



Education Newsletter

November 2023



Conference Catch-up

Alison and Tanya attended the PEN-SO (Paediatric Educators Network – Sharing Opportunities) conference in Stafford which was an amazing opportunity to meet and hear from other clinical educators from across the UK.

We learned about gamification in clinical education and how the use of technology and interactive games can improve engagement and introduce a touch of friendly competition into learning. We also got the opportunity to reflect on the different generations in the workplace from baby boomers, Gen X, Millennials and Gen Z. This really made us think about accessibility in clinical education.

We also heard from Greta Westwood, CEO of the Florence Nightingale Foundation who spoke to us about her nursing journey and the work the foundation do to improve health, clinical outcomes and patient experience.



Students

Second year learning disability student Shingai Dimbi from UCLan will be spending 10 weeks at Derian House from 30th October.

Thank you to everyone who spoke at the Student insight day on the 19th October. It was a really successful day and we have received some lovely feedback from some of the students praising the passion of the team and the wonderful work that we do here.

Training sessions

The educators are available for training sessions and competency assessments and for clinical skills sessions to brush up on Conveen care, catheterization, My Airvo and diabetes.

Get in touch if you would like to arrange a 1:1 or group training session.



External training

Members of the Wellbeing and Play team completed training with NSPCC learning about online safety. This training highlighted talking to children and YP about the platforms they use, about danger of strangers befriending, online bullying, that once content has been put out there that your online footprint will always be there, to never send content (pics) of yourself that you are uncomfortable about and feel pressured into doing so, and not being afraid or embarrassed about telling a trusted adult about if that has happened. Also that keeping conversation open non-judgemental and honest, allows children and YP to feel safe and comfortable to ask questions and speak about their online worry's.



Well done

A big well done to everyone that completed their syringe driver competency and to those who helped facilitate this. A large number of people took the opportunity in house to get hands on experience increasing their knowledge skills and confidence. Thank you and well done

New starter

We have a new nurse starting with us a Derian house this month called Bethanie Youll on November 6th. Give her a huge welcome and introduce yourself when you see her.



Condition of the month

November: Prematurity

World Prematurity Day

World Prematurity Day (17th November) is a global movement to raise awareness of premature birth and the sometimes the devastating impact it can have on families. For every 13 babies born in the UK, one baby is born premature. Each neonatal experience will affect families differently and the needs of the baby and family will differ from one to the next. Any baby born before the 37 week gestation mark is classed as premature with the extreme prematurity mark before 28 week gestation.

As a hospice, we are seeing an increase in referrals to the hospice for extreme premature babies sometimes from 21 weeks gestation. Equipment and facilities available on the neonatal unit today ensures that maximum intensive care can be offered giving an increase chance of survival. This can however, cause a devastating effect to the family long term if the baby has significant complex needs and requires round the clock care at home.

The perinatal team support and guide parents who have given birth to premature babies who may go on to have life-limiting conditions to make informed choices around the care that is offered providing both emotional and practical support throughout their journey.



Test your knowledge!

Champion Team of the month: Perinatal Team



Katie King, Kathryn Leatherbarrow, Danielle Fielding

This month we are celebrating the Perinatal Team who have worked hard to raise awareness and educate the team during baby loss awareness week and World Prematurity day. Contact Katie or Kathryn if you would like to find out more about their role and Dani is our breastfeeding champion.

Champion teams

As we come to the end of the year this is a good opportunity to reflect on our champion roles, meet as a team and discuss what needs to be addressed in the future. As a champion, we are expected to research our focus area regularly and share updates with all colleagues. This helps us all to provide best practice and continually learn and develop in our roles.

It is a CQC requirement to evidence where we get our evidence and knowledge from therefore it is important that clinical champions cascade information appropriately, via email, during meetings and sending information to the clinical educators to share within the new monthly newsletter. This will all go towards your personal and professional development, appraisal and revalidation.

All clinical staff have access to the elearning for healthcare website where you can find lots of training to enhance your own knowledge in your group and you may find some resources that you can share with others. You can also sign up for an Open Athens account and access articles and studies to improve your knowledge, continuous practice development (CPD) and is a great resource for finding up to date literature relating to your champion role.

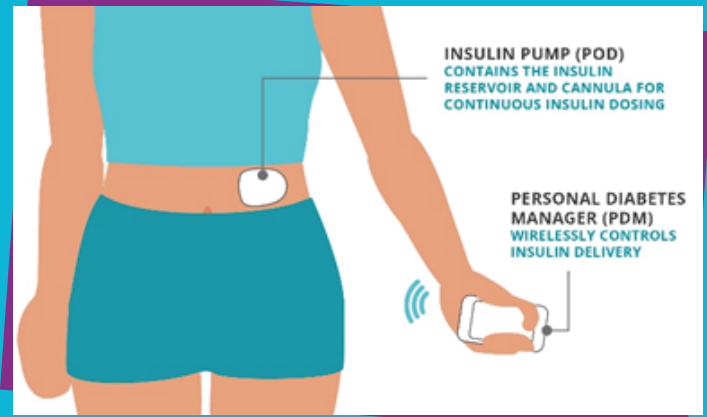
If you need more advice, would like to discuss your champion role or would like one of the educators to attend you champion group meetings please email or speak to us directly.

Diabetes Refresher

Insulin pumps, insulin pens and smart insulin pens are used for infusing or injecting insulin. Continuous glucose monitors (CGM) and flash glucose monitors measure glucose levels. Hybrid closed loop technology, or the artificial pancreas as it is sometimes known, measures glucose levels and also administers insulin. Only fast-acting insulin is needed when using an insulin pump for both basal and bolus doses. Basal insulin is continuous background dose 24 hours a day programmed into the pump and bolus doses are calculated according to the glucose reading and carbohydrate count for feeds and for correction doses when blood glucose levels are too high.



Use this QR code for resource and training guides about type 1 diabetes technology



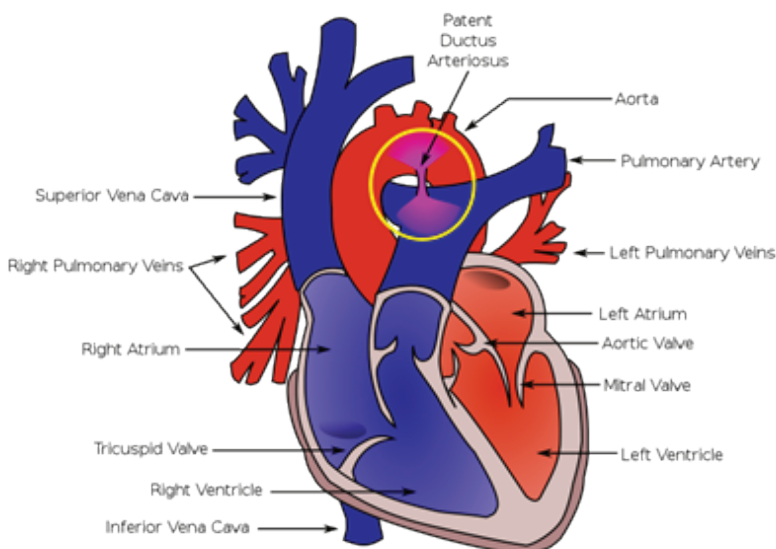
November: Prostin (Dinoprostone) References

bnfc.nice.org.uk/drugs/dinoprostone/

[www.rch.org.au/piper/neonatal_medication_guidelines/Alprostadil_\(Prostin_VR\)_%E2%80%93_\(Prostaglandin_E1\)/](https://www.rch.org.au/piper/neonatal_medication_guidelines/Alprostadil_(Prostin_VR)_%E2%80%93_(Prostaglandin_E1)/)

Why is it used?

- To maintain patency of the ductus arteriosus for those children with congenital heart defects, dependent on the duct for blood flow around the body, usually given intravenously as more effective but can be given orally in palliation.
- Often used in babies who are waiting cardiac surgery to repair the heart to keep the duct open.
- Will often be discontinued in babies whose heart is not able to be repaired once family have decided the child will be for end of life care.
- It is not licenced for children
- Cautions- history of haemorrhage
- Contra-indications- avoid in hyaline membrane disease (in neonates)
- Side effects- asthma, back pain, dizziness, hypertension and vomiting



Dosage

IV for Neonates

- Initially 5 nanograms/kg/minute, then increase in steps of 5 nanograms/kg/minute as required; increased to 20 nanograms/kg/minute, doses up to 100 nanogram/kg/minute

By mouth for neonates

- 20-25 micrograms/kg every 1-2 hours, then increased if necessary to 40-50 micrograms/kg every 1-2 hours, if treatment continues for more than 1 week gradually reduce the dose.