

## Presidents Message

“The NHS is the best thing about the UK, hands down. Everyone pulls together in times like this and it’s the one place people know they can rely on for help, no matter what their status or background, because that’s what it was created for and that’s what we do.” NHS Chief Information Officer, London.<sup>1</sup>

“A diamond is a chunk of coal that did well under pressure”, Henry Kissinger.

Well, the 1.4 million pieces of coal that are the NHS workforce have certainly shown our country that each one of us is a gem of great value.

As we embark on this New Year, we can reflect on the incredible scale and pace of transformation within our organisation that a submicroscopic “life form” has imposed on us. We also can reflect on how this virus has highlighted the enormous commitments given by NHS staff continually, pandemic or no pandemic. We have become more acutely aware of how important it is to look after “our people”; with quality health and wellbeing support for everyone, in tackling health inequalities and embracing new ways of working and delivering care, by making effective use of the full range of our people’s skills and experience.<sup>2</sup>

The YSOA is also stepping up in this COVID climate, to embrace a new way of delivering our educational meetings. We delivered our first webinar on 25<sup>th</sup> September 2020 to a test group of Obstetric Anaesthetists, and the YSOA Committee was delighted with the outcome and feedback of this event.

As we are all bating our breath to see how the COVID vaccination programme proceeds, and how this will contribute to a lifting of any of the COVID restrictions, the YSOA committee is beavering away with preparations for the ASM on 27<sup>th</sup> April 2021. We still have The Principal Hotel in York on hold as our face-to-face venue, as we know that opportunities to re-connect with Obstetric Anaesthetic colleagues across our region are important. A webinar programme is being considered also as a back-up, and as things become clearer over the next few months, the YSOA website will be updated and flyers posted. We will be opening for abstracts for the ASM February 2021, so get writing!



“When everything seems to be going against you, remember that the airplane takes off against the wind, not with it.” – Henry Ford

Wishing you all the very best for safe and easier 2021!

**Dr Sarah Radbourne**

**President of the Yorkshire Society of Obstetric Anaesthetists**

1. <https://www.england.nhs.uk/ournhspeople/online-version/challenges-and-opportunities/>

2. <https://www.england.nhs.uk/publication/we-are-the-nhs-people-plan-for-2020-21-action-for-us-all/>

**Dr Sarah Radbourne—President of YSOA**



Principal Hotel, York, Annual Scientific Meeting Venus 27 April 2021

## Dates for your diary

### YSOA Annual Scientific Meeting 2021

The Principal Hotel, York , Tuesday 27th April 2021

Registration now open

See flier below

Abstract submission deadline: Tuesday 13 April 2021 email to [w.sheedy@hull.ac.uk](mailto:w.sheedy@hull.ac.uk)

### YSOA Anniversary Meeting

Friday September 24th 2021

Fee £25 includes Dinner

Contact: Wayne Sheedy at  
[obstetricday@hotmail.co.uk](mailto:obstetricday@hotmail.co.uk)

## Membership details

Membership is free to all trainees and consultants in the Yorkshire and Humber region. Membership ensures you receive information regarding upcoming events and this amazing newsletter!

If you wish to become a member please forward the following information to:

[obstetricday@hotmail.co.uk](mailto:obstetricday@hotmail.co.uk)

Name:

Grade:

Employing Trust:

Locality if in a training post (East/South/West)

A reliable contact email address:

# Yorkshire Society of Obstetric Anaesthetists

## Annual Scientific Meeting

27 April 2021, Principal Hotel, York

### Programme to date:

*Acquired liver disease in pregnancy*

*Dr Charlie Millson, Consultant Liver Specialist, York*

*Awareness during general anaesthesia in obstetric anaesthesia: the DREAMY Study*

*Dr Peter Odor, Consultant Anaesthetist, University College London*

*Management of cardiac disease in pregnancy in units without specialist obstetric cardiac services*

*Dr Matthew Balerd, Consultant Cardiologist, Hull*

*Pro-Con Debate: "Cell Salvage in Caesarean section"*

*Pro-side: Dr Emily Christie, Consultant Anaesthetist York*

*Con-side: Dr Sarah Radbourne, Consultant Anaesthetist Mid Yorkshire*



Principal Hotel , York

### Essential Information

- 5 CPD points approved by the Royal College of Anaesthetists

### Meeting Fee (members):

- Consultants £120 (£110)
- SAS/Trainee £70 (£65)
- ODPs/midwives £25 (£25)

### Abstract Prizes

- Oral Presentation £100
- Poster £50

For full programme, bookings, abstract submission guidelines and further details see meeting website:

[http://ysoa.org.uk/  
Contactus/](http://ysoa.org.uk/Contactus/)



YORKSHIRE  
SOCIETY  
OBSTETRIC  
ANAESTHETISTS



## YSOA website and Podcasts

Podcasts from the ASM  
19 are available to down-  
load from our website  
[www.ysoa.org.uk](http://www.ysoa.org.uk)

Username:

## Admin

ysoa@gmail.com

Password:  
Green42Carwash  
%\$\*ysoahull@\$)



## Dates of courses

# Obstetric Anaesthetic Emergency Course for CT2s

Hull Clinical Skills Facility tbc

York 8th December 2021

Bradford tbc

For more information please go to the Yorkshire and Humber-side Deanery Website

TOAASTY Advanced Obstetric Course

## for senior trainees and consultants

Hull Clinical Skills Facility tbc

Contact Daniel.websdale@hey.nhs.uk

## Yorkshire Difficult Airway Course

tbc

# Yorkshire Society of Obstetric Anaesthetists

## YSOA 2020 Anniversary Meeting - Review *25th September 2020*

The anniversary evening meeting usually takes place on the last Friday of September to coincide with the anniversary of the Society's creation. The event is usually a more relaxed affair with a meal, guest speakers and plenty of opportunity to network with fellow members and peers from across Yorkshire and the Humber. It has the aim of promoting communication, sharing of expertise and strengthening of links between the many departments of the region.

Unfortunately the coronavirus pandemic (wave one!) was continuing to have a significant impact on our lives, professional and personal. In observance with Government guidance in relation to the global pandemic, this face to face meeting was seamlessly changed from our usual location at Hinsley Hall, Leeds to an array of kitchens/lounges/studies and bedrooms dotted around all of Yorkshire.

We embarked upon a new era - YSOA's first Webinar!

This was hosted using an experimental platform of Zoom media.

We had a total of 18 participants - (we limited numbers given the experimental nature of this first meeting).

I am pleased to say due to the impressive IT capabilities of Wayne Sheedy and Martin Diacon, it all ran to plan with no technical difficulties!

Thank you also to Dr's Suzanne Taylor and Sarah Radbourne for smoothly leading us through the evening's presentations and discussions.

*Now my synopsis of the evening's presentations:.....*

### Seizure in Labour - Dr Sarah Radbourne.

This saw the transfer of an ataxic, seizing patient in latent-phase of labour, from the remote location of Bronte birthing centre (no resident anaesthetist), to Pinderfields hospital. Post-transfer investigations revealed a normal CT head; however blood results displayed a profound Hyponatraemia. Her labour was augmented, but as her GCS fluctuated she required GA LSCS and transfer postoperatively to ICU for further investigation.

Her hyponatraemia was attributed to psychogenic polydipsia, estimated to be 6 litres positive intake in the preceding 12-24 hours. Cautious Hypertonic Saline treatment, plus serial bloods and osmolality's returned the patient to normal parameters and physiology again.

Discussion showed the importance of accurate fluid balance in pregnant ladies and advised:

if >1500ml positive balance, Na levels should be checked.

<1litre has 1% chance Hyponatraemia vs >2.5l as 26%

Oxytocin has an Anti-diuretic effect

Rapid intra and extracellular changes manifest with cardiac and neurological symptomology

Hyponatraemia is a common problem, which is likely underdiagnosed in pregnancy.

MDT management is invaluable

For further reading GAIN Hyponatremia - March 2017, provides excellent educational material.

### **Needle Phobia - Dr Chris Macrow**

We learnt of complex obstetric anaesthetic case involving many human factors, social issues and at its core a profound phobia of needles.

This patient had a previous elective LSCS, secondary to breech presentation. Due to her needle phobia this had been facilitated by a Gas Induction, suxamethonium and intubation. Post-extubation the patient displayed a poor respiratory pattern and was diagnosed with Sux-apnoea. She was subsequently referred for further investigation and debriefing consultation, but due to her needle phobia and personality disorder, she failed to engage and attend appointments.

Engagement with obstetric services for her subsequent pregnancy was challenging; she refused booking bloods and DNA'd multiple appointments, although she received a telephone consultation for the obstetric anaesthetic high risk clinic.

She demanded a gas induction for her elective LSCS, despite explanation of her high risk status due to pregnancy, BMI, chronic reflux and unclear Sux-apnoea status. The senior anaesthetic team took time to discuss all options available and their associated risks. However the patient remained inflexible in their demands, resulting in specific detailed written consent being obtained prior to gas induction.

Discussion highlights:

20-30% of young adults suffer with varying degrees of needle phobia, with F > M.

Needle phobia has seen a rise in gas induction GA's, delayed bloods and reduced uptake of Pethidine analgesia.

In challenging situations clear planning and specific consent are essential

In patients affected by social issues, with layers of human factors at play, continuity of care is essential to build rapport, trust and facilitate a bespoke treatment plan.

### **Starvation Ketoacidosis - Dr Kay Robins**

A final trimester lady, presented with nausea and vomiting, abdominal cramps and reduced foetal movements. Her USS and CTG were normal. She was admitted for fluid resuscitation and on-going foetal monitoring. Over the next 5 days, her abdominal pains gradually worsened and nausea continued. She was diagnosed as having starvation induced ketoacidosis which warranted early delivery and HDU postop care.

Discussion identified:

Pregnancy can be the first presentation of metabolic disorders.

Should pregnant ladies always end up on obstetric ward or would a General medical ward be more appropriate in this case?

If N+V should always be monitoring Ketone levels

In cases such as this beware of re-feeding syndrome.

### **Platelet storage pool deficiency – Dr Hythem Shoeib**

**Platelet storage pool deficiency** refers to a group of conditions that are caused by problems with the platelet granules. Platelet granules are tiny storage sacs found within the platelets which release various substances to help stop bleeding. Platelet storage pool deficiencies occur when platelet granules are absent, reduced in number, or unable to empty their contents into the bloodstream.

Discussion:

Rare genetic disorder (Dominant/Recessive/X-linked)

Mandates MDT approach – Haemophilia centre/ local haematology/Obstetrics/Anaesthetics

Contraindication to neuraxial anaesthesia as unable to assess platelet function and risk of spinal/ epidural haematoma

Availability of platelets for transfusion in case of haemorrhage

Pre-operative subcutaneous DDAVP, judicious fluid balance, prophylactic syntocinon infusion and avoidance of NSAIDs

From the feedback gleaned the evening was well received, thought provoking and many a learning point taken away. Thankyou to the organising committee and all speakers on the night.

As a side note from myself Dr James Wright and Dr Vishal Pai - New Trainee YSOA representatives;

We wish to thank Dr Turnbull and Dr Devereaux-Walsh our predecessors for their efforts and handing over. We would also like to echo their previous sentiments of aiming to encourage and gain a greater trainee awareness and participation with the society at future events.

We hope to see you all again at the Annual Scientific Meeting at The Principal Hotel, York

27th April 2021.

**Dr James Wright**

### **Contact Us**

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Visit us on the web at  
[www.ysoa.org.uk](http://www.ysoa.org.uk)

Please email any comments or feedback regarding this newsletter to W Sheedy as above.

Please forward this newsletter to your obstetric anaesthetic colleagues and trainees to let them all know all the news – thank you.

Kay Robins , Editor  
(York)