



Pre-Congress course – Paediatric Videofluoroscopic Swallow Study

Faculty – Associate Professor Kelly Weir & Associate Professor Anna Miles

DAY 1 - TUESDAY 7th October, 2025

| TIME | TOPIC | CONTENT |
|-------------|--|---|
| 8.30-9.00 | Welcome | <ul style="list-style-type: none"> • Introductions, • Participant experiences & individual goals • Aims of the course |
| 9.00-10.00 | Understanding fluoroscopic presentation of normal swallowing development in infants & children | <ul style="list-style-type: none"> • Fluoroscopic examples: Anatomy, breast feeding, bottle feeding, cup drinking, texture transitions |
| 10.00-10.20 | BREAK | |
| 10.20-11.45 | Procedural considerations for Paediatric VFSS | <ul style="list-style-type: none"> • Indicators & referral for paediatric VFSS • Role of the MDT • Clinical feeding-swallow eval • VFSS procedure Bookings/timings of procedures • Pre-requisite information • Positioning • Food preparation, contrasts & variations • Protocols & adaptations • Parent resources |
| 11.45-12.30 | VFSS Radiological considerations | <ul style="list-style-type: none"> • Acquisition rates • Exposure & radiation dose • Radiation safety |
| 12.30-1.15 | LUNCH | |
| 1.15-2.30 | Subjective analysis & use of rating scales for each | <ul style="list-style-type: none"> • Paediatric VFSS data analysis • Nasopharyngeal reflux • Laryngeal penetration • Oropharyngeal aspiration • Post-swallow residue |
| 2.30- 3.00 | Relationship between VFSS results & clinical presentation | <ul style="list-style-type: none"> • Clinical signs associated with NPR, ILP, OPA, PSR • Penetration-aspiration and lung disease |
| 3.00-3.20 | BREAK | |
| 3.20-4.15 | Overview of VFSS recommendations | <ul style="list-style-type: none"> • Common recommendations following VFSS across different age groups |
| 4.15-4.30 | Wrap up discussion | <ul style="list-style-type: none"> • Learning points, reflections |

DAY 2 – Wednesday 8th October, 2025

| TIME | TOPIC | CONTENT |
|-------------|---|---|
| 8.30-8.45 | Welcome & Recap | <ul style="list-style-type: none"> Recap, Questions & Notices Overview of today's content |
| 8.45-10.00 | Quantitative analysis | <ul style="list-style-type: none"> Introduction to quantitative analysis – why we need to integrate into practice Equipment & setting up your clinic for quantitative analysis Quantitative measures <ul style="list-style-type: none"> What are they? Physiological correlates Measures most pertinent to paediatrics Quantitative measures in typically developing children: including & texture variations VFSS protocol to include quantitative measures (timing & displacement) |
| 10.00-10.20 | BREAK – MORNING TEA | |
| 10.20-12.00 | Practical session | <ul style="list-style-type: none"> Determining quantitative measures with a variety of case studies |
| 12.00-12.30 | | <ul style="list-style-type: none"> Reporting with quantitative measures Inter-rater reliability Questions |
| 12.30-1.15 | LUNCH | |
| 1.15- 3.00 | Paediatric Populations: Literature-VFSS profiles & Selected Case Examples | <p>Respiratory:</p> <ul style="list-style-type: none"> Preterm and term infants on NIV RSV Tracheostomy <p>Neurological:</p> <ul style="list-style-type: none"> Cerebral palsy Head Injury Posterior Fossa Tumour <p>Structural:</p> <ul style="list-style-type: none"> Laryngeal cleft Oesophageal atresia & Tracheoesophageal Fistula Cricopharyngeal achalasia |
| 3.00-3.20 | BREAK – AFTERNOON TEA | |
| 3.20-4.00 | Paediatric Populations: Literature-VFSS profiles & Selected Case Examples | <p>Medical & Genetic:</p> <ul style="list-style-type: none"> Gastroesophageal reflux & eosinophilic oesophagitis CHARGE, Down Syndrome, Moebius |
| 4.00-4.30 | Wrap up discussion | <ul style="list-style-type: none"> Learning points, reflections Participant feedback |

LEARNING OUTCOMES

- Describe typical radiological swallowing patterns in infants and children
- Describe VFSS protocols, procedures and variations for infants and children
- Describe types of swallowing dysfunction and compensation in infants and children
- Discuss mealtime recommendations based on clinical and VFSS information for infants and children

FACULTY



Associate Professor Kelly Weir is the Director of Allied Health Research at the Royal Children's Hospital Melbourne and A/Prof at the University of Melbourne. She is a certified practicing speech pathologist with extensive clinical dysphagia practice in tertiary paediatric hospitals. Kelly specialises and researches in the area of paediatric dysphagia/feeding disorder including aspiration-related respiratory disease, oral feeding on nasal high flow, paediatric and neonatal intensive/acute care management, tracheostomy, VFSS and dysphagia in children with cerebral palsy and disability. She is an international presenter, has over 100 publications in international scientific journals, with her work cited extensively. Kelly supervises HDR candidates and mentors speech pathologists & other AH clinicians in undertaking clinically driven research in paediatric dysphagia & other specialty areas.

<https://findanexpert.unimelb.edu.au/profile/1012457-kelly-weir>



Associate Professor Anna Miles is a practising speech-language pathologist with 25+ years of experience working in the acute and community setting. Anna is an Associate Professor at The University of Auckland. She is a researcher, lecturer and clinician in the area of voice and swallowing disorders. Anna runs a hospital-based student teaching clinic as well as an outpatient voice and swallowing rehabilitation clinic. She is the New Zealand Speech-language Therapists' Association Expert Adviser in Adult Dysphagia. Dr Miles has ~130 peer reviewed publications and 2500+ citations. The Swallowing Research Laboratory in the Centre of Brain Research at The University of Auckland, led by Dr Miles, strives to improve the lives of people with swallowing difficulties across the lifespan through improved assessment, treatment and medical education.

Join us in Athens 7-8th October, 2025

Registration via the ESSD2025 website: <https://essd2025.org/>