

Developmental Care News

World Prematurity Day issue: November 2016

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KEEPING UP

What kind of developmental care training makes a difference? Pierrat et al. compare data collected in 2008 with more recent data to show how practice has changed and the impact of developmental care education on translation of policy into practice. Centres in France with NIDCAP training or NIDCAP based education showed significant improvements compared with another education programme or none. **Translating neurodevelopmental care policies into practice: the experience of Neonatal ICUs in France – the EPIPAGE-2 Cohort Study.** *Pediatric Critical Care Medicine*, 2016, on line

Learning more about fathers in the NICU. Ireland et al, give a "birds eye view" of the literature on fathers' experiences in an uncritical summary which is nevertheless interesting and potentially useful. **Experiences of fathers with babies admitted to neonatal care units: a review of the literature,** *J Neonatal Nursing*, 2016,22:171-176.

The complexities of epigenetics in the context of neonatal intensive care are elegantly described by Provenzi & Montirosso in "**Epigenethics" in the neonatal intensive care unit. Conveying complexity in healthcare for preterm children.** *Pediatrics*, July 2015.

Does family presence make procedures more difficult? Not according to a study of tracheal

intubation in paediatric intensive care by Sanders et al. **Family presence during pediatric tracheal intubations.** *JAMA Pediatrics* 170(3): on line.

The HAPPY app is an application for Android mobile phones that has been used in several studies led by members of the SCENE (Separation and Closeness in the Neonatal Environment) group to register events experienced as closeness or separation between infants and parent. The most recent study to use the HAPPY app focuses on nurses' perception in two units, one in Canada and one in Finland, and makes some suggestions for how clinicians can optimise parent-infant closeness in the NICU. Feeley et al, 2016, **Parents and nurses balancing parent-infant closeness and separation: a qualitative study of nurses' perceptions.** *BMC Pediatrics* 16:134

A high level of maternal involvement is the key to a better developmental outcome, according to a study of care in single-family rooms. Infants with high levels of maternal involvement did better in both open bay and single room settings, with some additional benefits for those in the single-family rooms. This paper is likely to attract a lot of interest and it is available OPEN ACCESS at www.jpeds.com. Lester et al 2016, **18-month follow up of infants cared for in a single-family room neonatal intensive care unit.** *Journal of Pediatrics*. On line.



NIDCAP NOTES. The latest **NIDCAP Observer**, now available on nidcap.org, includes articles about siblings, and the Infant Behavioural Assessment and Intervention Program (IBAIP), a well-researched early intervention programme for premature and disabled infants at home.

On the website you will find a beautiful World Prematurity Day Poster to download.

Highlights of the 2016 NIDCAP Trainers' Meeting (Bologna) included research papers on flexible feeding (it works!) and evidenced for the oxytocin response in infants, mothers and fathers during skin to skin. Abstracts will be available in the next edition of the NIDCAP Observer (and we will tell you when it is available).

CONGRATULATIONS to **Debbie Hunt** from St. Michaels Hospital, Bristol, who has completed her NIDCAP training.



FOCUS on FINE

FAMILY AND INFANT NEURODEVELOPMENTAL EDUCATION

With accreditation by the Royal College of Nursing, and a rapidly growing international profile, FINE is going from strength to strength.

What do you get when you sign up for FINE?

- Tutors with advanced training and plenty of relevant practical experience.
- A pathway that takes you from basics to advanced, that you can do at your own pace.
- High quality course materials and up to date information.
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- International recognition. Licensed in 5 countries with translations into French, Swedish, Dutch and German; Spanish, Portuguese, Hebrew, Greek and Italian pending.
- Relative low cost. FINE is a non-profit project. Course are priced favourably compared to others.

Level 1. Foundations is essential information for anyone working in neonatal services. It



- Explains how the science behind developmental care is translated into practice
- Identifies core themes and neuroprotective strategies
- Fills under-recognised gaps in knowledge
- Provides opportunities for shared experience.

Level 2. Practical Skills is a structured programme that puts theory into practice through



- Easy to follow weekly plans
- Observations of babies
- Engagement of parents and colleagues
- Evaluation of practice
- Reflection and mentoring

Level 3. Innovations is in the trial phase.

NEXT FINE COURSES FOR THE UK AND IRELAND

FINE LEVEL 1: FOUNDATIONS (2017)

When	Where	Contact
Jan 30-31:	Southampton	kimberleyease@uhs.nhs.uk
March 13-14:	London	Training@bliss.org.uk
March 23-24:	Bristol	Louise.Gould@UHBristol.nhs.uk.
May 2-3:	Birmingham	Training@bliss.org.uk
June 12-13:	Glasgow	Training@bliss.org.uk
July tbc	Dublin	maoconnor@coombe.ie

FINE LEVEL 2: PRACTICAL SKILLS

Feb. 8 th , 2017	London	Training@bliss.org.uk
Feb. tbc	Dublin	maoconnor@coombe.ie
June tbc	London	Training@bliss.co.uk

The first
FINE Masterclass

will be on

March 9th 2017

in London

This event will be open to everyone who has completed FINE Level 2: Practical Skills for Family Centred Developmental Care, in the UK

The programme will include updates on research and innovations, discussion groups, journal club and more.

Details to be confirmed.

FINE is endorsed by the NFI as Foundations in NIDCAP Education

MORE DATES FOR YOUR DIARY 2017

March 1-4	Florida	The 30th Annual Graven's conference: The Physical and Developmental Environment of the High Risk Infant. <i>Rhythms of the NICU – for Babies, Families and Staff.</i> www.tinyurl.com/GravensConference
March 23rd	Stockholm	Ultra Early Intervention. The topic will be music.* http://www.karolinska.se/for-varldgivarer/kliniker-och-enheter-a-o/astrid-lindgrens-barnsjukhus/neonatalverksamheten/konferenser/
June 12-14	Cumbria	Maternal and Infant Nutrition and Nurture Unit (MAINN) : Nutrition and Nurture in Infancy and Childhood: Bio-Cultural Perspectives** http://www.uclan.ac.uk/conference_events/nutrition-and-nurture-infancy-childhood.php
28-29 Sept.	Paris	European Association for Developmental Care (EADCare) meeting

*You can access video recordings of the 2015 and 2016 conferences at the same website

**You can access abstracts for the 2015 Maternal and Infant Nutrition and Nurture Unit (MAINN), Conference at <http://onlinelibrary.wiley.com/doi/10.1111/mcn.v11.S2/issuetoc>

PEARL: Pain in Early Life.

PEARL is a network for research, education, and providing expert knowledge to parents and health care professionals about pain in early life. Established in 2014 with a group of Nordic researchers. PEARL's first project was: "Translation, cultural adaptation and validation of the revised version of the Premature Infant Pain Profile (PIPP-R): An effort to improve pain assessment for infants in the Nordic countries". The next steps will be to translate and distribute educational material for parents via Internet and social media, and to establish a research and masters course about pain in early life. Find out more about this group from Mats Erikson's presentation from the 2016 PEARL Lecture Day in Oslo. www.pearl.direct.



WEB-CAMERAS. Do you have any experience of web-cams in the NICU?

Reports indicate that parents find these very helpful for checking how their baby is when they have to be away from the NICU, and for keeping grandparents in the loop (Epstein et al AJCC 2015; Rhoads et al. Neonatal Network 2012; Yeo et al Prem J 2011). Staff express concerns about being on view and disruption to their work (Joshi et al, Clin Med Res 2016).

What do you think?

Why is noise more than just annoying?

SONICU have produced a useful little e-book that explains why hospital noise reduction is important. Called "Survey says: It's too loud in here" it is available at www.sonicu.com/resources/sonicu-hospital-monitoring-white-paper

World Prematurity Day, November 17th
1 baby in 10 is born premature. Worldwide.

