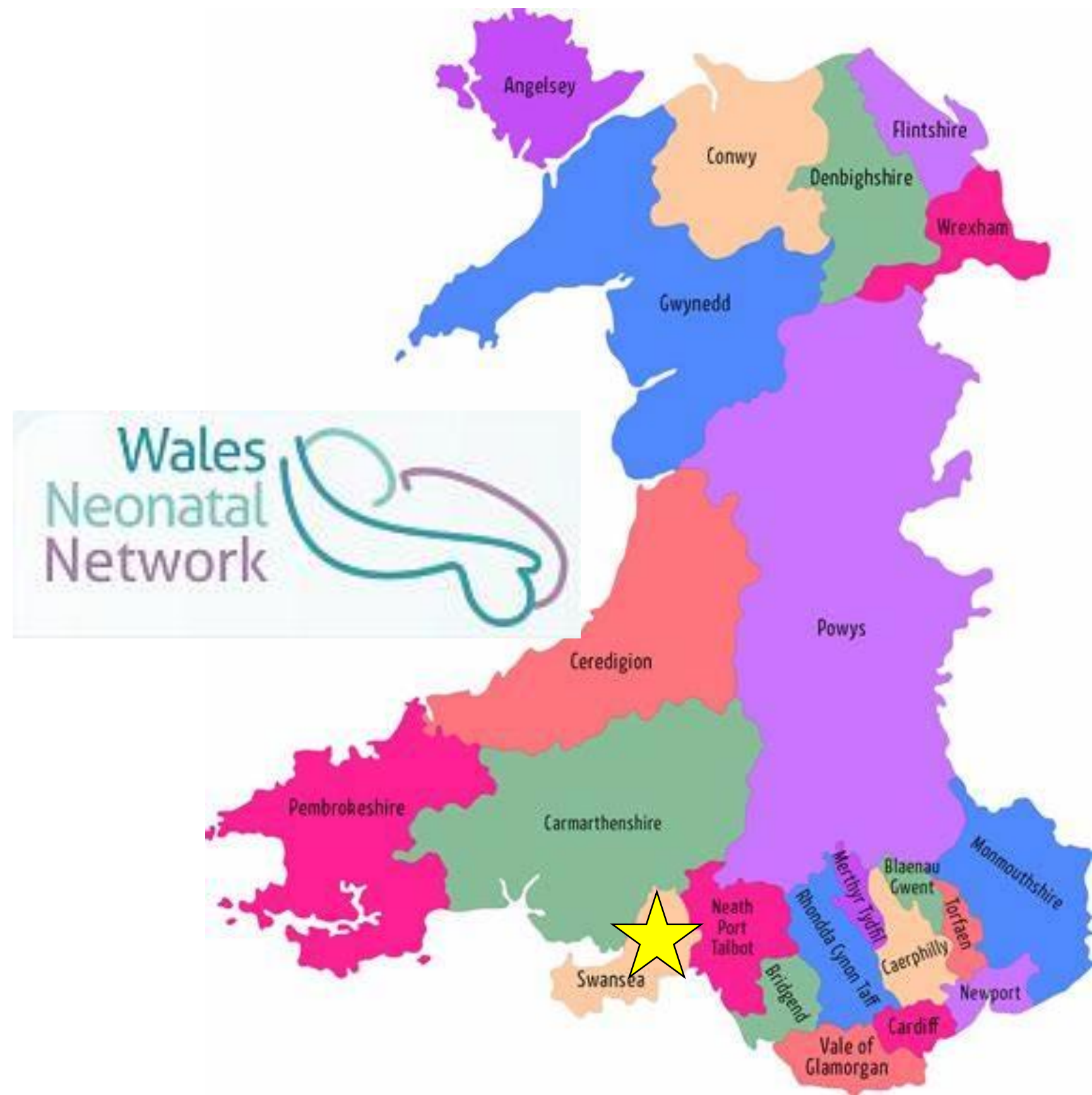


Adapting to Change: Delivering High Quality All Wales Virtual Teaching in Neonatology

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Introduction

This spring we faced a time of unprecedented change and uncertainty where all 'non-essential' activities were put on hold. Whilst service provision came to the fore we as a neonatal team felt training and high quality learning opportunities within neonatology were not something we were prepared to lose.



Date	Topic	Speaker
30 th April 2pm-3pm	The Blue Baby	Dr Geraint Morris, Consultant Neonatologist & Clinical Director Children's Services, SBUHB
3pm-4pm	Fluids & Electrolytes	Dr Sujoy Banerjee, Consultant Neonatologist & Clinical Lead for Neonatal Services, SBUHB
7 th May 2pm-3pm	Neonatal Ventilation	Dr Ian Morris, Consultant Neonatologist, UH
3pm-4pm	Pneumothoraces and Chest Drains	TBC
14 th May 2pm-4pm	Interactive Prescribing Session	Dr Matt Ryan, ST8 Registrar Dr Assim Javadi ST4 Reg & Kath Wilson, Singleton Pharmacist
21 st May 2pm-3pm	Neonatal Jaundice	Dr Arun Ramachandran, Consultant Neonatologist
3pm-4pm	Anaemia and Polycythaemia	Dr Kate Burke, Trainee
28 th May 2pm-3pm	*Open to all Wales Neonatal Network* Using the PARCA-R to assess cognitive and language development at 2 years of age	Professor T. Davidson, University of Swansea

Each week, please complete the register and feedback form (via sun to develop and improve. Suggestions welcome)

Date	All Wales Teaching
Nov 5 th	14:00-15:00 Neonatal Nutrition Dr Lisa Brown ST7 Neonatal Grid Trainee Singleton Hospital
Nov 12 th	High Frequency Oscillatory Ventilation Dr Sujoy Banerjee Consultant Neonatologist Singleton Hospital
Nov 19 th	Neonatal Genetics Update: WINGS project for whole genome sequencing Dr Oliver Murch ST6 Trainee, UHW
Nov 26 th	No All Wales Neonatal Teaching
Dec 3 rd	Neonatal MRI in Hypoxic Ischaemic Encephalopathy Prof Mary Rutherford Professor of Perinatal Imaging and Health Kings College, London
Dec 10 th	13:00-16:00 'Supporting Families and Staff when a Baby Dies' Wales Neonatal Network Event - Pre-registration required https://fsbd.eventbrite.co.uk/ (spaces limited)
Dec 17 th	Prevention of Cerebral Palsy in PreTerm Labour (PRECePT) Dr Karen Luyt Consultant Neonatologist St Michael's Hospital Bristol
Dec 24 th	No All Wales Neonatal Teaching
Dec 31 st	All Wales Big Neonatal Quiz of the Year Dr Fiona Astill, ST5 Trainee Rachel Tregoning, ANNP



Method

Looking for the opportunity rather than obstacles we quickly re-instated local departmental teaching, after only a few weeks, before sharing this opportunity in an 'All Wales' capacity to trainees and our multidisciplinary colleagues across the country. It has been a huge learning curve and not only served as a forum for high quality neonatal teaching but also as an opportunity to connect with hundreds of colleagues across Wales. Topics were mapped to core RCPCH competencies ranging from neonatal conditions to domestic violence on the neonatal unit to palliative care.

Results

Weekly virtual neonatal teaching sessions have successfully run since April 2020 with the aim to bring together the multi-disciplinary neonatal community across Wales and offer continued opportunity to learn and teach. With up to 70 attendees at each session this All Wales teaching initiative engaged a consistent mix of professionals including trainee ANNP's, consultants, trainees, non-training grade doctors and nurses from across the length and breadth of Wales. The initiative was shaped by feedback from stakeholders including a survey in August which attracted 27 respondents. The survey showed an appetite for continued All Wales learning forums, with accessibility and the ability to connect as recurring themes:

•96% rating the quality of the teaching as very good or excellent

•93% stating the teaching had improved their clinical practice

'...a strong and constant instrument for teaching and learning opportunities. It really gives access to learning opportunities at your time without having to waste time travelling. Really glad it's available for all of us'

'Absolutely brilliant session with so much information and knowledge sharing. It has helped me personally on my academic journey leading towards qualifying as an ANNP. I would very much like to see this continue as its such a brilliant tool for teaching'

'...it has been great to be able to access teaching remotely and at such a high level. I think it is important for local units to still have their own teaching as well though to provide junior trainees an opportunity to present'

'A great initiative that should definitely continue - helps to bring all the trainees and units together'

Conclusions

It is essential as we adjust to the long term impact of the pandemic on the way we live, work and learn; that we recognise the importance of preserving neonatal multi-disciplinary team learning opportunities, open to all paediatric trainees in Wales, to ensure we continue to have a workforce fit for purpose. We have a duty to babies and children in Wales to safeguard the high quality care they receive. In the new year we hand the mantle to two fantastic neonatal grid trainees Dr Lisa Brown and Dr Zoe Howard who are enthusiastic and well equipped to continue this vision to provide a learning forum for the neonatal community across Wales and connect us all at a time when we need it most.