#### **AUGUST 2022**

## Endo diabology

Editor: Owain Leng o.leng@nhs.net

Honorary editors:

Arut Vijayaraman, Shaz Wahid, Petros Perros

NORTHEAST NEWSLETTER for TRAINERS & TRAINERS

#### **WELCOME**

I hope everybody has managed to have some form of break over the summer; the last couple of years have been a challenge for all of us I am sure, and we are all in need of some rest and relaxation. One of the main hopes I have for Endodiabology is that it continues to serve as a reminder of all the great work and successes from across the region that have been achieved despite the difficulties of recent times.

My favourite thing about putting together Endodiabology are the many happy reminders of how lucky I feel such committed and talented colleagues here in the North East. This issue is no different, and it is a fantastic privilege to get the chance to celebrate the likes of Petros Perros, Shafie Kamaruddin and Philip Home in these pages (see 'Updates from across the Region' for more info).

It is also a privilege to see colleagues I trained with gain their CCT and take up consultant positions in the region. This progress has left a few vacancies in trainee leadership positions I believe, and I can honestly recommend these to the next generation. Getting involved with CME, MERIT, NEEN, STC, website or Endodiabology are great ways to develop and demonstrate leadership and to be involved in shaping the future of the D&E in the region. Do get involved, you won't regret it!

Thanks once again for your help and support, it is ever appreciated,

Owain

Keep up to date!

follow us on Twitter and check in with the regional website



### An Update from the TPD

#### Srikanth Mada

I am delighted to share some good news in this edition of Endodiabology.

**GMC NTS survey results 2022:** The NTS survey was carried out in April/May 22. I am still awaiting the result of the national training survey. I will share them with you ball as soon as I have a detailed analysis. Thank you to all the trainers and trainees who continue to support the GMC NTS survey.

**ARCP 2022:** Thank you for all the colleagues who supported the ARCP process. We had a successful ARCP in May 2022. 17 trainees had their ARCP in May 2022, out of which 2 were signed off as outcome 6, 12 achieved outcome 1 or 8, two was awarded outcome 2 and one was awarded outcome 3.

The quality of training was no different from pre-covid times and all trainees successfully managed to meet their training requirements and majority managed to perform well above ARCP requirements.

**Appraisal process:** The appraisal system continued for second year in a row. Appraisal system remained independent of ARCP process and received positive feedback.

Every trainee on the programme has had dedicated 1 hour appraisal with a panel that had minimum 3 consultants. This allowed us to uncouple the ARCP review process and concentrate on trainee development process.

**New Training Post:** HEE NE D&E has been allocated one additional training number. Thank you for the trusts who has expressed interest in supporting to host the additional spr post. The process was reviewed by Head of the school team and allocated to CDDFT (DMH site). Well done to the CDDFT team.

**New curriculum Aug 2022:** the GMC has signed off new Diabetes and Endocrinology due to be implemented from Aug 2022. Link to draft can be accessed via: https://www.jrcptb.org.uk/specialties/endocrinology-and-diabetes-mellitus

All the trainees currently in the programme, who are not ST7 will be moving into new curriculum from Aug 2022.

News from National eportfolio team:

- Expected implementation time line 2022:
- New curriculum August 2022
- Multiple consultant report August 2022
- New Educational supervisor's report: Q4 2022/ Q1 2023
- Summary of progression page Q2/Q3 2023

Here is the link for JRCPTB new curricula webinar to get info about the launch of new training curricula. https://player.rcplondon.ac.uk/live-sign-in/curricula-launch-webinar

Programme Support Officer (SPO) D&E: Ella Costello has been appointed as new D&E SPO to support the programme. Warm welcome to her and she can be reached on email: Ella.Costello@hee.nhs.uk. I take this opportunity to thank Mrs Laura West for all the support she has offered to all the trainers and trainees over the years. Great work and some will miss her lovely cakes too!

**Congratulations:** Well done to Dr Yasir Ishan and Dr Mona Abouzaid on successfully completing the training programme. Good luck for your career as new consultant.





## TRAINEE PLACEMENTS

September 2022—2023

#### **Specialist Trainee Postings**

Trainee allocation to units Aug/sept 2022 – Sept 2023 Change over date 2022 : September 5th

#### **James Cook University Hospital**

- •Syed Alvi (ST4)
- •Razan Rashid (LTFT)(ST6/7)
- •Helen Leaf (LTFT)(St4/5)
- •Oluwatosin Kayode (ST4)

#### **North Tees and Hartlepool Hospitals**

- •Muna Guma (LTFT)(ST5/6)
- •Hassan Pervez (ST6)

#### **Darlington Memorial Hospital**

- •Irfan Khan(ST6)
- •Abuzar Awadelkareem (ST4)

#### **University Hospital Of North Durham**

•Mudasir Ali (ST6/7)

#### North Tyneside General Hospital

•Lydia Grixti (ST4/5)

#### **Wansbeck General Hospital**

•Hady Gad (ST5/6)

#### **Queen Elizabeth Hospital**

•Japhet Olamari (ST4)

#### **South Tyneside District Hospital**

Ayat Bashir(ST3)

#### **Sunderland Royal Hospital**

•Wagar Ahmed (ST6)

#### **Newcastle Hospitals**

- •Razi Ahmed (ST 5/6)
- •Pan Sint (ST5)
- •Omer Osman (ST5)
- •May Loo (ST5/6)
- •Muhammed Tahir (ST6)
- •Kerri Devine (ST6)

#### TRAINEE LEADERSHIP ROLES

#### NEEN StR representatives

Vacant

#### STC trainee representative

Kerri Devine & Razan Rashid

#### CME committee

Mudassir Ali, Waqar Ahmed, Irfan Iqbal Khan, Muhammad Hassan Pervez

#### MERIT coordinators

May Loo, Muhammad Tahir Chohan

#### **NEEN Website Trainee Editor**

Vacant

#### TRAINING COMMITTTEE

#### **Programme Director**

Srikanth Mada srikanth.mada@nhs.net

#### **Education CME Leads**

Ashwin Joshi ashwin.joshi@chsft.nhs.uk Azmi Mohammed azmi.mohammed1@nhs.net

#### Quality Management Lead

Peter Carey peter.carey1@nhs.net

#### **Consultant Members**

Catherine Napier c.napier@nhs.net

Jean MacLeod jean.macleod3@nhs.net

Asgar Madathil asgar.madathil@nhct.nhs.uk

Salman Razvi salman.razvi@nhs.net

Paul Peter paulpeter@nhs.net

Sath Nag sath.nag@nhs.net

StR Representatives: Kerri Devine, Razan Rashid

# Training Update

#### Virtual CME

The CME programme has been continued to be successfully delivered via MS Teams. was delivered using Microsoft Teams. Recent virtual CME sessions have benefited from prominent national leaders including Sheffield's Prof John Newell-Price, Cardiff's Prof Aled Rees, Manchester's Dr Annice Mukherjee and Liverpool's Prof John Wilding in the programmes, along with excellent contributions from experts within the region.

A regional technology symposium for our trainees, organised by Mudassir Ali, was held in Newcastle this May. The session aimed to address some of the training needs that had been partly exacerbated by the disruption of the pandemic. This is an excellent example of a trainee-

led initiative, supported and encouraged by our local experts.



#### **Important Dates:**

Out of Sync ARCP: December 13th 2022

ARCP: May 4th and 5th 2023

G(I)M: July 2023

Trainer & Trainee meeting 2023: June 7th 2023

#### Other educational opportunities:

- ⇒ ABCD conference, 7-8th September 2022, Birmingham
- ⇒ RCPE Diabetes & Endocrinology

  Symposium, 6th October, Hybrid Event
- ⇒ SfE 14- 16 November November, Harrogate
- ⇒ Diabetes UK 26th -28th April 2023, Liverpool

## Training Tips

**Documenting CCU & ITU experience** It is essential that trainees document their CCU and ITU experience. This is best done by keeping a summary log of the cases seen on CCU and ITU and linking with reflection or assessment. This should then be signed off by your Educational Supervisor so it can be used for the G(I)M ARCP process

#### Critical incidents

If you are involved in a critical incident please inform your supervisor and the TPD. It is important to reflect on incidents in your portfolio, but seek advice on how to best do this from your educational supervisor.

## **Training Insight:** an Endocrine Laboratory Rotation

Our Practice of endocrinology relies heavily on accurate laboratory measurements. Small changes in hormone levels, biomarkers or molecular markers can be an earlier indicator of disease than the appearance of physical symptoms.

Understanding the basic principles of method validation and quality control is essential for us as an endocrinologist. Hence, it is essential to collaborate our effort effectively with the endocrinology lab to have a better understanding.

Exposure to such an area of expertise is, unfortunately, missing for many endocrinology trainees, and they could have a very limited exposure to the complexity of laboratory diagnosis and which will result in the loss of competency in the interpretation of hormonal tests.

The new curriculum highlighted this particular area to be implemented in our learning demands, and therefore, it needs to become a required part of our personal development plan

I am looking forward to implementing endocrine laboratory rotation in our training programme.

An excellent and comprehensive programme was produced by the Endocrine Laboratory team at RVI to match my learning objectives during my placement in Endocrine Lab, this includes:

- 1. The development of analytic methods for assessing endocrine disorders
- 2. Different immunoassays, main issues with it
- 3. Mass Spectrometry
- 4. Analytic validation and clinical reporting

Always remember, that we are important MDT members, therefore, we should have some understanding of this particular area which is linked directly to our speciality which will include (Pathology, radiology and Chemistry). My message is to always be proactive and think about how can we be better.

Finally, I would like to thank Christopher Boot and all the endocrine laboratory members who appreciated such learning opportunities and invested time in me. Special thanks to Dr Catherine Napier and the RVI registrar who supported my idea.



Muna Guma



It was my tremendous pleasure to represent my North East region with Kerri Devine as a committee member, in the first Early career Physicians & Investigators Conference (EPIC) in the UK supported by SfE .

Very grateful for such an opportunity to meet and chair excellent PhD postgraduates, clinicians and medical students. Meeting those brilliant colleagues from various deaneries and learning from all these incredible researchers and clinicians has been very inspirational.

EPIC is organised and run entirely by early career researchers and clinicians with the aim of providing a forum for individuals independent of senior figures. This will enable attendees to present their research and network in a peer-focused environment. We have a variety of sessions planned which encompass endocrinology, diabetes and metabolism-related research. The conference is funded by the Society for Endocrinology and is free to attend to all early-career researchers and clinicians in training in the UK.

Muna Guma



## Updates from across the region

#### Honours News

Congratulations to Shafie Kamaruddin, who has been recognised with an MBE for his work for the NHS. It is a delight to see the commitment and work of such a well regarded and respected regional colleague be recognised at a national level.



#### **Appointments**

A very warm welcome to Ahmed Hanafi, who has moved from the West Yorkshire deanery taken up a consultant post this year at James Cook University Hospital. Many congratulations on your appointment, and welcome to the North East!

Congratulations also to Mona Abouzaid for her appointment as a consultant at James Cook University Hospital, and to Su Ann Tee in taking up her consultant role at the QE Gateshead. It is always great to see local trainees taking up consultant positions in the region, and we wish them every success.

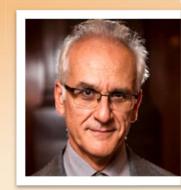
#### Philip Home—Insulin, Insight and Internationalism



Diabetes Care has recognised the huge contribution of **Philip**Home to the field in an extended profile piece. The article charts his career and research impact, but which also sets out the scale of progress in diabetes care that he has been a central player in advancing. It is well worth a read, both to better understand the journey of diabetes care and also as inspiration for the possibili-



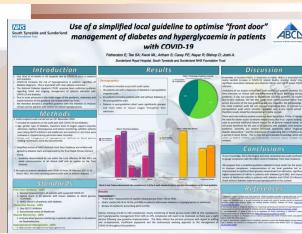
Petros Perros has had a huge influence on generations of D&E trainees in the North East, as well as his sizable contributions to research and advancing the quality of care. His support for trainees was greatly appreciated. Despite all his academic and clinical successes, he always had the utmost time and regard for his patients, and they accordingly held him in the highest regard in return. His retirement is certainly well-earned, and although he will be sorely missed in Newcastle and the region, we wish him every happiness in his retirement.





#### Congratulations!

Congratulations to Su Ann Tee, Elizabeth Fetherston, Mei-Lan Kwok, Satish Artham, Peter E Carey, Rahul Nayar, David Bishop and Ashwin Joshi for their prize-winning Quality Improvement Project: *Use of a simplified local guideline to optimise "front door" management of diabetes and hyperglycaemia in patients with COVID-19.* This project was the winner of the British Journal of Diabetes 2021 Quality Improvement Award. Their poster is available to review online: URL: abcd.care/sites/abcd.care/files/site\_uploads/Posters/



## Publications from across the Region

Yi Shiau Ng, Albert Zishen Lim, Grigorios Panagiotou, Doug M Turnbull, Mark Walke. Endocrine Manifestations and New Developments in Mitochondrial Disease. Endocrine Reviews, bnab036,

Phowira J, Coffey KL, Bartholomew PH, Vennart N, Moreira M, Emerson H, Kennedy D, Weaver JU. Radioactive Iodine for the Treatment of Subclinical Thyrotoxicosis Grade 1 and 2: Outcome of up to 18-Year Follow Up. Front Endocrinol (Lausanne). 2022 Mar 9;13:843857.

Ahmad W, Bates C, Dale L, et alNewly diagnosed type 1 diabetes in a 93 year oldBMJ Case Reports CP 2022;15:e246799.

Waqar Ahmad , Sajeel Ahmed , Grigorios Panagiotou & Simon Pearce. Imaging screening for lung cancer required at diagnosis and at 6 months after established diagnosis of SIADH? A retrospective Audit of real-life clinical practice. Endocrine Abstracts SFEBES2021

Javaid U, Kennedy D, Addison C, Tsatlidis V, Razvi S. Frequency, determinants and costs of thyroid function testing in a laboratory serving a large population. European Journal of Endocrinology. 2022 May 1;186(5):553-60.

Al-Sharefi A and Kalhan A :diabetes and lipid metabolism, chapter 6 in : Best of 5 MCQ for Endocrinology and Diabetes , 2nd Edition ; Feb 22: Oxford university press

Aceves-Martins M, Quinton R, Brazzelli M, Cruickshank M, Manson P, Hudson J, Oliver N, Hernandez R, Aucott L, Wu FCW, Dhillo WS, Bhattacharya S, Gilles K & Jayasena CN on behalf of NIHR Testosterone Efficacy & Safety (TestES) Consortium. Identifying the outcomes important to men with hypogonadism: a qualitative evidence synthesis. Andrology. 2022; 10: 625–641.

Jayasena CN, Anderson RA, Llahana S, Barth JH, MacKenzie F, Wilkes S, Smith N, Sooriakumaran P, Minhas S, Wu FCW, Tomlinson J & Quinton R. Society for Endocrinology guidelines for testosterone replacement therapy in male hypogonadism. Clinical Endocrinology. 2022; 96: 200–219.

Swee DS & Quinton R. Current concepts surrounding neonatal hormone therapy for boys with congenital hypogonadotropic hypogonadism. Expert Review of Endocrinology & Metabolism. 2022; 17: 47–61.

Jayasena CN & Quinton R. Male hypogonadism and testosterone replacement — Guidance from the Clinical Committee of the Society for Endocrinology. The Endocrinologist. 2022; 143: 14–15.

Giovanelli L & Quinton R. Distinguishing self-limited delayed puberty from permanent hypogonadotropic hypogonadism: how and why? Journal of Clinical Endocrinology & Metabolism. 2022; 107: e2200–e2201.

Giovanelli L & Quinton R. Erythrocytosis in a large cohort of trans men using testosterone: a long-term follow-up study on prevalence, determinants, and exposure years. Journal of Clinical Endocrinology & Metabolism. 2022; 107: e440-e441.

Stacey MJ, Hill NE, Parsons IT, Wallace J, Taylor N, Grimaldi R, Shah N, Marshall A, House C, O'Hara JP, Brett SJ, Woods DR. Relative changes in brain and kidney biomarkers with Exertional Heat Illness during a cool weather marathon. PLoS One. 2022 Feb 17;17(2):e0263873. doi: 10.1371/journal.pone.0263873. PMID: 35176088; PMCID: PMC8853487.

Parsons IT, Ellwood J, Stacey MJ, Gall N, Chowienczyk P, Woods DR. Risk factors for reflex syncope in the British Army. BMJ Mil Health. 2022 Feb 17:e002040. doi: 10.1136/bmjmilitary-2021-002040.

Elia A, Woods DR, Barlow MJ, Lees MJ, O'Hara JP. Cerebral, cardiac and skeletal muscle stress associated with a series of static and dynamic apnoeas. Scand J Med Sci Sports. 2022 Jan;32(1):233-241. doi: 10.1111/sms.14067.

Stacey MJ, Brett S, Fitchett G, Hill NE, Woods D. What do environment-related illnesses tell us about the character of military medicine and future clinical requirements? BMJ Mil Health. doi: 10.1136/bmjmilitary-2021-001934. Epub ahead of print.

Parsons I, Ellwood J, Stacey MJ, Gall N, Grundy-Bowers M, Chowienczyk P, Woods D. Reflex syncope in the UK Armed Forces. BMJ Mil Health. doi: 10.1136/bmjmilitary-2021-001945. Epub ahead of print.

Christopher J Boos, Adrian Mellor, David R Woods, John Paul O'Hara The effect of High Altitude Acclimatisation on Ultra-short Heart Rate Variability. Front Cardiovasc Med. 2022 Mar 28;9:787147. doi: 10.3389/fcvm.2022.787147. eCollection 2022.

Parsons IT, Hockin BCD, Taha OM, Heeney ND, Williams EL, Lucci VM, Lee RHY, Stacey MJ, Gall N, Chowienczyk P, Woods DR, Claydon VE. The effect of water temperature on orthostatic tolerance: a randomised crossover trial. Clin Auton Res. 2022 Apr 23. doi: 10.1007/s10286-022-00860-7. Epub ahead of print. PMID: 35461434.

Michael Stacey, Robert M Gifford and David Woods. Safer care for patients with adrenal insufficiency: weighing the evidence, balancing risks and acknowledging uncertainties. Clinical Medicine 2021 Vol 21, No 5: e541–2.

Hegedüs L, Bianco AC, Jonklaas J, Pearce SH, Weetman AP, Perros P. Primary hypothyroidism and quality of life. Nat Rev Endocrinol. 2022 Apr;18(4):230-242.

Mooij CF, Cheetham TD, Verburg FA, Eckstein A, Pearce SH, Léger J, van Trotsenburg ASP. 2022 European Thyroid Association Guideline for the management of pediatric Graves' disease. Eur Thyroid J. 2022 Jan 1;11(1):e210073. doi: 10.1530/ETJ-21-0073.

Wood CL, Morrison N, Cole M, Donaldson M, Dunger DB, Wood R, Pearce SHS, Cheetham TD. Initial response of young people with thyrotoxicosis to block and replace or dose titration thionamide. Eur Thyroid J. 2022 Jan

Pearce SH, Wiersinga WM. European Thyroid Journal: Looking Backwards and Forwards. Eur Thyroid J. 2021 Nov;10(6):437-438.

Cheetham TD, Cole M, Abinun M, Allahabadia A, Barratt T, Davies JH, Dimitri P, Drake A, Mohamed Z, Murray RD, Steele CA, Zammitt N, Carnell S, Prichard J, Watson G, Hambleton S, Matthews JNS, Pearce SHS. Adjuvant Rituximab-Exploratory Trial in Young People With Graves Disease. J Clin Endocrinol Metab. 2022 Feb 17;107(3):743-754.

Chaker L, Razvi S, Bensenor IM, Azizi F, Pearce EN, Peeters RP. Hypothyroidism. Nat Rev Dis Primers. 2022 May 19;8 (1):30

Gottwald-Hostalek U, Razvi S. Getting the levothyroxine (LT4) dose right for adults with hypothyroidism: opportunities and challenges in the use of modern LT4 prepara-

tions. Curr Med Res Opin. 2022 May 12:1-6

Gottwald-Hostalek U, Razvi S. Getting the levothyroxine (LT4) dose right for adults with hypothyroidism: opportunities and challenges in the use of modern LT4 preparations. Curr Med Res Opin. 2022 May 12:1-6

Perros P, Basu A, Boelaert K, Dayan C, Vaidya B, Williams GR, Lazarus JH, Hickey J, Drake WM, Crown A, Orme SM, Johnson A, Ray DW, Leese GP, Jones TH, Abraham P, Grossman A, Rees A, Razvi S, Gibb FW, Moran C, Madathil A, Žarković MP, Plummer Z, Jarvis S, Falinska A, Velusamy A, Sanderson V, Pariani N, Atkin SL, Syed AA, Sathyapalan T, Nag S, Gilbert J, Gleeson H, Levy MJ, Johnston C, Sturrock N, Bennett S, Mishra B, Malik I, Karavitaki N. Postradioidine Graves' management: The PRAGMA study. Clin Endocrinol (Oxf). 2022

Abdalaziz A, Vanka R, Bartholomew P, Vennart N, Verna<mark>zza</mark> J, Stewart K, Tsatlidis V, Narayanan K, Weaver JU, Razvi S. The prevalence and significance of nonuniform thyroid radio-isotope uptake in patients with Graves' disease. Clin Endocrinol (Oxf). 2022 Jul;97(1):100-105

Razvi S, Jabbar A, Bano A, Ingoe L, Carey P, Junejo S, Thomas H, Addison C, Austin D, Greenwood JP, Zaman AG. Triiodothyronine (T3), inflammation and mortality risk in patients with acute myocardial infarction. Eur Thyroid J. 2022 Feb 9;11(2):e210085

Cornell D, Miwa S, Georgiou M, Anderson SJ, Honkanen-Scott M, Shaw JAM, Arden C. Pseudoislet Aggregation of Pancreatic  $\beta$ -Cells Improves Glucose Stimulated Insulin Secretion by Altering Glucose Metabolism and Increasing ATP Production. Cells. 2022 Jul 29;11(15):2330.

Taylor GS, Shaw AC, Smith K, Wason J, McDonald TJ, Oram RA, Stevenson E, Shaw JAM, West DJ. Capturing the realworld benefit of residual  $\beta$ -cell function during clinically important time-periods in established Type 1 diabetes. Diabet Med. 2022 May;39(5):e14814

Dyson NJ, Kattner N, Honkanen-Scott M, Hunter B, Doyle JA, White K, Davey TS, Ploeg RJ, Bury YA, Tiniakos DG, Shaw JAM, Scott WE 3rd. Development and Application of a Semi quantitative Scoring Method for Ultrastructural Assessment of Acute Stress in Pancreatic Islets. Transplant Direct. 2021 Dec 16;8(1):e1271.

Petrov MS, Taylor R. Intra-pancreatic fat deposition: bringing hidden fat to the fore. Nat Rev Gastroenterol Hepatol. 2022 Mar;19(3):153-168.

Jesuthasan A, Zhyzhneuskaya S, Peters C, Barnes AC, Hollingsworth KG, Sattar N, Lean MEJ, Taylor R, Al-Mrabeh AH. Sex differences in intraorgan fat levels and hepatic lipid metabolism: implications for cardiovascular health and remission of type 2 diabetes after dietary weight loss. Diabetologia. 2022 Jan;65(1):226-233.

Rehackova L, Rodrigues AM, Thom G, Brosnahan N, Barnes AC, McCombie L, Leslie WS, Zhyzhneuskaya S, Peters C, Adamson AJ, Lean MEJ, Taylor R, Sniehotta FF. Participant experiences in the Diabetes REmission Clinical Trial (DIRECT). Diabet Med. 2022 Jan;39(1):e14689.



NORTH EAST ENDOCRINE NETWORK

HOME GUIDELINES PATIENT INFORMATION NEWS & EVENTS RES

Welcome to the North East Endocrine Network

Establishing regional guidance and pathways for endocrine conditions

TRAINEE REP VACANCY

There is a vacancy on the editorial team running the NEEN website and Endodiabology.

There is a great opportunity to develop our website, progress our social media offering and get involved with production of Endodiabology!

This is a perfect way to show leadership, network with teams across the region, improve our online offering and develop useful & marketable skills. If you are interested, get in touch with o.leng@nhs.net