposium (**Invited Speaker**)

Galloway, Eire, May 2008

A Novel Non-Invasive Identification of Biomarkers by Analytical Profiling of Chronic Wounds using Volatile Organic Compounds. Thomas AN, Riazanskaia S, Cheung W, Xu Y, Goodacre R, Thomas CL, **Baguneid MS**, Bayat. British Association of Plastic, Reconstructive and Aesthetic Surgeons (BAPRAS) Scientific Summer Meeting, 10th July, 2008 Liverpool, England, UK

Novel Non-Invasive Identification of Biomarkers by Analytical Profiling of Chronic Wounds using Volatile Organic Compounds. Thomas AN, Riazanskaia S, Cheung W, Xu Y, Goodacre R, Thomas CL, **Baguneid MS**, Bayat A. Central Manchester and Manchester Children's Hospital NHS Trust Research & Innovation (R&I) Exhibition 2008, 17th November 2008, Manchester, England, UK

2009

Novel Non-Invasive Identification of Biomarkers by Analytical Profiling of Chronic Wounds using Volatile Organic Compounds. Thomas AN, Riazanskaia S, Cheung W, Xu Y, Goodacre R, Thomas CL, **Baguneid MS**, Bayat A. Research Tools for Clinicians Conference, 6th February 2009, Manchester, England, UK. Poster Presentation.

STEP meeting, Dublin (**Invited Speaker, Faculty**)

Dublin. 6-7th March 2009

STEP meeting, Athens (**Invited Speaker, Faculty**)

Athens, June 2009

Novel Non-Invasive Identification of Biomarkers by Analytical Profiling of Chronic Wounds using Volatile Organic Compounds. Thomas AN, Riazanskaia S, Cheung W, Xu Y, Goodacre R, Thomas CL, **Baguneid MS**, Bayat A. Infection 2009 Conference, 11th - 13th November 2009, Birmingham, England, UK.

Novel Non-Invasive Identification of Biomarkers by Analytical Profiling of Chronic Wounds Using Volatile Organic Compounds. Thomas AN, Riazanskaia S, Cheung W, Xu Y, Goodacre R, Thomas CL, **Baguneid MS**, Bayat A. Perspectives in Systems/Synthetic Biology, 1st December 2009, Manchester, England, UK

Non-invasive Detection of Infection by Volatile Organic Compound Profiling of Chronic Wounds (Poster)
Thomas A, **Baguneid M**, Bayat A.
Perspectives in Systems and Synthetic Biology (1/12/09)

A "Non-invasive Detection of Infection by Volatile Organic Compound Profiling of Chronic Wounds",
Thomas A, **Baguneid M**, Bayat A. Infection 2009 Conference (12/11/09)

2010

M60 Vascular Meeting (**CHAIRPERSON of SESSION**)
Manchester, Feb 2010

STEP meeting, Beijing (**Invited Speaker, Faculty**)
Beijing, March 2010

Oncovascular Surgery (**Invited Speaker**)
Manchester Regional Association of Surgeons, Chorley, April 2010

Update in Carotid Disease (**Invited Speaker**)
Roger Croton Meeting, Haydock May 2010

Non-Invasive Imaging of Acute and Chronic Wounds. Academic Prize Day
Tan KT, **Baguneid M**, Bayat A. University Hospital of South Manchester NHS Foundation Trust,
Manchester. 2nd July 2010,

Non-Invasive Imaging and Identification of Genetic Biomarkers in Acute and Chronic Healing Wounds
using a Unique Sequential Biopsy Model Performed in the same Individuals
Sultan MJ, Tan KT, Shih B, Mastan A, **Baguneid M**, Bayat A
21st Annual Meeting of the Wound Healing Society with SAWC 2011, 14th - 17th April 2011, Dallas,
Texas, USA.

Oncovascular Surgery (**Invited Speaker**)
Mersey Vascular Meeting
Liverpool, December 2010

2011

Becoming a better surgical trainer (**Invited Speaker**)
Association of Surgeons in Training (AGM 2011)
Sheffield, April 2011

Surgical devices and technology of the future (**Invited Speaker**)
Association of Surgeons of Great Britain and Ireland
Bournemouth, May 2011

AAA surveillance in Octogenarians: should criteria for treatment be modified?
H Sekhar, SW Grant, M Welch, CN McCollum, **MS Baguneid**. Association of Surgeons of GB and Ireland
Bournemouth, May 2011

Have we closed the gap on gender differences in AAA?
H Sekhar, SW Grant, M Welch, CN McCollum, **MS Baguneid**
Association of Surgeons of Great Britain and Ireland. Bournemouth, May 2011

Non-Invasive Imaging and Identification of Genetic Biomarkers in Acute and Chronic Healing Wounds using
a Unique Sequential Biopsy Model Performed in the same Individuals.
Sultan MJ, Tan KT, Shih B, Mastan A, **Baguneid M**, Bayat A.
UKMSA International Conference Bournemouth International Centre, 11th May 2011, Bournemouth,
England, UK

Differential Diagnosis of the Vascular Patient (**Invited Speaker**)

“ESPs INVESTIGATING THE FUTURE”

ESP Annual Meeting 2011. Salford, May 2011

Efficacy of EVAR Surveillance: Does one protocol fit all?

H Sekhar, JJ Barnes, M Welch, CN McCollum, **MS Baguneid**

European Society of Cardiovascular surgery, Moscow, May 2011

AAA surveillance in Octogenarians: should criteria for treatment be modified?

H Sekhar, SW Grant, M Welch, CN McCollum, **MS Baguneid**

European Society of Cardiovascular surgery, Moscow, May 2011

Comparative Non-invasive Imaging of Healing in Acute and Chronic Cutaneous Wounds Using Full-field Laser Doppler Perfusion Imaging and SIAscopy in a Unique Sequential Biopsy Model.

Tan KT, Sultan MJ, Mastan A, **Baguneid MS**, Bayat A

16th Congress of the International Confederation for Plastic, Reconstructive and Aesthetic Surgery (IPRAS), 22nd - 27th May 2011, Vancouver, Canada

Non-Invasive Imaging and Identification of Genetic Biomarkers in Acute and Chronic Healing Wounds using a Unique Sequential Biopsy Model Performed in the same Individuals.

Tan KT, Sultan MJ, Shih B, Mastan A, Baguneid M, Bayat A

European Plastic Surgery Research Council meeting on 25th - 28th August 2011, Hamburg, Germany.

Non-Invasive Imaging and Identification of Genetic Biomarkers in Acute and Chronic Healing Wounds Using a Unique Sequential Biopsy Model Performed in the same Individuals.

Tan KT, Sultan MJ, Shih B, Mastan A, **Baguneid M**, Bayat A

21st European Tissue Repair Society Congress, 5th - 7th October 2011, Amsterdam, Holland.

Non-Invasive Imaging and Identification of Genetic Biomarkers in Acute and Chronic Healing Wounds Using A Unique Sequential Biopsy Model Performed in the same Individuals.

Sultan MJ, Tan KT, Shih B, Mastan A, **Baguneid M**, Bayat A

3rd Annual Scalpel Undergraduate Surgical Conference, University of Manchester Undergraduate Surgical Society, 22nd October 2011, Manchester, England, UK

Vascular surgical infections - current landscape and challenges (**Invited Speaker**)

Federation of Infection Societies 2011. Manchester, Nov 2011

2012

Successful single stage treatment of chronic venous ulceration: use of novel acellular dermis and negative pressure therapy without surgery or skin grafting.

Greaves NS, **Baguneid M**, Bayat A.

SAWC (Symposium On Advanced Wound Care) Conference April 2012 (Atlanta, USA).

Anatomical variation of rami communicantes in the upper thoracic sympathetic chain: The impact on surgical therapy for hyperhidrosis.

Street ER, Greaves NS, Gouldsborough I, **Baguneid M**.

ASGBI May 2012 (Liverpool).

“Management of Infection in the Vascular Patient” 1st Symposium (**SPEAKER & CHAIRPERSON**)

Manchester, 2nd May 2012

Assessment of healing progression in treatment-resistant leg ulcers after application of novel decellularised dermal skin substitute using histological and immunohistochemical analysis of sequential biopsies.

Greaves NS, Benatar B, **Baguneid M**, Bayat A.

Oral presentation at the Laboratory Medicine Conference, July 2012 (Cape Town, South Africa).

Successful one-stage application of a novel decellularised dermis in the management of treatment resistant chronic leg ulcers: Evaluated using objective non-invasive and sequential temporal biopsies.

Greaves NS, **Baguneid M**, Bayat B. ETRS conference in Athens (Greece), September 2012.

Early results for the use of NHSBT decellular dermis in the management of treatment resistant leg ulcers.

Greaves NS, **Baguneid M**, Bayat A.

North-West vascular society annual meeting, October 2012.

Successful Single Stage Treatment of Chronic Venous Ulceration: Use of Novel Acellular Dermis and Negative Pressure Therapy without Surgery or Skin Grafting

Greaves N, **Baguneid M**, Bayat A

.22nd European Tissue Repair Society Congress, 4th - 5th October 2012, Athens, Greece

Early results for the use of NHS blood and transplant derived decellular dermis in the management of treatment resistant leg ulcers.

Greaves N, **Baguneid M**, Bayat A.

The Annual Northwest Vascular Meeting, 17th October 2012, Standish, England, UK

Early results for the use of NHS blood and transplant derived decellular dermis in the management of treatment resistant leg ulcers.

Greaves N, **Baguneid M**, Bayat A

The Vascular Society Annual Scientific Meeting 28th - 30th November 2012, Manchester Central Convention Complex, Manchester, England, UK

2013

“Management of Infection in the Vascular Patient” 2nd Symposium (**SPEAKER & CHAIRPERSON**), Manchester, March 2013

SHAPE (Sharing Hospital Anti-infectives Perspective in Europe) (**Invited Speaker**)

Management of complicated Skin and Soft Tissue Infections Workshop. Madrid, March 1st -2nd 2013

Success using NHS Blood & Transplant (NHSBT) derived decellularised dermis in the management of treatment-resistant venous leg ulcers verified by 3-dimensional photography, full-field laser perfusion imaging and immunohistochemical analysis of sequential biopsies.

Greaves N, Benatar B, **Baguneid M**, Bayat A

Venous Forum Spring Meeting, 25th April 2013, Royal Society of Medicine, London, England, UK

Success using a novel skin substitute in the management of treatment-resistant lower limb chronic wounds verified by 3-dimensional photography, full-field laser perfusion imaging, spectrophotometric intracutaneous analysis and immunohistochemical assessment of sequential biopsies.

Greaves NS, Benatar B, **Baguneid M**, Bayat A. 23rd Annual Meeting of the Wound Healing Society with SAWC 2013, 1st - 5th May 2013, Denver, Colorado, USA

Electrical stimulation enhances acute cutaneous wound healing: Verified by 3- dimensional photography, full-field laser perfusion imager, bioelectrical field imager and spectrophotometric intracutaneous analysis in a multiple time point human volunteer randomised controlled clinical trial. Ud-Din S, Giddings P, ColthurstJ,

Whiteside S, Morris J, Nuccitelli R, Pullar C, **Baguneid M**, Bayat 23rd Annual Meeting of the Wound Healing Society with SAWC 2013, 1st - 5th May 2013, Denver, Colorado, USA

Assessment of healing progression in treatment-resistant leg ulcers after application of novel decellularised dermal skin substitute using histological and immunohistochemical analysis of sequential wound biopsies Greaves NS, Benatar B, **Baguneid M**, Bayat A Laboratory Medicine Congress July 2013, Cape Town, South Africa

“The rupture”. ESVS Video 1st prize winner. European Society of Vascular Surgery meeting. Budapest. Haruna M, Hassan A, Shehhi M, **Baguneid M**. (**ESVS PRIZE WINNER**) <http://vasculareducation.com/wp/2013-esvs-video-competition/> September 2013.

Non-invasive optical coherence tomography as a reliable alternative to invasive histological assessment of human acute cutaneous wounding. Greaves N, Benatar B, **Baguneid M**, Bayat A 23rd European Tissue Repair Society Congress, 23rd-25th October 2013, Reims, France. **Selected for the Young Investigator Award section.**

Electrical stimulation enhances acute cutaneous wound healing: verified by non- invasive objective imaging in a multiple time point human volunteer randomised controlled clinical trial. Ud-Din S, Giddings P, Colthurst J, Whiteside S, Morris J, Nuccitelli R, Pullar C, **Baguneid M**, Bayat A 23rd European Tissue Repair Society Congress, 23rd-25th October 2013, Reims, France.

Novel human ex-vivo “donut” skin model allows comparative evaluation of re-epithelialisation in dermal substitutes: Instant tool for functional evaluation. Greaves N, Iqbal A, **Baguneid M**, Bayat A 23rd European Tissue Repair Society Congress, 23rd-25th October 2013, Reims, France

2015

Simultaneous presentation of a carotid body tumour and extra-cranial internal carotid artery aneurysm: too rare to be coincidental? Ashrafi M, Al-Jarrah Q, Oldbury J, Rogers S, **Baguneid M**, Wolowczyk L. Controversies and updates in vascular surgery (CAVCS). Paris January 2015 (oral)

2016

Controversies and updates in vascular surgery (CAVCS). Single centre experience following the introduction of a percutaneous endovascular aneurysm repair first approach. Ashrafi M, Al-Jarrah Q, Anandrajah M, Ashleigh R, Welch M, **Baguneid M**. Paris January 2016

A Novel whole genome microarray evidence confirming the importance of chronic wound debridement prior to application of dermal skin substitutes.

Ashrafi M, Sebastian A, Shih B, Greaves N, Beiting D, Alonso-Rasgado T, **Baguneid M**, Bayat 28th Annual Meeting of the Wound Healing Society . Atlanta (USA) April 2016 (oral) - Prize awarded

Pre-Operative Predictors Of Poor Outcomes In Patients Undergoing Surgical Lower Extremity Revascularisation. Ashrafi M, Salvadi R, Foden P, Thomas S, **Baguneid M**. ESVS 30th Annual Meeting. Copenhagen September 2016 (poster)

Aortic Pathology (**Invited Speaker**). Abu Dhabi Vascular Group, Abu Dhabi, October 2016

2017

Vascular Surgery Session (**CHAIRPERSON & SPEAKER**)

Arab Health 2017, Dubai Feb 1st 2017.

Blunt thoracic aortic injury (**Invited Speaker**)

Arab Health 2017. Dubai, UAE. Feb 1st 2017

Communication and Negotiation (**Invited Speaker**)

Al Ain, Abu Dhabi, February 2017

Clinical Decision Making (**Invited Speaker**)

SEHA Postgraduate Programme, Abu Dhabi, 1st March 2017

An update in endovenous ablation therapy (**Invited Speaker**)

6th SEHA International Radiology Conference, 15th October 2017.

Fistula First Vascular Access. 9th Patient and Family Awareness Forum. (**Invited Speaker**)

Tawam Hospital (John Hopkins) 16th March 2017.

Complex Management of Diabetic Foot Infections (**Invited Speaker**)

7th National Surgical Congress, Sohar, Oman 13th May 2017

Oncovascular Surgery Principles (**Invited Speaker**). Dubai International Colorectal Symposium 6th October 2017

2018

Efficacy of Topical Formulations in Healing of Caesarean Scars Using Non Invasive Devices: A Controlled Trial (**Invited Speaker**). Kuwait Vascular Group, 7th Feb 2018

New models in Scar Assessment and Management (**Invited Speaker**). Dubai International Academy of Dermatopathology and Dubai International Academy of Laser & Aesthetic Dermatology (DIAD-DIAL). Dubai. March 2018

Non-invasive technology in wound assessment and management (**Invited Speaker**). Dubai Wound and Scar Conference. Oct 2018

Enhance your Leadership skills (**Invited Speaker**). Al Ain Region, Abu Dhabi Healthcare Programme, 28th November 2018

2019

Communication and negotiation skills (**Invited Speaker**). SEHA Postgraduate Programme. January 2019

Get it right first time (**CHAIRPERSON & SPEAKER**). SEHA Vascular Conference, Al Ain, Abu Dhabi, March 2019

Clinical leadership for service transformation (**Invited Speaker**). University of Manchester MSc International Healthcare Leadership Programme. Dubai, 29th April 2019

The importance of the microcirculation in diabetic foot disease (**Invited Speaker**). 10th Annual Abu Dhabi Wound Conference, Dubai, 23rd March 2019

Challenging diabetic foot ulcers (**Invited Speaker**). Europe, Middle East and Africa (EMEA) Diabetic Foot Academy 19-20th April 2019

Treatment of pre and post-operative diabetic foot infection Complications in vascular compromised patients (**Invited Speaker**). Europe, Middle East and Africa (EMEA) Diabetic Foot Academy. Dubai 19-20th April 2019

Paget Schroetter Syndrome (**Invited Speaker**). 1st Middle East Venous Forum. Abu Dhabi. October 2019

2020

Diagnosing and managing peripheral vascular disease complicating diabetic foot ulcers (**Invited Speaker**). 2nd Gulf Wound Management Conference. Dubai. 23rd January 2020

Aetiology of diabetic foot ulceration: role of the microcirculation (**Invited Speaker**). 2nd Gulf Wound Management Conference. Dubai. 23rd January 2020

Long-term outcomes of endovenous ablation therapy (**Invited Speaker**). Turkish Venous Masterclass. Istanbul, Turkey 21st February 2020

Aortic dissections and transections (**Invited Speaker**). 9th SEHA International Radiology Conference (SIRC), Abu Dhabi March 2020

How should be treat perforators? (**Invited Speaker**). Turkish Venous Masterclass. Istanbul, Turkey 21st February 2020

From claudication to critical limb ischaemia in 4 steps (**Invited Speaker**). Internal medicine working group. Al Ain, Abu Dhabi, Dec 2020

2021 Current opinion in management of acute aortic syndrome (**Invited Speaker**). 10th SEHA International Radiology Conference (SIRC), ONLINE. February 2021

FUNDING OBTAINED

I have co-written the following funding proposals:

YEAR	FUNDING	DESCRIPTION
1998	£3000	Speywood Pharmaceuticals funding for a study on inflammatory markers associated with colonic ischaemia following aortic surgery
1999	£50,000	Medtronic funding for a study to evaluate the pathophysiological process secondary to ischaemia-reperfusion injury following aortic surgery and to compare between conventional and endoluminal repair
1999	£5000	Autosuture funding for a study to compare perianastomotic compliance between suture and clip anastomosis in a goat carotid model
2000	£143,000	MEDLINK grant (M142) extension from Department of Health to further work on the development of a tissue-engineered vascular graft
2007	£12,500	“League of Friends” funding towards a head mounted light and camera to help teach medical students in the theatre environment
2008	£100,000	European Working Time Directive funding towards a surgical skills lab to be developed in acute block surgical theatres at UHSM
2009	£25,000	“League of Friends” funding towards a scanning laser Doppler system. This joint application between vascular surgery and plastic surgery allows the quantification and assessment of cutaneous perfusion in many clinical scenarios including evaluating leg ulcer perfusion
2010	£16,000	“League of Friends” funding towards Osirix Software imaging solution with SOVA.EVAR plugin for AAA planning for EVAR
2010	£18,000	“League of Friends” funding towards a 3D camera for Research studies into chronic leg ulcers
2015	£34,000	Successful educational grant from Pfizer towards a study on risk factors associated with poor outcome following lower limb revascularisation
2016	£419,000	Julphar Pharmaceuticals, UAE company, funding into scar healing using Mebo Scar cream. 3 part research study run between Abu Dhabi and University of Manchester
2021	TBC	Molnlycke. Evaluation of Granulox in diabetic foot ulcers (circa £100,000)

HOBBIES

Probably best summed up as someone who enjoys travelling and new technology. I develop websites for friends and family, support charity events and enjoy mentoring colleagues and trainees. Finally, but not least, I “enjoy” giving life and career advice to my children!

REFEREES

Will be provided on request