The B < RS



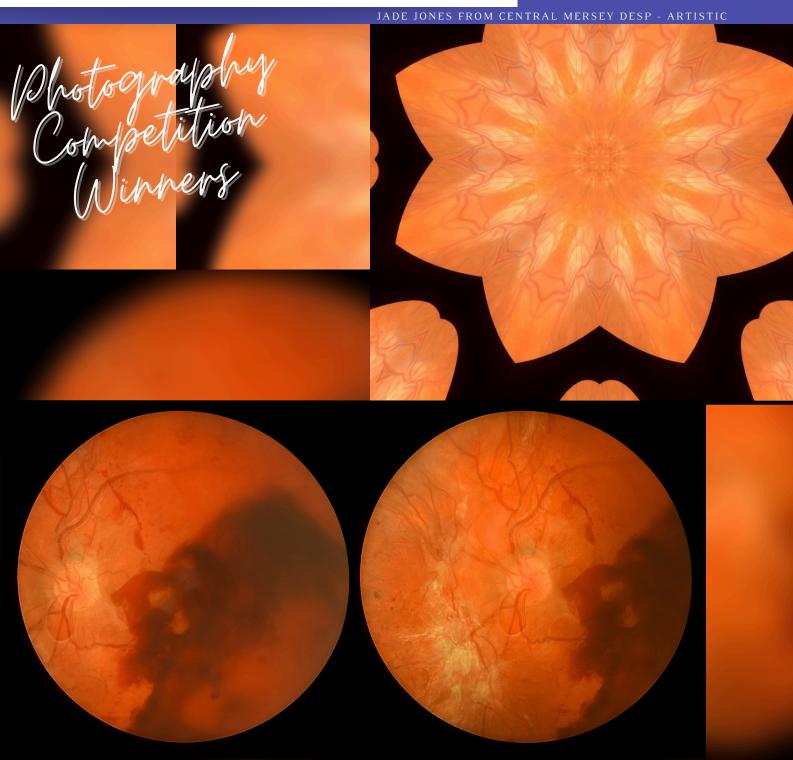






BRITISH ASSOCIATION OF RETINAL SCREENING

Chronicle



SUSAN WHALLEY FROM THE CENTRAL MERSEY DESP - CLINICAL

FEATURING
BARS 2024
CONFERENCE OVERVIEW
PAGES 2-4

TOGETHER TYPE 1

PAGES 5-6

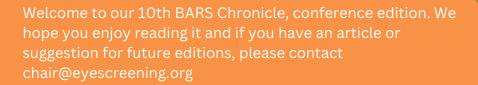
COMPETITION WINNERS

PAGES 9-13

VOL.10

CONFERENCE OVERVIEW

By Charlotte Wallis, BARS Co-chair



On September 26th and 27th we held our annual conference had fantastic sessions on artificial intelligence, medical photography, health inequalities, diabetes remission, the hybrid closed loop system and research to name a few. The presentations are available on our website, click below to be directed to their location on our website.

CLICK HERE

We would like to thank all our speakers and sponsors for their contributions to the BARS conference 2024.



We have an article in this edition from Josh Cook who is a youth worker for Together Type 1 who spoke on Friday. He shared feedback he received from the young people with diabetes he works with. These young people wanted us to hear their views on diabetic eye screening, and we thank them for their participation.

It was, however, the end of an era for BARS for several reasons. Our two longest serving council members Alison Simpson and Jane Cansfield are retiring and it was their last conference. Alison has been the BARS administrator for 20 years and Jane has been the trade/conference organsier. At the gala dinner videos from presidents past and present and chairs of BARS were shown sharing thanks and experiences. It was a very emotional evening and a fitting tribute to all Alison and Jane have contributed to BARS. A huge thank you ladies, BARS will not be the same without you.

On a personal level it was sad to say goodbye to Richard Bell, my co-chair for the past 4 years. He has a huge passion for eye screening and ophthalmic imaging, he has been a pleasure to work with, who BARS and I will miss greatly.



Photography by Kamran Rajaby



It was also our last 2-day conference, BARS are developing new ideas as we understand that getting funding for a 2-day event is challenging in the times we live in. We want to make our events more accessible to our members. We are busy planning and will be bringing you exciting news soon

We welcomed our new co-chair Denise Mcloughlin, surveillance manager/grading lead at the South East London Diabetic Eye Screening Programme at the AGM. Denise brings a wealth of experience with ideas on reshaping the BARS platform with a centralised hub for sharing ideas, learning and success stories. We look forward to bringing news on this in future editions of the Chronicle.

Enjoy the Chronicle!



Photography by Kamran Rajaby



TOGETHER TYPE 1 AT BARS 2024

By Josh Cook

My name is Josh, and I serve as the North of England Youth Worker at Diabetes UK. A few weeks ago, I had the pleasure of speaking to many of you at the BARS Conference in Liverpool. To refresh your memory, let me explain why I was there.

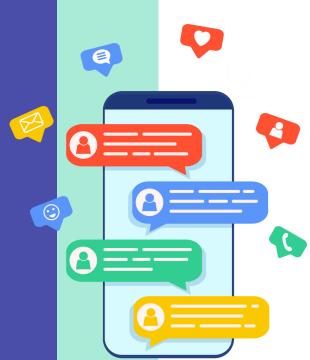
I've been living with type 1 diabetes for more than 20 years and always wished for a support group during my childhood. Now, that wish has become a reality with Together Type 1. This national programme, funded by the Steve Morgan Foundation, supports young people aged 11-25 across the United Kingdom. Together Type 1 aims to give a voice to those who feel unheard. Through online chats, fully funded outings, and opportunities to engage with NHS policy teams, we've had two fantastic years and eagerly participate in events like the BARS Conference.

One of the most important things I've taken away from my experiences with inspiring young people is that seeking honest feedback and asking for more opportunities is essential for growth.









Open communication is key to improving any situation. The conference speech was crafted by asking young people, "What experiences have you had with your eye care?" Each response, as honest as the last, provided diverse perspectives from across the UK. These accounts highlighted genuine feelings many have experienced when receiving a letter or attending an appointment. You can find these comments on the BARS website, showcasing a wide range of views, such as:

"The waiting room at those appointments is always the same. I'm always the youngest there by at least 50 years. They all turn around and look at me, wondering what I'm doing there."

"The new location for screening was actually in my GP. This made the experience not only easier to access but less intimidating attending at a practice."

"One time, the optician showed me another diabetic patient's eye screening with many complications, using it as a warning to take care of myself."

The above comments are echoes of many more views within the diabetes community. The chance to voice these moments was greatly appreciated by those who shared their stories as, for many, it was the first time they felt heard. Opportunities like this at the BARS conference are ones we at Together Type 1 would grasp with both hands.

If you are interested in hearing more about Together Type 1 and our work, please click to the right, or email the team at type1youth@diabetes.org.uk.

Thank you.



Competition Winners Runners Up Photography Artistic

The winners received £100 Amazon vouchers for each category and the runners-up received £50 Amazon vouchers for each category and they all received a certificate.

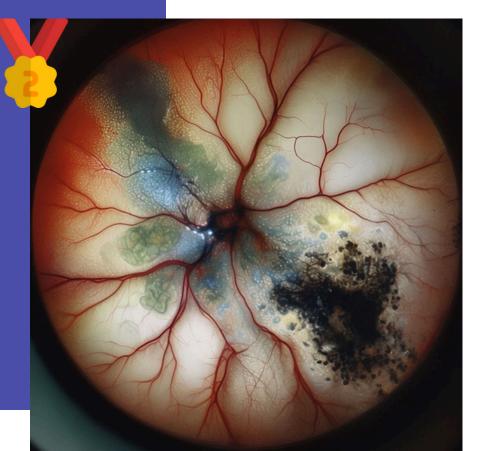


WINNER
Artistic
Jade Jones
Central
Mersey DESP

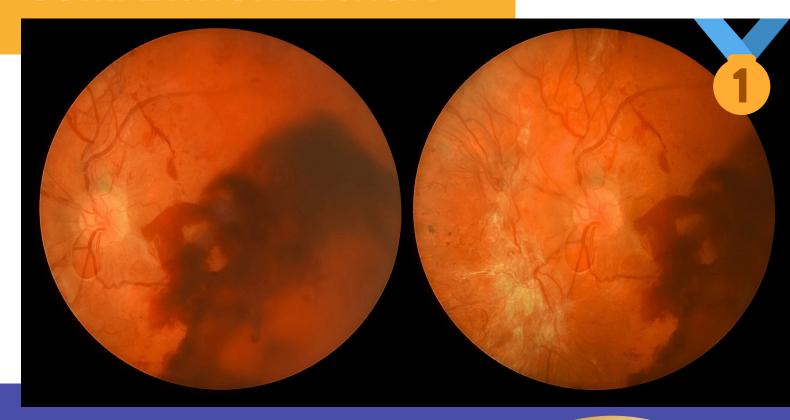


RUNNER-UP Artistic Diliana Nikolova South West London DESP





INTERESTING IMAGES COMPETITION EDITION



WINNER Clinical Susan Whalley Central Mersey DESP

Case study

Date of screening: 10/23

DR Grade: R3A M1 LE

Male aged 60 Type 2 Diabetic

Visual Acuity:

RE - NPL

LE - PL

Previously under HES - injections and laser

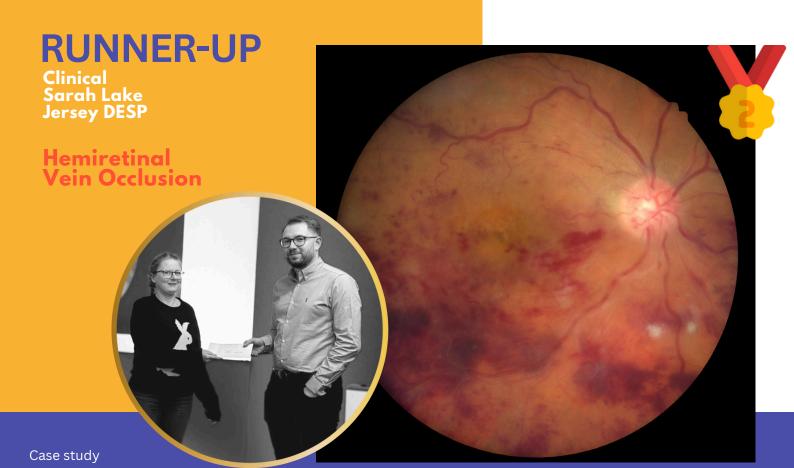
First screening since 2021

Patient attended for screening complaining of blurred vision in LE.

Patient was at the gym 3 days prior and had lifted heavy weights, had blurred vision in LE since.

Patient was advised to attend to A&E Eye Hospital on day of screening.





Pathology:

This image shows a right hemiretinal vein occlusion characterised by flame-shaped, blot and dot haemorrhages, cotton wool spots and retinal oedema. What makes this more interesting is the appearance of vascular sheathing associated with an older pre-existing branch retinal vein occlusion (BRVO). New vessels can also be seen at the disc.

A hemiretinal vein occlusion is considered to be a milder form of a central retinal vein occlusion (CRVO). Here the main retinal vein posterior to the optic nerve lamina cribrosa is occluded, normally by thrombosis. As the central retinal artery shares a common sheath with the central retinal vein atherosclerosis of the artery can cause compression of the vein, another common cause of this type of vein occlusion.

A CRVO can be subdivided into two categories: non-ischaemic or ischaemic. A non-ischaemic CRVO is the most common, the patient often presenting with a milder degree of visual difficulty and a better prognosis. Ischaemic CRVO has a much lower visual prognosis due to macular ischaemia. Vascular growth factor and inflammatory mediators are released in response to hypoxia in the retinal tissue and this can lead to macular oedema, vitreous haemorrhage and new vessels of the retina or iris. The poor vision and retinal features seen in this patient point to an ischaemic presentation.

Outcome:

This patient was referred to ophthalmology for the hemiretinal vein occlusion. Here OCT of the right macular showed significant macular oedema. Clinical examination showed a quiet anterior segment with no iris neovascularisation. Posterior segment examination confirmed the presence of new vessels at the disc. The patient was offered intravitreal treatment, but she was not keen on this. She was listed for right eye laser photocoagulation to treat the new vessels and reduce the risk of further new retinal vessels or the development of new vessels in the anterior segment.

Differential diagnosis:

Ocular ischaemic syndrome: This is a rare disorder of visual function attributable to non-perfusion secondary to occlusion of the internal carotid artery. Posterior segment manifestations include narrowing of the retinal arteries; deep retinal haemorrhages; macular oedema and neovascularisation of the optic disc or retina. Hypertensive retinopathy: An acute increase in systemic blood pressure or chronic elevated hypertension can affect the posterior segment causing a hypertensive retinopathy. Retinal features include retinal haemorrhages, especially flame shaped haemorrhage involving the superficial retina; exudates and cotton wool spots. A less common feature of hypertensive retinopathy is a macular star of Henle due to deposition of hard exudates around the macula. This more commonly seen in patients with malignant hypertension.

Competition Winners Op Runners Up CX POSTERS

Photography by Kamran Rajaby

Ian Brennan, Stephen Kelly, Joanne Harmon, Matthew Phillips, Andrew Combes, Shane McMahon, Rob Acheson, David Keegan, Helen Kavanagh, Louise O'Toole,

'EVALUATING THE OCT PATHWAY IN THE IRISH DIABETIC EYE SCREENING PROGRAMME'

NEC Care - Ireland

The winning posters of the 2024 BARS/Topcon (GB) Medical Ltd Poster Competition were announced at this year's conference in Liverpool with the winners each receiving Amazon vouchers. The standard and content exceeded expectations and with a total of 26 entries, it was difficult to pick out the individual winners.



1st place

Ian Brennan, Stephen Kelly, Joanne Harmon, Matthew Phillips, Andrew Combes, Shane McMahon, Rob Acheson, David Keegan, Helen Kavanagh, Louise O'Toole

'EVALUATING THE OCT PATHWAY IN THE IRISH DIABETIC EYE SCREENING PROGRAMME'

2nd place

Benedict Symon, Carrie Hinton, Gillian Slingerland, Amy Austin, Sallyann Matthews, Carmel Japel, Roger Brint

'THE POSITIVE IMPACT OF THE HOSPITAL EYE SERVICE RECALL INITIATIVE ON PATIENT CARE'

3rd place

Marc Lewis, Anthony Bostock

R3A REFERRAL COHORT ANALYSIS IN OUR MOST DEPRIVED AREA: SWINDON



THE POSITIVE IMPACT OF THE HOSPITAL EYE SERVICE (HES) RECALL INITIATIVE ON PATIENT CARE

INTRODUCTION

Identifying Issues

METHODOLOGY

1. HES validated their lists before sharing with DESP.

2. DESP Validated their lists before sharing with DESP.

2. DESP validation, balliad Centact:

Following DESP validation, patients were contacted by phone on two separate
to schedule their appointments and explain the collaboration between steet,
did not attend (DNA) or cancelled their appointments an additional attempt w
to reach them.

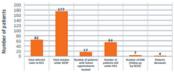
- Attendance was tracked using a dedicated system and recorded.

 Whether the patient remained in the DDESP.

 The specific pathway for the patient, Routine Digital Screening (RDS), Digital Surveillance (DS), or Sit Lamp Biomicroscopy (SLB).

patient was referred back to the HES a dedicated coordinator corresponded with to provide details of patients being re-referred, ensuring they were urgently seen in

Outcome After Recall



Clinical Outcome

From December 2023 to July 2024 the initiative saved:

73% Patients retained in DDESP

Increased Retention in DESP:

NEC

NEC Care

- This initiative has significantly expanded the capacity to accommodate more patients and urgent referrals, maximising the overall effectiveness of HES.
- In addition, it has allowed for clearer communication between HES/DDESP and the strengthening of relationships.
- These findings underscore the impact of effective patient management within DDESP on hospital resource utilization, highlighting the potential for significant improvements in service delivery and patient care.



capacity and helping with our backlog of appointments" Beverley, UHD Business Manage

Benedict Symon, Carrie Hinton, Gillian Slingerland, Amy Austin, Sallyann Matthews, Carmel Japel, Roger Brint **THE POSITIVE IMPACT OF THE HOSPITAL EYE SERVICE RECALL INITIATIVE ON PATIENT CARE'** Dorset DESP - NEC Care



Photography by Kamran Rajaby

Full versions of posters are available to view on the BARS website

Marc Lewis, Anthony Bostock **R3A REFERRAL COHORT ANALYSIS IN OUR MOST DEPRIVED AREA: SWINDON** BaNES, Swindon & Wiltshire DESP - NEC Care



Photography by Kamran Rajaby

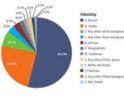
NES, Swindon and Wiltshire Diabetic Eye Screening Progra

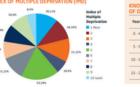
R3A REFERRAL COHORT ANALYSIS IN OUR MOST DEPRIVED AREA: **SWINDON**

NEC **NEC Care** NHS ing Programm

realth Equity audit of R3A referrals made to restern Hospital, Swindon. Analysing a cohort across a 4-year period 2020 to 2024. Understa femographics to influence engagement and red pilerative retinopathy.











BARS ARE INTERESTED IN HEARING FROM YOU!

As discussed at this year's AGM, BARS is reconsidering its conference format for the future, and we'd love your input.

Click the icon below to answer a very quick survey to let us know your views.



























