Royal Prince Alfred Hospital

Panorama™
Next-generation NIPT

NIPT in Australia: Highlighting Benefits and Challenges in Clinical Practice

Non-invasive prenatal screening through analysis of cell free DNA first became available in Australia in 2013 and is now widely used, particularly in the private healthcare sector.

There is now a significant body of evidence the confirms that this is the most efficacious screening test for Down syndrome as well as other common forms of aneuploidy.

The range of applications of NIPT has continued to develop and the test can now be applied to twin pregnancies and has been shown to be effective in detecting conditions such as triploidy and deletion 22q11.2

We will discuss a series of cases that show the value of NIPT and demonstrate how it is best embedded in clinical management. We shall also review discuss developments, such as genome wide NIPT and screening for rare autosomal trisomies that are likely of little diagnostic value and have the potential to reduce overall efficacy of this screening test.

You are cordially invited.

Thursday, April 29, 2021

6:30 - 7:00 PM: Pre-drinks & Networking

7:00 - 8:00 PM: Presentation & Q&A

Kerry Packer Education Centre
12A Missenden Rd, Camperdown NSW 2050, Australia

Canapés and refreshments will be served. Free event, commitment required. Space is limited - register early!

2 ANSC Points have been allocated for this event.

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Register Here

FEATURED SPEAKER:

Professor Jon Hyett MBBS BSc MD MRCOG FRANZCOG

Jon Hyett is the Head of High Risk Obstetrics and a Senior Staff Specialist in Obstetrics and Maternal and Fetal Medicine at the Royal Prince Alfred Hospital, Sydney. He is also Clinical Professor in the Discipline of Obstetrics, Gynaecology and Neonatology at the University of Sydney.

Jon is the Chair of the RANZCOG committee monitoring quality assurance in first trimester screening, and a member of NSW state committees reviewing obstetric and perinatal outcomes and the development of genomic testing in reproductive healthcare. Jon's primary research interests include predictive modelling and preventative interventions for adverse obstetric outcomes. He is also interested in management of multiple pregnancies.