



My Research Journey

Prof Ketan Dhatariya MBBS MSc MD MS FRCP PhD

Consultant in Diabetes and Endocrinology
Norfolk and Norwich University Hospitals





My Research Journey

or

A tale of getting to be the world's number 1 in my area of interest

Prof Ketan Dhatariya MBBS MSc MD MS FRCP PhD

Consultant in Diabetes and Endocrinology
Norfolk and Norwich University Hospitals



A Bit of Background

- I trained at the Middlesex and graduated in 1991
- I was unemployed for over a year trying to find a job and was a locum in D&E on the Isle of Wight for much of that time

The screenshot shows the BMJ website interface. The top navigation bar includes 'thebmj', 'covid-19', 'Research', 'Education', 'News & Views', 'Campaigns', 'Jobs', 'Archive', 'For authors', 'Hosted', and a search icon. Below the navigation bar, the page title is 'Personal Views' in orange. The main heading is 'I don't have prizes or publications'. The article information is 'BMJ 1997 ; 314 doi: https://doi.org/10.1136/bmj.314.7078.449a (Published 08 February 1997)' and 'Cite this as: BMJ 1997;314:449'. There are tabs for 'Article', 'Related content', 'Metrics', and 'Responses'. The article text reads: 'I am a British citizen. I have lived in Britain for 30 years. I was educated in south London. I am a graduate of an eminent London medical school. In March 1995 I gained my membership of the Royal College of Physicians at the first attempt ("no mean feat" said one interviewer). I have been unemployed for the past 18 months.' Below this, it says: 'I have applied for over a hundred jobs all over Britain—as a specialist medical registrar, as research registrar in the speciality that I have chosen to do, as a senior house officer in a related field with the hope of gaining a little more'. On the right side, there is a 'Tweet' button and an 'Article tools' section with options: '0 responses', 'Respond to this article', 'Print', 'Alerts & updates', and 'Citation tools'.

Background

- I trained in D&E in South Thames, and was a part time GP for 2 years in the evenings
 - All the while wanting to be an intensivist
- 1991 – 1998 I only worked in DGHs
- I took time out to do ITU and anaesthetics
- I did an MSc in diabetes

The prophylactic use of low dose dopamine for the prevention of radio opaque contrast media induced acute renal failure in diabetic patients with pre-existing renal impairment undergoing trans femoral angiography.

A comparison between the currently used dose with a lower dose of dopamine.

An MSc Thesis

By

Dr Ketan Dhatariya

June 1999

My Initial Research Idea.....

- Was thought of by someone else

The New England Journal of Medicine

Copyright © 2001 by the Massachusetts Medical Society

VOLUME 345

NOVEMBER 8, 2001

NUMBER 19

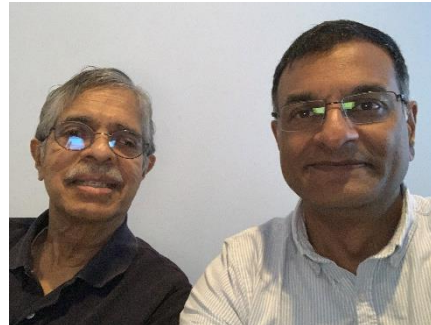


INTENSIVE INSULIN THERAPY IN CRITICALLY ILL PATIENTS

GREET VAN DEN BERGHE, M.D., PH.D., PIETER WOUTERS, M.Sc., FRANK WEEKERS, M.D., CHARLES VERWAEST, M.D.,
FRANS BRUYNINCKX, M.D., MIET SCHETZ, M.D., PH.D., DIRK VLASSELAERS, M.D., PATRICK FERDINANDE, M.D., PH.D.,
PETER LAUWERS, M.D., AND ROGER BOUILLON, M.D., PH.D.

However

- In my reading, one name kept cropping up
- I emailed him for help – and sent him a copy of my CV
- Sree Nair at Mayo Clinic, Rochester, MN, rang me the next day and said he had a job for me



Mayo Clinic – 2001 to 2003

- DHEA research – in adrenalectomized women and elderly men and women

The NEW ENGLAND
JOURNAL *of* MEDICINE

ESTABLISHED IN 1812

OCTOBER 19, 2006

VOL. 355 NO. 16

DHEA in Elderly Women and DHEA
or Testosterone in Elderly Men

K. Sreekumaran Nair, M.D., Ph.D., Robert A. Rizza, M.D., Peter O'Brien, Ph.D., Ketan Dhatariya, M.D., M.R.C.P., Kevin R. Short, Ph.D., Ajay Nehra, M.D., Janet L. Vittone, M.D., George G. Klee, M.D., Ananda Basu, M.D., Rita Basu, M.D., Claudio Cobelli, Ph.D., Gianna Toffolo, Ph.D., Chiara Dalla Man, Ph.D., Donald J. Tindall, Ph.D., L. Joseph Melton, III, M.D., Ph.D., Glenn E. Smith, Ph.D., Sundeep Khosla, M.D., and Michael D. Jensen, M.D.

A Couple of Degrees and a Few Papers

Assessing the Effects of Dehydroepiandrosterone (DHEA) Replacement on the Mood and Well-Being of Hypoadrenal Women

Assessing the Effects of Dehydroepiandrosterone (DHEA) Replacement on Insulin Sensitivity, Body Composition, and Skeletal Muscle Physiology in Hypoadrenal Women

Intensive Care Med (2003) 29:1877-1880
DOI 10.1007/s00134-003-1981-y **CLINICAL COMMENTARY**

Ketan K. Dhatriya **Is there a role for dehydroepiandrosterone replacement in the intensive care population?**

Review

Dehydroepiandrosterone: Is There a Role for Replacement?

Dr Ketan Kumar Dhatriya, MBBS, MRCP(UK), MSc, and K. Sreekumaran Nair, MD, PhD

Effect of Dehydroepiandrosterone Replacement on Insulin Sensitivity and Lipids in Hypoadrenal Women

In Partial Fulfillment of the Requirement for the Degree of Doctor of Medicine
Ketan Dhatriya, Maureen L. Bigelow, and K. Sreekumaran Nair
February 2004

ORIGINAL ARTICLE

Effect of Insulin Deprivation on Muscle Mitochondrial ATP Production and Gene Transcript Levels in Type 1 Diabetic Subjects

Helen Karakelides,¹ Yan W. Asmann,¹ Maureen L. Bigelow,¹ Kevin R. Short,¹ Ketan Dhatriya,¹ Jill Coenen-Schimke,¹ Jane Kahl,¹ Debabrata Mukhopadhyay,² and K. Sreekumaran Nair¹

ORIGINAL ARTICLE

Dehydroepiandrosterone Replacement Therapy in Hypoadrenal Women: Protein Anabolism and Skeletal Muscle Function

KETAN K. DHATARIYA, MSc, MD, FRCP; LAURA J. S. GREENLUND, MD, PhD; MAUREEN L. BIGELOW, RN; PRABIN THAPA, MS; ANN L. OBERG, PhD; G. CHARLES FORD, MSc; JILL M. SCHIMKE, MSc; AND K. SREEKUMARAN NAIR, MD, PhD

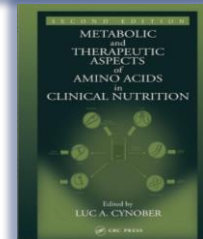
The FASEB Journal • Research Communication

Higher muscle protein synthesis in women than men across the lifespan, and failure of androgen administration to amend age-related decrements

Gregory C. Henderson, Ketan Dhatriya, G. Charles Ford, Katherine A. Klaus, Rita Basu, Robert A. Rizza, Michael D. Jensen, Sundeep Khosla, Peter O'Brien, and K. Sreekumaran Nair¹
Division of Endocrinology, Mayo Clinic, Rochester, Minnesota, USA

Effect of Dehydroepiandrosterone Replacement on Lipoprotein Profile in Hypoadrenal Women

Manivannan Srinivasan, Brian A. Irving, Ketan Dhatriya, Katherine A. Klaus, Stacy J. Hartman, Joseph P. McConnell, and K. Sreekumaran Nair



Norwich

- I arrived in 2004
- Mike Sampson told me 'chose 1 small subject area and stick to it'
- I chose to stick to diabetes and endocrinology
 - Adrenal, pituitary, thyroid, gonads, pancreas, eyes
 - General medicine

Feet

- I took over the foot clinic in 2007
- It is now one of the largest in the UK
- So far we have published (on average) 3-4 papers per year
- We are a 'go to' centre for foot research in the UK
- I'm on the International Working Group for the Diabetic Foot Guideline writing group
- Catherine Gooday, the principal podiatrist, has just been awarded her PhD

Number 11 in England for Diabetic Foot Expertise

Diabetic Foot: England - Experts | https://expertscape.com/ex/diabetic+foot/s/en

expertscape Your first step to a Second Opinion

Diabetic Foot

Expertise in Diabetic Foot: @ England

Based on 597 eligible articles published since 2012

In each column, black bars show the relative amount of expertise for each place or person. Longer is better. For example, D Armstrong equates to the top-rated expert in Diabetic Foot in England during the years 2012-2022.

Country

Includes continents

- Worldwide
- Europe
- United Kingdom

Region

Includes US states, etc.

- England
- Nottinghamshire
- Oxfordshire
- Hampshire
- Derbyshire
- Staffordshire
- Leicestershire
- West Yorkshire
- Norfolk
- North Yorkshire
- West Midlands
- Merseyside
- South Yorkshire
- Tyne and Wear
- Devon
- Lancashire
- Cambridgeshire
- Suffolk
- East Sussex
- Cheshire
- Surrey
- Bedfordshire

City

Includes metro areas

- London, EN
- Manchester, UK
- Nottingham
- Oxford, EN
- Southampton, UK
- Derby
- Bristol
- Stoke on Trent
- Leicester
- Norwich
- Leeds
- York, UK
- Birmingham, UK
- Basingstoke
- Liverpool
- Sheffield
- Newcastle upon Tyne
- Coventry
- Preston
- Huddersfield
- Plymouth, EN
- Hull, UK

Institution

Add your Visit us button • Details

- University of London
- Manchester Academic Health Science Centre
- University of Manchester
- King's College London
- University of Oxford
- Nottingham University Hospitals NHS Trust
- King's College Hospital
- University of Southampton
- St. George's Hospital Medical School
- Imperial College London
- Imperial College School of Medicine
- Derby Hospitals NHS Trust
- Manchester University Hospitals NHS Trust
- Manchester Metropolitan University
- University of Bristol
- Manchester Royal Infirmary
- University College London
- Norfolk and Norwich University Hospital
- University Hospitals Leicester NHS Trust
- Miscellaneous institutions in London, EN
- University of Nottingham
- Miscellaneous institutions in Stoke on Trent

Expert

Add your Consult me button • Details

- Armstrong, D
- Lipsky, B A
- Hinchliffe, R
- Jeffcoate, W
- Boulton, A J
- Game, F
- Uckay, I
- Edmonds, M
- Vas, P
- Bowling, F L
- Jude, E
- Chen, S
- Dhatariya, K**
- Vileikyte, Loretta
- Forsythe, R O
- Ahluwalia, R
- Driver, V
- Brownrigg, J
- Rayman, G
- Reeves, Neil D
- Vedhara, K

Other Things

- Norfolk Diabetes Prevention Study
- Flavonols
- Dementia
- Eyes

JAMA Internal Medicine | [Original Investigation](#)

Lifestyle Intervention With or Without Lay Volunteers to Prevent Type 2 Diabetes in People With Impaired Fasting Glucose and/or Nondiabetic Hyperglycemia A Randomized Clinical Trial

Michael Sampson, MD; Allan Clark, PhD; Max Bachmann, PhD; Nikki Garner, MPhil; Lisa Irvine, PhD; Amanda Howe, MD; Colin Greaves, PhD; Sara Auckland, PhD; Jane Smith, PhD; Jeremy Turner, DPhil; Dave Rea; Gerry Rayman, MD; Ketan Dhatariya, PhD; W. Garry John, PhD; Garry Barton, PhD; Rebecca Usher, MSc; Clare Ferns; Melanie Pascale, PhD; for the Norfolk Diabetes Prevention Study (NDPS) Group

The effects of hypoglycaemia and dementia on cardiovascular events, falls and fractures and all-cause mortality in older individuals: A retrospective cohort study

Katharina Mattishent MRCP¹ | Kathryn Richardson PhD² | Ketan Dhatariya PhD³ | George M. Savva PhD⁴ | Chris Fox MD¹ | Yoon K. Loke MD¹

Chronic Ingestion of Flavan-3-ols and Isoflavones Improves Insulin Sensitivity and Lipoprotein Status and Attenuates Estimated 10-Year CVD Risk in Medicated Postmenopausal Women With Type 2 Diabetes

A 1-year, double-blind, randomized, controlled trial

PETER J. CURTIS, PHD¹
MIKE SAMPSON, MD²
JOHN POTTER, MD¹

KETAN DHATARIYA, MD²
PAUL A. KROON, PHD³
AEDIN CASSIDY, PHD¹

The global prevalence of diabetes is increasing, with recent predictions suggesting that complications of diabetes accounts for 7% of all-cause mortality and

Diabetes Ther
<https://doi.org/10.1007/s13300-022-01241-z>

ORIGINAL RESEARCH

The Association Between Glycaemic Control, Renal Function and Post-operative Ophthalmic Complications in People With Diabetes Undergoing Cataract Surgery—A Single-Centre Retrospective Analysis

... · Ian Nunney · Ketan K. Dhatariya

Diabetes Ther (2021) 12:2755–2766
<https://doi.org/10.1007/s13300-021-01146-3>

ORIGINAL RESEARCH

The Association Between Mean Glycated Haemoglobin or Glycaemic Variability and the Development of Retinopathy in People with Diabetes: A Retrospective Observational Cohort Study

Ketan Dhatariya · Alexander Humberstone · Abul Hasnat · Rebecca Wright · Morgan Lujan · Ian Nunney

Number 7 in the UK for Diabetes Expertise

Diabetes Mellitus: United Kingdom - Expertscape.com

Expertise in Diabetes Mellitus: @ United Kingdom

Based on 9,144 eligible articles published since 2012

In each column, black bars show the relative amount of expertise for each place or person. Longer is better. For example, K Khunti equates to the top-rated expert in Diabetes Mellitus in the United Kingdom during the years 2012-2022.

Country	Region	City	Institution	Expert
Worldwide	England	London, EN	University of London	Khunti, K
Europe	Scotland	Oxford, EN	Imperial College London	Davies, M
United Kingdom	Oxfordshire	Cambridge, UK	Imperial College School of Medicine	Sattar, Naveed
	Cambridgeshire	Miscellaneous cities in United Kingdom	University College London	Packer, M
	West Midlands	Glasgow	King's College London	Gregg, Edward
	Leicestershire	Manchester, UK	University of Oxford	Sinclair, A
	Wales	Leicester	University of Cambridge	Dhatariya, K
	Merseyside	Birmingham, UK	University of Glasgow	Wilding, J
	Devon	Liverpool	University of Leicester	Bain, S
	Northern Ireland	Edinburgh	Manchester Academic Health Science Centre	Petrie, Mark
	Tyne and Wear	Exeter	University of Manchester	Ajjan, R
	Hampshire	Newcastle upon Tyne	UCL Medical School	Simmons, David
	West Yorkshire	Southampton, UK	University of Birmingham	Heller, S R
	South Yorkshire	Bristol	University of Exeter	Teede, H
	Nottinghamshire	Sheffield	University of Liverpool	Neai, Bruce
	Norfolk	Leeds	University of Edinburgh	Saidu, S
	Surrey	Nottingham	Miscellaneous institutions in London, EN	Oram, R
	Derbyshire	Dundee	Medical Research Council	Tsapas, A
	Staffordshire	Belfast	University Hospitals Leicester NHS Trust	Sathyapalan, T
	North Yorkshire	Coventry	Newcastle University	Mikhailidis, D P
	Cheshire	Cardiff	University of Southampton	Hovorka, R
	East Sussex	Norwich	Queen Mary University of London	Murphy, H R
	Berkshire	Swansea	Guy's and St Thomas' NHS Trust	Hattersley, A
	Lancashire	Guildford	University of Bristol	Pearson, E
	Hertfordshire	Hull, UK	University of Leeds	le Roux, Carel W
	Dorset	Ulster	Leicester General Hospital	Sivaprasad, S
	Suffolk	Derby	Derby	Evans-Molina, Carmela
	Somerset	Stoke on Trent	Barts Health NHS Trust	Balley, Clifford J
	Buckinghamshire	Aberdeen	Queen's University Belfast	
	Northamptonshire	Brighton	University of Nottingham	
			University of Sheffield	

A Few Other Achievements

- Since 2016 I've been the Chair of the 'Exit' exam in D&E (and was the chair of the European exam as well)
- I'm an associate editor on Diabetic Medicine and BMJ Diabetes
- I am on the research advisory boards for ABCD and DRWF
- I am currently guest editing editions of the Journal of Diabetes Science and Technology and also Metabolism and Target Organ Damage

Research Achievements

- Chair of the Data Safety Monitoring Board of 6 studies
- Adjudicator in large multinational studies (got to go to FDA)
- Local PI for dozens of commercial studies, and National lead for a current study (also a member of the global panel)

Inpatient Diabetes

- I chair the Joint British Diabetes Societies for Inpatient Care
- Guidelines downloaded over 1 million times
- Used globally

What Guidelines are Those Then?

• <i>The hospital management of hypoglycaemia in adults with diabetes mellitus</i>	JBDS 01
• <i>The management of diabetic ketoacidosis in adults</i>	JBDS 02
• <i>Management of adults with diabetes undergoing surgery and elective procedures: improving standards</i>	JBDS 03
• <i>Self-management of diabetes in hospital</i>	JBDS 04
• <i>Glycaemic management during the inpatient enteral feeding of stroke patients with diabetes*</i>	JBDS 05
• <i>The management of the hyperosmolar hyperglycaemic state (HHS) in adults with diabetes</i>	JBDS 06
• <i>Admissions and management of adults with diabetes in hospital</i>	JBDS 07
• <i>Management of adults with diabetes in hospital</i>	JBDS 08
• <i>The use of variable rate insulin in hospital</i>	JBDS 09
• <i>Discharge planning for adult inpatients with diabetes</i>	JBDS 10
• <i>Management of adults with diabetes on the haemodialysis unit*</i>	JBDS 11
• <i>Management of glycaemic control in pregnant women with diabetes on obstetric wards and delivery units</i>	JBDS 12
• <i>The management of diabetes in adults and children with psychiatric disorders in inpatient settings*</i>	JBDS 13
• <i>A good inpatient diabetes service</i>	JBDS 14
• <i>Inpatient care of the frail older adult with diabetes</i>	JBDS 15
• <i>Diabetes at the front door</i>	JBDS 16
• <i>Diabetes in people living with cancer</i>	JBDS 17
• <i>Diabetes related devices in the hospital*</i>	

Type “JBDS Guidelines” into Google

PhD

**The Management of Hospital In-patients with
Diabetes Mellitus**

Dr Ketan Dhatariya

A thesis submitted for the degree of

PhD by Publication

Candidate Number 10088546

School of Medicine

University of East Anglia

Norwich, England

October 2017

©This copy of the thesis has been supplied on condition that anyone who consults it is understood to recognise that its copyright rests with the author and that use of any information derived there from must be in accordance with current UK Copyright Law. In addition, any quotation or extract must include full attribution

Diabetic Ketoacidosis

Diabetic ketoacidosis

Saline should be used for fluid replacement rather than Hartmann's solution



Ketan K Dhatariya consultant in diabetes and endocrinology Norfolk and Norwich University Hospital NHS Trust, Elsie Bertram Diabetes Centre, Norwich NR4 7U
ketan.dhatariya@nnuh.nhs.uk

Competing interests: None declared.

Provenance and peer review: Non-commissioned; externally peer reviewed.

BMJ 2007;334:1284-5
doi: 10.1136/bmj.39237.661111.80

1284

Diabetic ketoacidosis is a life threatening condition caused by insulin deprivation or inadequate use of insulin in people with type 1 (or occasionally type 2) diabetes mellitus. Precipitants include deliberate insulin omission, intercurrent illness, surgery, trauma, alcohol, late presentation of previously undetected type 1 diabetes, and the use of drugs that alter carbohydrate metabolism.¹ People with diabetic ketoacidosis need swift intervention by specialists because of the substantial morbidity and mortality arising from the acid-base imbalance, profound fluid loss, and electrolyte disturbances.

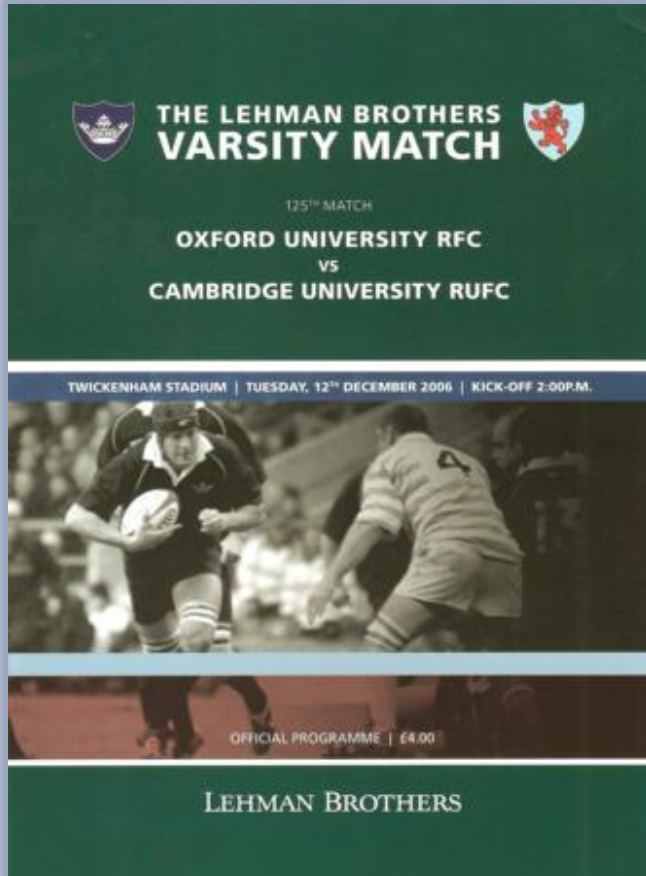
Current guidelines written by diabetes specialists from the United States and the United Kingdom recommend initial replacement of fluids and electrolytes and intravenous insulin.¹⁻² The fluid advocated in these guidelines is 0.9% saline. However, people may be treated by emergency and intensive care doctors as well as diabetes specialists, and the type of fluid used can vary.

During the first few hours of hospital admission many people with diabetic ketoacidosis are treated by emergency or intensive care doctors who com-

monly prefer to use Hartmann's solution (sodium lactate intravenous infusion).³ Subsequent care is usually delivered by the diabetes team, who prefer to use 0.9% saline. The conflict arises because guidelines for fluid replacement in the acute setting are written by diabetes specialists,¹⁻² whereas no widely accepted guidelines have been written by emergency or intensive care doctors for fluid replacement in diabetic ketoacidosis.

For decades, 0.9% saline has been the fluid of choice for diabetic ketoacidosis, and its use continues to be advocated in modern textbooks on diabetes.⁴ Early studies on diabetic ketoacidosis in the 1970s used 0.9% saline,⁵ and this approach was reinforced a decade later.⁶ However, giving patients large amounts of chloride can cause a hyperchloraemic metabolic acidosis,³⁻⁷ so administration of 0.9% saline for diabetic ketoacidosis could potentially worsen the metabolic acidosis. Thus, 0.9% saline may be the fluid of choice simply because evidence for the efficacy of other fluids is lacking. The question of which fluid replacement is optimal in patients with acute diabetic ketoacidosis is, therefore, still unanswered.

BMJ | 23 JUNE 2007 | VOLUME 334



DKA

Diabetic ketoacidosis in an adolescent and young adult population in the UK in 2014: a national survey comparison of management in paediatric and adult

Diabetic Ketoacidosis and Related Events With Sotagliflozin Added to Insulin in Adults With Type 1 Diabetes: A Pooled Analysis of the inTandem 1 and 2 Studies

associated diabetic ketoacidosis in type 2

Guidance on the management of Diabetic Ketoacidosis in the exceptional circumstances of the COVID-19 pandemic

The cost of treating diabetic ketoacidosis in the UK: a national survey of hospital resource use

K. K. Dhatariya¹, C. Skedgel² and R. Fordham²

Cite this as: *BMJ* 2013;346:f3825

Guidelines for management of diabetic ketoacidosis: time to revise?

Temporal trends in emergency admissions for diabetic ketoacidosis in people with diabetes in England before and during the COVID-19 pandemic: a population-based study

Shivani Misra, Emma Barron, Eszter Vamos, Stephen Thomas, Ketan Dhatariya, Partha Kar, Bob Young, Kamlesh Khurri, Jonathan Valabhji

JBDS-IP Joint British Diabetes Societies for Inpatient care

The Management of Diabetic Ketoacidosis in Adults*

Revised June 2021

The Journal of Clinical Endocrinology & Metabolism, 2022, XX, 1–2
<https://doi.org/10.1210/clinem/dgac301>
Advance access publication 11 May 2022

Commentary

ABCD Association of British Clinical Diabetologists
DIABETE! KNOW DIABETES. FIGHT!
Royal College of Physicians
The Assoc Clinical Laboratories

A survey of the implementation of the NHS... the management of... presenting with diabetic... in the UK: a need for...

Andrew Raffles⁴

Guidance on the management of Diabetic Ketoacidosis in the exceptional circumstances of the COVID-19 pandemic

of treating diabetic ketoacidosis in an adolescent in the UK: a national survey of hospital resource use

K. K. Dhatariya¹, C. Skedgel², V. Datta⁴, P. Hill⁴ and R. Fordham³

Potential Role of Ultrafast-acting Insulin Analogues in the Treatment of Diabetic Ketoacidosis

Theocharis Koufakis¹, Ketan K. Dhatariya^{2,3,4} and Kalliopi Kotsa¹

Incidence of Euglycemic Diabetic Ketoacidosis in... OXFORD
ENDOCRINE SOCIETY

Number 1 in the World for DKA Expertise

expertscape
Your first step to a Second Opinion

Need oncology expertise?
Ask one of our expert doctors

Cancer Consult
www.cancerconsult.fr

Diabetic Ketoacidosis

Expertise in Diabetic Ketoacidosis: Worldwide

Based on 2,585 eligible articles published since 2011

In each column, black bars show the relative amount of expertise for each place or person. Longer is better. For example, K Dhatariya equates to the top-rated expert in Diabetic ketoacidosis in the world during the years 2011-2021.

Get an expert 2nd opinion in 7 days
Cancer Consult
www.cancerconsult.fr

Country	Region	City	Institution	Expert
Worldwide	US Eastern Zone	New York area	Harvard University Boston	Dhatariya, K
USA	US Central Zone	Boston	University of Colorado system	Dhatariya, K
Europe	US Pacific Zone	New York City	University of Colorado Denver-Anschutz	Glaser, Nicole
Asia	New England	Denver	University of Colorado Denver-Auraria	Wolfsdorf, Joseph
Unspecified	England	Boulder	Yale University	Garg, Satish
United Kingdom	California	San Francisco Bay area	University of Washington	Peters, A
Germany	US Mid-Atlantic	Houston	Boston Children's Hospital	Umplierrez, G
Australia	New York	Washington area	University of Texas Southwestern	Bode, Bruce W
Canada	Massachusetts	Los Angeles area	University of California San Diego	McGuire, Darren K
Italy	US Mountain Zone	London, EN	University of Toronto	Kuppermann, Nathan
China	Texas	Seattle	University of Southern California	Hanas, Ragnar
Japan	Colorado	New Haven	Baylor College of Medicine	Rewers, Arieta
France	Connecticut	Los Angeles	Emory University	Buse, John B
India	Ontario	Dallas	Mount Sinai New York	Sperling, Mark A
Latin America	Florida	Atlanta	Mount Sinai Hospital New York	Akturk, H K
Africa	Washington	San Diego	INSERM France	Banks, Phillip
Denmark	Georgia	Research Triangle	University of California Davis	Pasquel, F J
Austria	Pennsylvania	Hannover	University of North Carolina Chapel Hill	Vavilala, Monica S
Spain	Maryland	Chicago	Miscellaneous institutions in New York City	Palmiere, Cristian
Multinational BioPharma	Federal Service	Toronto	University of London	Craig, M
Israel	North Carolina	St. Louis	Veterans Health System	Brink, Stuart
Greece	Missouri	Sydney	St. Michael's Hospital	Fritsch, M
Sweden	Illinois	Melbourne	Texas Children's Hospital	Beck, Roy W
			University College London	Barski, Leonid

Recently Down to Number 2

The screenshot shows a web browser displaying the Expertscape website. The page title is "Expertise in Diabetic Ketoacidosis: Worldwide". It features a navigation bar with options like "Pick Topic", "Review Topic", "List Experts", "Examine Expert", and "Save Expert". Below the navigation, there's a search bar containing "Diabetic Ketoacidosis". The main content area displays a bar chart showing expertise levels across various countries, cities, and institutions. A prominent advertisement for "Zebra Cards" is visible in the middle of the page.

Expertise in Diabetic Ketoacidosis: Worldwide

Based on 2,775 eligible articles published since 2012

In each column, black bars show the relative amount of expertise for each place or person. Longer is better. For example, Thomas Danne equates to the top-rated expert in Diabetic Ketoacidosis in the world during the years 2012-2022.

Country
Includes continents

- Worldwide
- USA
- Europe
- Asia
- Unspecified
- United Kingdom
- Australia
- Canada
- Germany
- China
- Italy
- France
- India
- Japan
- Latin America
- Africa
- Austria
- Denmark
- Israel
- Belgium
- Spain
- Multinational BioPharma
- Sweden

Region
Includes metro areas, etc.

- US Eastern Zone
- US Central Zone
- US Pacific Zone
- New England
- England
- California
- US Mid-Atlantic
- Massachusetts
- US Mountain Zone
- New York
- Texas
- Colorado
- Ontario
- Florida
- Connecticut
- US Federal Service
- North Carolina
- Washington
- Pennsylvania
- Georgia
- Maryland
- Illinois
- Michigan
- Missouri

City
Includes metro areas

- New York area
- Boston
- New York City
- Denver
- Boulder
- Washington area
- San Francisco Bay area
- Houston
- Los Angeles area
- Seattle
- London, EN
- New Haven
- Research Triangle
- Los Angeles
- Dallas
- San Diego
- Atlanta
- Toronto
- Chicago
- Hannover
- Sydney
- Melbourne
- US Dept of Veterans Affairs
- Paris

Institution
Add your [Visit url](#) button • Details

- Harvard University Boston
- University of Colorado system
- University of Colorado Denver-Anschutz
- University of Colorado Denver-Auraria
- University of Washington
- Yale University
- Boston Children's Hospital
- University of Toronto
- University of Texas Southwestern
- University of California San Diego
- Hannover Medical School
- Baylor College of Medicine
- University of Southern California
- Emory University
- Auf der Bult
- INSERM France
- Mount Sinai New York
- University of California Davis
- Mount Sinai Hospital New York
- Veterans Health System
- Miscellaneous institutions in New York City
- University of North Carolina Chapel Hill
- Norfolk and Norwich University Hospital
- University of London

Expert
Add your [Consult me](#) button • Details

- Danne, Thomas
- Dhatariya, K
- Wolfsdorf, Joseph
- Garg, Satish
- Glaser, Nicole
- Peters, A
- Umplierrez, G
- Akturk, H K
- McGuire, Darren K
- Buse, John B
- Rewers, Arleta
- Hanas, Ragnar
- Bode, Bruce W
- Pasquel, F
- Banks, Phillip
- Craig, M
- Sperling, Mark A
- Barski, Leonid
- Mathieu, Chantal
- Balasubramanyam, Ashok
- Brink, Stuart
- Laffel, L
- Fritsch, M
- Beck, Roy W

Hot off the Press

- I've been invited to be part of the writing group of the update for the American Diabetes Association consensus document on the management of hyperglycaemic crises

Reviews/Commentaries/ADA Statements

CONSENSUS STATEMENT

Hyperglycemic Crises in Adult Patients With Diabetes

ABBAS E. KITABCHI, PHD, MD¹
GUILLERMO E. UMPIERREZ, MD²

JOHN M. MILES, MD³
JOSEPH N. FISHER, MD¹

glucose utilization by peripheral tissues (12–17). This is magnified by transient insulin resistance due to the hyperosmolar

Guidelines for management of diabetic ketoacidosis: time to revise?



Barriers and Opportunities

- I have (almost) never had any dedicated research time or funding
- Everything has been done in my own time
- Despite having a full time NHS job, I have added something to PubMed every 5 weeks since 2004, with an H-index of 40, i-10 of 105
- I was named in the top 2% of scientists worldwide for citations and publications in 2019

PLOS BIOLOGY

FORMAL COMMENT

Updated science-wide author databases of standardized citation indicators

John P. A. Ioannidis^{1,2,3,4*}, Kevin W. Boyack⁵, Jeroen Baas⁶

Barriers and Opportunities

- I remain enthusiastic and committed
- I now have an afternoon off per week (I dropped a clinic session)
- I am forever hopeful that I can convince funders that inpatient diabetes and feet are something worth investing in



My Research Journey

www.norfolkdiabetes.com

ketan.dhatariya@nnuh.nhs.uk

 @ketandhatariya
 @JBDSIP

