

CURRICULUM VITÆ

of

Ketan Kumar Dhatariya

MBBS – 1991

MRCP(UK) – 1995

MSc in Diabetes and Endocrinology (with Merit) – 1999

Master of Biomedical Sciences in Clinical Research – 2004

MD – 2004

FRCP – 2008

PhD – 2017

Intermediate Grade Accreditation in Intensive Care Medicine

**Consultant in General Medicine, Diabetes and Endocrinology
Norfolk and Norwich University Hospitals NHS Foundation Trust**

**Associate Professor of Medicine, St. George's University School of
Medicine**

Honorary Professor of Medicine, University of East Anglia

Personal Details

Work Address	Elsie Bertram Diabetes Centre, Norfolk and Norwich University Hospital NHS Trust, Colney Lane, Norwich, Norfolk. NR4 7UY		
Status	Married with two children		
Nationality	British		
GMC Number	3543346		
Date of Entry on to Specialist Register (UK)	1 st September 2001	Ref. 13854	
Post graduate qualifications			
MRCP(UK)	March 1995		
MSc (with Merit) Diabetes and Endocrinology	University of London, August 1999		
Intermediate Grade Accreditation in Intensive Care Medicine	Intercollegiate Board for Training in Intensive Care Medicine 2001		
MS - Master of Biomedical Sciences degree in Clinical Research	Mayo Graduate School, May 2004		
MD	University of London, July 2004		
FRCP	May 2008		
PhD	University of East Anglia 2017		
Prizes	Merit awarded for MSc (Diabetes and Endocrinology) Winner of the Quality in Care award for Best Admissions Avoidance category – 2012 Finalist for BMJ Diabetes Team of the Year – 2013 Winner of the NNUH Research Team of the Year (Foot team) – 2016 Runner up NNUH Research Team of the Year (part of Norfolk Diabetes Prevention Study) – 2016 Finalist in the 2017 Royal College of Physicians Excellence in Patient Care Awards		
MSc Thesis (1999)	The prophylactic use of low dose dopamine for the prevention of radio-opaque contrast media-induced acute renal failure in diabetic patients undergoing bilateral lower limb angiography. A comparison between the currently used dose and a lower one. Supervisor – Prof Mike Edmonds		
MD Thesis (2004)	Assessing the effects of dehydroepiandrosterone (DHEA) replacement on insulin sensitivity, body composition, and skeletal muscle physiology in hypoadrenal women. Supervisor – Prof Sree Nair		
MS Thesis (2004)	Assessing the effects of dehydroepiandrosterone (DHEA) replacement on the mood and well-being of hypoadrenal women. Supervisor – Prof Sree Nair		
PhD Thesis (2017)	The management of hospital inpatients with diabetes. Supervisor – Prof Alastair Watson.		

Career Details

<u>Present Post</u>	<u>Consultant in Diabetes, Endocrinology and General Medicine</u>
Sept 04 - present	Norfolk and Norwich University Hospital, Norwich
Jan 19 - present	<u>Honorary Professor of Medicine</u> University of East Anglia
<u>Previous Posts</u>	<u>Honorary Reader in Medicine</u>
May 17 - Jan 19	University of East Anglia
Sept 04 - May 17	<u>Honorary Senior Lecturer</u> University of East Anglia
Mar 04 - July 04	<u>Locum Consultant Physician in Diabetes and General Medicine</u> Homerton Hospital, Hackney, London
Sept 03 - Mar 04	<u>Locum Consultant Physician in Diabetes and General Medicine</u> King's College Hospital, London
Oct 01 - Sept 03	<u>Research Fellow in Endocrinology</u> Endocrine Research Unit, Mayo Clinic and Foundation, Rochester, MN (USA)
Jun 01 - Sept 01	<u>Locum Consultant Physician in General Medicine, Diabetes and Endocrinology</u> Darent Valley Hospital, Dartford, Kent
Jan 97 - Jun 01	<u>SpR in General Medicine, Diabetes and Endocrinology – SE London rotation</u> Darent Valley Hospital, Dartford, Kent Royal Sussex County Hospital, Brighton, East Sussex King's College Hospital, Camberwell, London Medway Maritime Hospital, Gillingham, Kent Joyce Green Hospital, Dartford, Kent
Feb 00 - Aug 00	<u>SHO in Anaesthetics</u> St George's Hospital, London
Aug 99 - Feb 00	<u>SpR in Intensive Care Medicine</u> Guy's and St Thomas' Hospital, London
Nov 96 - Jan 97	<u>Locum Lecturer (Hon. Senior Registrar) in General Medicine and Healthcare for the Elderly</u> King's College Hospital Medical School, London.
Aug 95 - Aug 96	<u>First-year Registrar in General Medicine, Diabetes, Endocrinology and Rheumatology</u> St Mary's Hospital, Newport, Isle of Wight
Feb 95 - Aug 95	<u>SHO in Intensive Care / Research Fellow in Cardiology</u> Whittington Hospital, Islington, London
Aug 92 – Aug 94	<u>SHO in General Medicine and Accident and Emergency</u> Basildon General Hospital, Basildon, Essex

Indicators of Esteem, National and International Roles

In 2019 I was promoted to Honorary Professor of Medicine at the University of East Anglia

In 2020 I was awarded a Silver National Clinical Excellence Award for my work

Involvement in the European Board Examination in Endocrinology, Diabetes and Metabolism run by the Federation of the Royal College of Physicians UK, European Society of Endocrinology and European Union of Medical Specialists (UEMS) Section & Board of Endocrinology

- a) 2017 – Present: Chair of the Examination Board of the European Board Examination in Endocrinology, Diabetes and Metabolism.

Involvement with the International Working Group on the Diabetic Foot

- a) I am on the writing group for the systemic review and clinical guidelines on wound healing for this globally recognised organisation. This will be presented at the next meeting in the Hague in 2019, and has been published in Diabetes/Metabolism Research and Reviews

Involvement in the Specialist Certificate Examination (SCE) in Diabetes and Endocrinology run by the Federation of the Royal College of Physicians UK

- a) 2016 – Present: Chair of the Examining Board of the SCE.
- b) 2013 – 2016: Medical Secretary for the SCE.
- c) 2009 – Present: Member of the Question Writing Group of the SCE.
- d) 2009 – Present: Member of the Examination Board and the Standard Setting Committee for the SCE.
- e) 2005 – 2009: I was on the Specialty Question Writing Group of the MRCP(UK) exam (2008 – 2009 co-chair of the group).

Thus, I play a part in the graduate education of physicians across the world, ensuring that they reach a certain standard to enable them to call themselves specialists in diabetes and endocrinology.

Involvement with the European Association for the Study of Diabetes (EASD)

- a) I have written several modules for the e-learning packages on the management of inpatients with diabetes: www.easd-elearning.org

Involvement in the Association of British Clinical Diabetologists (ABCD)

- a) 2011 – 2014: Executive officer (Meetings Secretary).
- b) 2010 – 2015, and 2020 - present: Committee member.

Involvement with Diabetes UK

- a) 2017 – Present: Member of the Clinical Study Group 4 on Acute Care

Involvement in the National Diabetes Inpatient Audit (NaDIA)

- a) 2014 – Present: Member of the National Advisory Group

Involvement in the Joint British Diabetes Societies for Inpatient Care Group

- a) 2019 – Present: Chair of the Joint British Diabetes Societies for Inpatient Care Group
- b) 2009 – 2019: Steering group member of the Joint British Diabetes Societies for Inpatient Care Group
- c) 2020: Part of the National Inpatient Diabetes COVID-19 response Team

Involvement with the Royal College of Anaesthetists

- a) 2019 – Present: Member of the guideline writing group for peri-operative diabetes care at the Centre for Perioperative Care

Involvement in the Endocrine and Diabetes Section of the Royal Society of Medicine

2019 – 2021: President of the section

2015 – 2019: Honorary Secretary

Involvement with National Institute of Health and Care Excellence

2017 – 2020: I am part of a small group - the Sustainable Development Unit – looking at the carbon footprint of maintaining or improving glycaemic control.

Involvement with the Advisory Committee for Clinical Excellence Awards (ACCEA)

I have been a professional member of the East of England regional ACCEA committee since 2020

Involvement with National Confidential Enquiry into Patient Outcome and Death (NCEPOD)

2017-2019: I was part of the small multidisciplinary team looking at the remediable factors in the perioperative care of patients with diabetes resulting in their report: Highs and Lows

Grant reviewing

For Diabetes UK; Health Research Board of Ireland; MRC; NIHR; Guy's and St Thomas' Charity; Imperial College London; Swiss National Science Foundation; PSI Foundation, Canada

Journal editorial activity

- a) Associate Editor of Diabetic Medicine (2016 –)
- b) Associate Editor of BMJ Open Diabetes Research & Care (2019 –)
- c) Editorial Board for the British Journal of Cardiology (2012 –)
- d) Editorial Board for Diabetes Therapy (2015 –)
- e) Editorial Board for Annals of Palliative Medicine (2015 – 2019)
- f) Editorial Board for Practical Diabetes (2012 – 2015)
- g) Editorial Board for The Review of Diabetic Studies Journal (2008 – 2014, then 2017 –)
- h) Editorial Board of ISRN Nutrition (2008 – 2014)
- i) Editorial Board of Therapeutic Advances in Endocrinology and Metabolism (2018 –)

Others

- a) 2020 – I was part of the Inpatient Diabetes COVID response team that produced a series of guidelines on the management of diabetes in hospitalised inpatients during the COVID crisis
- b) 2020 – I was the co-lead on the document on the management of diabetes in care homes during the COVID crisis
- c) In June 2019 I was invited to a reception to meet the Prime Minister at 10 Downing Street to thank people involved in the care, treatment and prevention of diabetes (<https://tinyurl.com/yy78dlpe>)
- d) Invited to deliver the prestigious SS Ajaonkar oration at the 17th International Symposium on Diabetes, Mumbai, India 2018
- e) Finalist in the 2017 Royal College of Physicians Excellence in Patient Care Awards (<http://tinyurl.com/jf5ywb4> or at 13.40 in the video [here](#))
- f) I am on the steering group for the Novo Nordisk meetings entitled 'Key Scientific Leaders' (2016 - present)
- g) Winner of the Norfolk and Norwich University Hospital Foundation Trust Staff Awards 2016 in the Research Team of the Year – for the foot team I lead
- h) Finalist for BMJ Diabetes Team of the Year – 2013
- i) Winner of the Quality in Care award for Best Admissions Avoidance category – 2012
- j) 2007 – Present. I am a Trustee of the Norfolk Diabetes Trust (Registered charity number 1002111)
- k) I have recorded on line, and delivered lectures for Specsavers Ltd. for their optometrist CPD and across Scandinavia
- l) 2013 – Present. I am a Trustee of the Association of British Clinical Diabetologists
- m) 2015 – 2017. I was on the advisory board for www.diabetes.co.uk

As of June 2020, my H-index on Google Scholar is 30, and an i10 index of 71. My Researchgate (RG) score is 42.48

Contributions to the Department, the Trust, and the Region

- a) 2007 – present I am the lead of one of the largest foot clinics in the UK
- b) 2018 – present I am co-chair of the East of England Foot Care network
- c) 2006 – present I am the departmental IT lead
- d) 2018 – present I am the departmental clinical governance lead
- e) 2005 – present I am the lead DAFNE doctor for the Trust
- f) 2004 – present I am a founder and core member of the Norfolk & Waveney Cancer Network Thyroid multidisciplinary team
- g) I am a core member of the Norfolk and Norwich Diabetic Retinopathy Screening Programme Board
- h) 2005 – present I am a member of the central Norfolk Diabetes Management Network (cNIDM)
- i) 2016 – 2017 I was the clinical representative on the Eastern Pathology Alliance Users' Committee
- j) 2017 – present I am the endocrine link for the Trust antimicrobial subcommittee

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- a) 2005 – 2008 I was departmental clinical governance lead
 - b) 2005 – 2010 I was departmental obesity lead
 - c) 2005 – 2008 I was division 1 representative on the Drugs and Therapeutics Medicines Management Committee
 - d) 2006 – 2009 I was involved with the National IT project - Lorenzo Clinical Content Diabetes Project
 - e) 2009 I completed the Trust Management Course
 - f) 2011 – 2017 I was an accredited appraiser for the Trust
 - g) 2013 – 2018 I was the departmental audit lead

Contributions to the Medical School and School of Biological Sciences

- a) I am an Honorary Professor of Medicine at the University of East Anglia
- b) I am a recognised interviewer for the MBBS programme in the Norwich Medical School
- c) I regularly teach on Unit 6 and Unit 14 as well as the biomedical course and post graduate nursing course. I teach 16 sessions in total per year.
- d) I am a regular OSCE assessor
- e) I have supervised several medical student research projects. Almost all have been presented as posters at national and international meetings. In addition, most have been published in peer reviewed journals
- f) I am the personal advisor for 3 medical students
- g) As of October 2018 I am currently supervising 9 medical student projects
- h) In 2016 I was nominated as 'Most Inspiring Teaching' in the Transforming Teacher Awards, at the University of East Anglia

Manuscripts Reviewed for the Following Journals

Age and Ageing	Diabetes Care	Journal of Obstetrics and Gynaecology
American Journal of Medicine	Diabetes Management	Journal of the Royal Society of Medicine
American Journal of Physiology- Endocrinology and Metabolism	Diabetes, Obesity and Metabolism	Journal of the Royal Society of Medicine – Short Reports
Anesthesiology Research and Practice	Diabetes Research and Clinical Practice	Lancet
Annals of Palliative Medicine	Diabetes Spectrum	Lancet Diabetes and Endocrinology
Annals of Surgery	Diabetes/Metabolism Research and Reviews (Proceedings)	Metabolism, Clinical and Experimental
Annals, Academy of Medicine, Singapore	Diabetes Therapy	Pharmaceutical Journal
BMC Endocrine Disorders	Diabetic Medicine	Postgraduate Medical Journal
British Journal of Anaesthesia	Diabetologia	Postgraduate Medicine
British Journal of Diabetes and Vascular Disease	Diabetology and Metabolic Syndrome	Practical Diabetes International
British Journal of Surgery	Endocrine	Rheumatology
British Medical Journal	Endocrine Connections	Student BMJ
BMJ Open Diabetes Research & Care	Endocrine Practice	The Aging Male
Clinical Endocrinology	Endocrinology	The Diabetic Foot Journal
Clinical Medicine	Indian Journal of Pharmacology	The Diabetic Foot Journal (Middle East)
Clinical Medicine: Case Reports	Journal of Clinical Endocrinology and Metabolism	Therapeutic Advances in Endocrinology and Metabolism
Clinical Nutrition	Journal of Diabetes and Its Complications	The Review of Diabetic Studies
Clinical Obesity	Journal of Diabetes Science and Technology	Virulence
Diabetes and Vascular Disease Research	Journal of Endocrinological Investigation	

I am a regular abstract reviewer for the British Endocrine Society Meeting and the American Endocrine Society meeting

Research Activity

Research activity – funded or in development

In July 2018 I was awarded a research programmed activity (i.e. 1 session per week) for £12,600 by the Research Capability Funding stream.

Title: Shining a light on diabetic foot ulcers: exploiting imaging mass spectrometry to explore impaired healing. Investigators: Gavrilovic, Bevan, **Dhatariya**, Gooday. Norwich Research Park Science Links Seed Fund / Humane Research Trust / UEA Innovation scheme. 2017 – 2019, £108,323 (funded). This will enable us to get preliminary data to make a full grant application to Diabetes UK or the MRC in 2020

Title: Hypoglycaemia and serious adverse events in older people living with diabetes and dementia. **Collaborator (diabetes lead)**. Investigators: Mattishent, Fox, Loke, Potter, Savva. Alzheimer's UK. 2017 – 2020. £344,017 (Funded)

Title: Optimising Cardiac Surgery outcomes in People with diabetes (OCTOPUS). HTA 16/25/12. **Chair of Trial Steering Committee** (Funded)

Title: An open-label, two-centre, randomised, 2-period cross-over study to assess the efficacy, safety and utility of fully closed-loop insulin delivery in comparison with standard care, in adults with type 2 diabetes requiring maintenance dialysis. Hovorka R. **Chair of Data Safety Monitoring Board**

Title: Delivering a Realistic Diabetes Prevention Programme in a UK Community. Investigators: Sampson, Rea, Bachmann, Niessen, Harvey, Howe, Clark, Sethia, **Dhatariya**, Wallace, John, Barton, Hadley-Brown, Turner, Hobbis, Smith. NIHR. 2010 – 2017. £2,029,700, (funded).

Title: Test BP – Trial of the effectiveness and cost effectiveness of self-monitoring and treatment of blood pressure in secondary prevention following stroke or transient ischaemic attack (TIA). **Chair of Trial Steering Committee**, (PI John Potter). NIHR (RfPB). 2013 – 2017, £250,000 (Funded)

Title: Assessing and improving inpatient diabetes treatment satisfaction in different ethnic groups in the UK. Investigators: Sampson, Bradley, Holland, Harvey, Mugford, Roland, James, Singh, **Dhatariya**, Jones, Walden. Diabetes UK. 2007 – 2012. £256,627, (funded).

Title: Reducing cardiovascular risk with dietary flavonoids in post-menopausal women with Type 2 diabetes. Investigators: Cassidy, Sampson, Kroon, Hughes, Potter, Gavrilovic, Meyer, **Dhatariya**. Diabetes UK. 2007-2011, £222,518 (funded).

Title: Assessing the effects of acute changes in blood glucose on macular thickness due to oedema in people with type 1 diabetes using Optical Coherence Tomography. **(PI)**. Investigator led study. 2008 – 2017. No funding. (Ongoing)

Title: What is the effect of the GLP1-RA liraglutide in reducing the incidence of peak glucose in patients without diabetes treated with acute high-dose glucocorticoids. **(PI)** Investigator led study. 2019 – 2021. Funding being sought – current application under review

Title: Examining the relationship between random plasma glucose, and HbA1c levels taken in a pre-operative assessment clinic with length of stay and postoperative outcomes in an unselected cohort of people scheduled for elective surgery. A Hypothesis generating study. **(PI)**. Investigator led study. 2019 – 2022. Funding being sought (in development)

Title: Comparing the use of novel blood and urinary bone turnover markers with MRI, SPECT CT, and clinical assessment to diagnosis and monitor the progression neuroarthropathy in the diabetic foot

(Charcot joint) – a multicentre trial. (PI). Investigator led study. 2019 – 2022. Funding being sought (in development)

Title: Developing novel blood and urinary bone turnover markers to aid in the diagnosis and management of osteomyelitis in the diabetic foot. (PI). Investigator led study. 2019 – 2022. Funding being sought (in development)

Research activity – enterprise activity / contracts

Title: Developing and trialling the DAFNEplus (Dose for Adjustment for Normal Eating) intervention. A lifelong approach to promote effective self- management in adults with type 1 diabetes. **Collaborator**. Investigators: Heller, Cohen, Brennan, Baird, Lawton, Yardley, Campbell, Elliott, Thompson, Hopkins, Mansell, Cooke, Taylor, Michie, Fisher, Amiel. NIHR (Contract). 2016 – 2019, £2,275,255 (funded).

Title: For the phase 3 trials on Sotagliflozin (LX4211) run by Lexicon pharmaceuticals. Sponsor - Lexicon (Contract). Member (1 of only 2 globally) of severe hypoglycaemia and DKA Clinical Endpoint Adjudication Committee. 2015 – 2016. I was helping Sanofi make their FDA application and was part of the team that presented at the EMDAC in January 2019 at the FDA.

Title: Real world effectiveness of lixisenatide and other intensification therapy in the management of type 2 diabetic patients uncontrolled with basal insulin (Intense). Sponsor - Sanofi-Aventis (Contract). **PI**. 2014 – Ongoing. Estimated income generated ~£10,000.

Title: Liraglutide effect and action in diabetes: Evaluation of cardiovascular outcome results (Leader). Sponsor - Novo Nordisk (Contract). **PI**. 2010 – 2015. Income generated ~£50,000.

Title: Semaglutide Treatment Effect in People with obesity (STEP-1) Sponsor - Novo Nordisk (Contract). **Co- PI**. 2018 – 2019

Title: FOCUS: Long-term effects of semaglutide on diabetic retinopathy in subjects with type 2 diabetes. Sponsor - Novo Nordisk (Contract). **PI**. 2019 – 2023. I am the national lead for this study in the UK and on the Global Expert Panel.

Title: Trial investigating the cardiovascular safety of oral Semaglutide in subjects with type 2 diabetes (Pioneer 6). Sponsor - Novo Nordisk (Contract). **PI**. 2016-2019. Estimated income generated ~£50,000.

Title: A twenty-six week, randomized, open-label, 2-arm parallel group real world pragmatic trial to assess the clinical and health outcomes benefit of transition to Toujeo compared to standard of care insulin, in basal insulin treated patients with uncontrolled type 2 diabetes mellitus, with six month extension. (Regain Control). Sponsor - Sanofi-Aventis (Contract). Investigators: Turner, **Dhatariya**, Ewing. 2016 – 2017. Estimated at income generated ~£20,000.

Title: A phase 1b, blinded, randomized, multicenter, multiple-ascending-dose study of the safety, tolerability, pharmacokinetics, and pharmacodynamics of UTTR1147A administered by subcutaneous injection in patients with non-healing neuropathic diabetic foot ulcers. Sponsor - Genentech (Contract). **PI**. 2017 – 2018. Estimated at income generated ~£25,000.

Title: Evaluation of lightweight fibrecast heel casts in the management of ulcers of the heel in diabetes. NIHR / HTA funded – sponsor University of Nottingham. CRN adopted (Contract). **PI**. 2011-2016. £1,358,852.

Title: Heel Ulcer Microbiome in Diabetes exploratory study (HUMID). Sponsor - University of Nottingham (Contract). **PI**. 2012 – 2014. Estimated at income generated ~£10,000.

Title: Foot Ulcer Microbiome in Diabetes exploratory study (FUMID). Sponsor - University of Nottingham (Contract). **PI.** 2014 – Ongoing. Estimated at income generated ~£10,000.

Title: Leucopatch® in the management of hard-to-heal diabetic foot ulcers. Sponsor - University of Nottingham / Reaplix ApS (Contract). **PI.** 2013 – 2017. €2,000,000

Title: A prospective, open, non-controlled clinical investigation to evaluate the Avance™ NPWT System, a new negative pressure wound therapy (NPWT) system to be used in the treatment of diabetic foot ulcers (DFUs) and post amputation wounds following DFU. Sponsor – Mölnlycke (Contract). **PI.** 2010 – 2012. Estimated at income generated ~£20,000

Title: An open, non-comparative, multi-centre Post Marketing Clinical Follow-up (PMCF) investigation to evaluate performance and safety on Diabetic Foot Ulcer, DFU, when using Mepilex Transfer Ag as intended. Sponsor - Mölnlycke. CRN adopted (Contract). **Global CI.** 2013 – 2015. Estimated at income generated ~£20,000.

Title: Assessment of the efficacy and safety of A new wound dressing in the local treatment of diabetic foot ulcers: a prospective, randomised, controlled, double-blind, European multicentre clinical trial (EXPLORER). Sponsor - Laboratoires URGO. CRN adopted (Contract). **PI.** 2013 – 2017. Estimated at income generated ~£15,000.

Title: COncordance in DIabetic Foot Infection (CODIFI). RfPB funded – sponsor University of Leeds. CRN adopted (Contract). **PI.** 2011 – 2013.

Title: Use of duloxetine or pregabalin in monotherapy versus combination therapy of both drugs in patients with painful diabetic neuropathy "The COMBO - DN (COmbination vs Monotherapy of pregaBalin and dulOxetine in Diabetic Neuropathy) Study. Sponsor - Eli Lilly (Contract). Investigators: Sanders, **Dhatariya.** 2010 – 2011

Title: Improving management of Type 1 diabetes in the UK: the DAFNE programme as a research test-bed (DAFNE 5x1). CCF (Contract). **PI.** 2010 – 2012. £1,746,997

Title: Evaluation of cardiovascular outcomes in patients with type 2 diabetes after acute coronary syndrome during treatment with AVE0010 (Lixisenatide) (ELIXA). Sponsor - Sanofi-Aventis (Contract). Turner, **Dhatariya,** Ewing. Income generated ~£14,000.

Title: Efficacy and safety of insulin glargine/ lixisenatide fixed ratio combination compared to insulin glargine alone and lixisenatide alone on top of metformin in patients with T2DM (Lixilan-O). Sponsor - Sanofi-Aventis (Contract). Investigators: Turner, **Dhatariya,** Ewing. 2014 – 2015 Income generated ~£40,000.

Title: Efficacy and safety of FIAsp compared to insulin aspart in combination with insulin glargine and metformin in adults with type 2 diabetes (Onset-2). Sponsor - Novo Nordisk (Contract). Investigators: Sampson, **Dhatariya,** Ewing. 2013 – 2015 Income generated ~£30,000.

Other clinical trial involvement:

I was a research fellow in the Endocrine Research Unit at Mayo Clinic, Rochester, MN, USA. I was responsible for the day-to-day running of a large Programme Project Grant – 'The Pathogenesis of Sarcopenia and Metabolic Change in Aging' – PI Prof Sree Nair. NIH program grant

I was the Co-PI for 2 further large studies at Mayo Clinic that I wrote, developed and carried out:

- a) Assessing the effects of dehydroepiandrosterone replacement on the mood of adrenalectomised / hypoadrenal subjects PI Prof Sree Nair
- b) Assessing the effects of insulin deprivation and reintroduction on mitochondrial protein dynamics in subjects with type 1 diabetes. PI Prof Sree Nair

Higher Degrees Supervised at UEA

I have been the local (secondary) supervisor for four MD students:

- a) Dr Khin Swe Myint. Cardiac function and obesity: Effects of weight loss. 2010 (primary supervisor, Prof Nick Finer, Addenbrooke's Hospital).
- b) Dr Alistair Green. Small fibre function assessed using the LDI flare technique in subjects with type 1 diabetes mellitus and impaired glucose tolerance. 2009 (primary supervisor Dr Gerry Rayman, Ipswich Hospital).
- c) Dr Sanjeev Sharma. Studies of the use of the Modified LDIFlare technique to investigate early small fibre dysfunction in a variety of clinical outcomes associated with neuropathy (Primary supervisor Dr Gerry Rayman, Ipswich Hospital).
- d) Dr Rajesh Rajendran. Do inpatient diabetes teams improve health outcomes in hospitalised patients with diabetes by whole systems change and innovations in care? (Primary supervisor Dr Gerry Rayman, Ipswich Hospital).

I am clinical supervisor for a current NIHR funded PhD fellowship:

- a) Catherine Gooday. ICA-CDRF-2015-01-050. Defining outcome measures for acute Charcot neuroarthropathy in diabetes and their use in assessing clinical management.

I was clinical supervisor / co-investigator for a further PhD application:

- a) Dr Katharina Mattishent. Hypoglycaemia and serious adverse events in older people living with diabetes and dementia. 2019

I have been on the advisory panel for another PhD:

- a) Supaporn Trongsakul. Self-care and cognitive impairment predictors among the elderly with type 2 diabetes in Thailand. 2013

Membership of Learned or Professional Societies

American Association of Clinical Endocrinologists
American Diabetes Association
Association of British Clinical Diabetologists (ABCD)
British Medical Association
Diabetes in Asia Study Group (Lifetime member)
Diabetes UK
Endocrine Society
Royal College of Physicians
Royal Society of Medicine
Society for Endocrinology

General Interests

Cinema and film
Martial Arts, I am a Third Dan in Iaido and First Dan in Aikido
I enjoy trying to keep fit

Invited Lectures Given

1. Royal College of Nursing Nurse Practitioner Association National conference – ‘Nurses & Doctors Working Together in Diabetes’ Liverpool November 2008
2. Royal College of Nursing Nurse Practitioner Association National conference – Responding to patients obesity needs whatever the setting Buxton November 2009
3. 2nd Diabetes Inpatient National Network meeting – ‘Steroids in hospital London December 2008
4. Royal Pharmaceutical Society of Great Britain (Norfolk Branch) – The management of Obesity Norwich November 2009
5. Royal College of Physicians Teach-in – The management of Diabetic Ketoacidosis in Adults May 2010
6. ABCD SpR’s meeting – ‘Meet the expert’ – The management of hypogonadism in the male patient with type 2 diabetes London November 2010
7. JBDS peri-operative guidelines – Diabetes UK plenary session London April 2011
8. Diabetes and the eye – Specsavers International Helsinki May 2011 and May 2013
9. The e-learning package for the safe use of intravenous insulin – Diabetes UK plenary session March 2012
10. Inpatient diabetes – Inaugural meeting of YDF Northern Ireland – April 2012
11. Society for Acute Medicine Annual Conference – Manchester October 2012
12. Enhanced Recovery After Surgery Society for Perioperative Care meeting – Nice October 2012
13. Perioperative diabetes care for trainees – YDF day – Manchester March 2013
14. JBDS perioperative guidelines – Impact on elective diabetes care – Diabetes UK plenary session Manchester March 2013
15. 8th Cardiorenal Forum, Do new drugs for diabetes hold cardiovascular promise? London October 2013
16. The management of diabetes related emergencies. Royal College of Physicians Acute and General Medicine for the Physician October 2013
17. Diabetes guidelines and their implementation – Association of British Clinical Diabetologists SpR Meeting – London November 2013
18. Peri-operative diabetes care – Irish Orthopaedic Anaesthetists Association - Dublin November 2013
19. The peri-operative management of patients with diabetes – Royal Society of Medicine January 2014
20. The management of glucocorticoid induced hyperglycaemia – Diabetes UK plenary session March 2014
21. What should a national antibiotic foot formulary look like? – 15th Malvern Foot Conference May 2014
22. Diabetes and the eye – Specsavers Professional Advancement Conference Birmingham October 2014
23. Peri-operative glycaemic control – is it important? - NCEPOD launch of amputation document London November 2014
24. Update in Diabetic Ketoacidosis (DKA) and Hyperglycemic Hyperosmolar State (HHS) – American Endocrine Society meeting, San Diego, March 2015
25. National Audit of DKA following introduction of the JBDS Guideline – Diabetes UK, London, March 2015
26. Diabetes and the eye – Specsavers Scandinavia (Copenhagen, Stockholm, Oslo) October 2015
27. Emergencies in patients with diabetes mellitus. Royal College of Physicians / Cambridge Medical Seminars, Cambridge November 2015
28. ‘Fasted and consented but blood glucose 18: how to manage diabetes in the peri-operative period’ – Royal College of Physicians on London Teach-in, London March 2016
29. Diabetes related emergencies. International Annual Scientific Meeting of the Association for Clinical Biochemistry and Laboratory Medicine. Warwick April 2016
30. An update on the management of DKA. Association of British Clinical Diabetologists Spring Meeting, Manchester, April 2016.
31. Prevention and management of diabetes related foot problems: The law according to NICE. 1st National Greek Podiatry Conference. Athens September 2016
32. What happens, when the bomb has exploded — Charcot foot. FDUK. Harrogate 2016
33. Diabetes guidelines and their implementation – Key Scientific Leaders meeting, Vienna 2017
34. Glycaemic control in the patient with diabetes undergoing revascularisation - CX meeting, London, 2017
35. Management of hyperglycaemia in people without known diabetes. 2nd Advancing Inpatient Diabetes Care, London 2017
36. The management of diabetes related emergencies: The SS Ajaonkar oration at the 17th International Symposium on Diabetes, Mumbai, 2018
37. Management of the Charcot foot. 17th International Symposium on Diabetes, Mumbai, 2018
38. Peri-operative management of the diabetic foot. 22nd European Vascular Course, Maastricht 2018
39. Glucose management of the hospitalized wound patient. European Wound Management Association. Krakow 2018
40. Can a good foot service reduce amputations? 17th Malvern Foot Conference. 2018

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41. Inpatient diabetes - RCP annual conference London 2018
 42. Peri-operative Glycaemic Management- Is it necessary, and if so how? 6th ESPEN Symposium on Perioperative Nutrition – Nottingham 2018
 43. Peri-operative Glycaemic Management- Is it necessary, and if so how? Preoperative Association conference – London 2018
 44. Management of challenging patients. Diabetes UK, Liverpool 2019
 45. Peri-operative diabetes care – East of England Inpatient Diabetes Care Group / Diabetes Clinical Network, Cambridge 2019
 46. Optimising peri-operative glycaemic management for the diabetic foot. 8th International Symposium on the Diabetic Foot (IWGDF), The Hague, 2019
 47. Preventing foot ulcers. Diabetes UK, Glasgow 2020 (Cancelled due to COVID)
 48. Why we issued guidance on peri-operative diabetes care. Diabetes UK, Glasgow 2020 (Cancelled due to COVID)
 49. Controversies in the management of DKA. – Key Scientific Leaders meeting, Berlin 2020 (Cancelled due to COVID)