

Calls for Training

RANZCOG supports the role of instrumental birth in current obstetric practice, considering that when balanced against the risk of leaving a fetus undelivered, it provides a safe and effective option for appropriately selected cases (2016).

The Cochrane Review, Choice of instruments for assisted vaginal delivery (2010) supports the use of vacuum extraction as the first line method for assisted birth and the Clinical Excellence Commission (CEC) in NSW reports that vacuum-assisted births are becoming the mode of choice to expedite birth compared to forceps, due to ease of application and low incidence of maternal trauma (2014).

However, the CEC has found indications that clinicians are underestimating the necessity of rigour in training and supervision for the practice of vacuum delivery (2014).

Vacuum delivery is not without risk. Injury from vacuum-assisted birth is estimated to be around five per cent (CEC 2014). Complications include subgaleal haemorrhage (SGH), which is potentially life threatening and occurs in approximately 1 in 300 cases (RANZCOG 2012).

Vacca Research surveyed 115 participants prior to Vacca Technique workshops during 2016 and found that knowledge of prevention of subgaleal haemorrhage was low. In some groups 2 out of 3 did not know how to prevent the condition and 1 in 4 would fail to diagnose it, compromising level 1 neonatal surveillance contra to RANZCOG recommendations (C-Obs 28: Rec 3.5.2).

While neonatal mortality from subgaleal haemorrhage has been found to range from 12% to 25%, Boo et al (2005) found that it dropped to just 2.8% in a Malaysian hospital after a formal surveillance program for SGH was established, indicating that high awareness among clinicians will improve neonatal mortality.

RANZCOG maintains that the importance of adequate training and supervision in vacuum delivery cannot be over-emphasised (2012). Despite strong evidence that inadequate training is a significant factor in adverse outcomes, operators are not attaining adequate training prior to performing vacuum deliveries (Vacca 2006, Clinical Excellence Commission 2014).

91% of clinicians surveyed in Vacca Technique pre-testing during 2016 said they had not been provided adequate training for the prevention of subgaleal haemorrhage. And, in some groups, one third of clinicians said they would perform a vacuum delivery on a 32-week infant, despite this being a serious contraindication for vacuum delivery.

Simple awareness of contraindications such as this, and training in correct technique will evidently lead to substantial improvement in vacuum delivery outcomes.

"The importance of adequate training and supervision in vacuum delivery cannot be overemphasised."

RANZCOG - Prevention, detection and management of Subgaleal Haemorrhage in the newborn C-Obs 28

Learn to recognise, grade & perform safe vacuum deliveries that fall within your own level of expertise. Acquire the hands-on skills needed to perform non-rotational & rotational vacuum deliveries.

REGISTER ONLINE



www.vaccaresearch.com

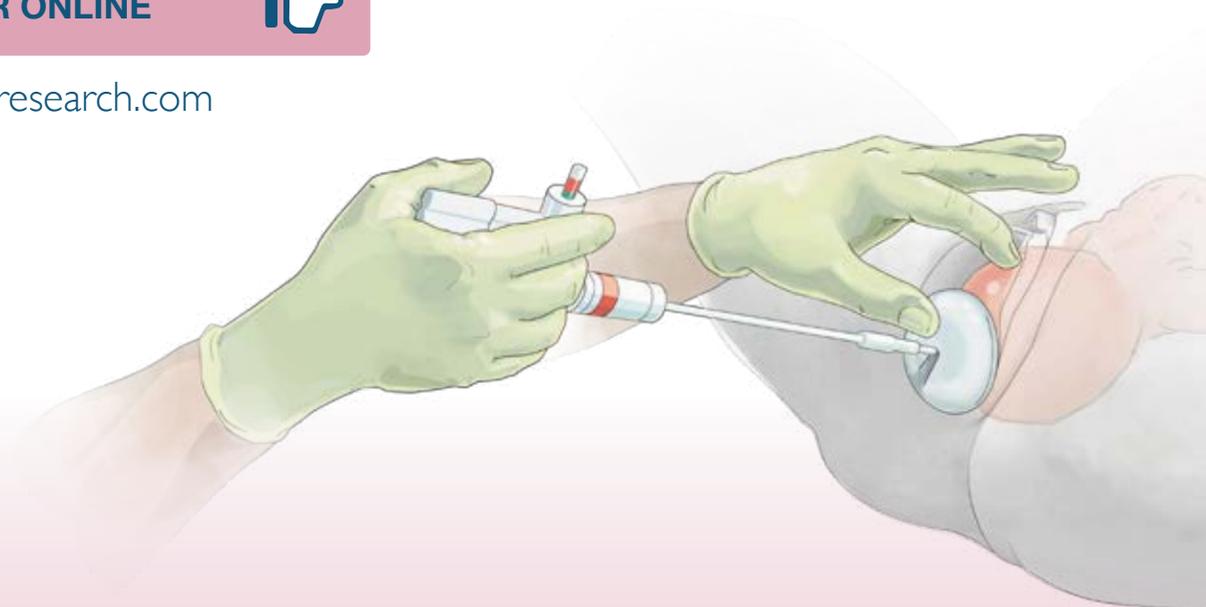


Vacca Research™

Vacca Technique™ VAD Course

Vacuum-Assisted Delivery Birth
Simulation Training

**With special target module:
Prevention of Subgaleal Haemorrhage**



Overview

The aim of the course is to provide instruction and hands-on practice in vacuum delivery procedure (both non-rotational and rotational) to build competencies of staff by increasing their knowledge about safe VAD procedure, and to prepare them for Level C (Beginner grade) entry into existing institution training programs for vacuum assisted delivery.

The course consists of online pre-learning modules, presentations, focused hands-on workshops, and small group discussions on appreciation of the risks, working within procedural limits, and fostering teamwork and communication.

The cost of the course is inclusive of 12 months online education subscription to the Vacca Research VAD knowledge base.

Places on this course are strictly limited to 12 participants.

Why Attend?

- Learn to recognise, grade & perform safe vacuum assisted delivery and enhance your skill level
- Learn to perform non-rotational & rotational vacuum deliveries
- Understand and apply safety and risk management to your vacuum delivery procedure

Who Should Attend?

Trainee, Obstetricians, Midwives, Birth attendants, General practitioner (GP), Trainees, Other Care Providers

Workshop Instructors:

Belinda Vacca
Janet Vacca



Skills Monitoring and Evaluation!

At the conclusion of the course a workshop training performance, skills evaluation and recommendations report is provided to your organisation.

Program

**2 WEEKS
PRIOR**

The key principles of VAD procedure

- Clinical governance
- Safety before, during & after
- Patient selection

ONLINE

WORKSHOP EVENT

**1st
HOUR**

Presentation, demonstration & instructions

**2nd
HOUR**

Basic stations: Low outlet non rotational VAD

- Procedural technical aspects
- The five procedural steps of VAD
- Simulated low outlet procedure
- Teamwork & communication

TEA

**3rd
HOUR**

Advanced stations: Mid rotational VAD

- Understanding procedural limits
- Simulated mid rotational case scenarios
- Simulated high rotational case scenarios
- Case reviews

**4th
HOUR**

Practical assessment & discussion

- Key contributing factors to neonatal trauma
- Procedural limits
- Full appreciation of the risks
- Understanding & prevention of SGH
- Post VAD surveillance & management

CLOSE

1 YEAR

Continued medical education on VAD

- Access online VAD knowledge base.
- Access online resources
- Learning support

ONLINE



Our workshop events feature specialised training models designed specifically for medical practitioners. The models accurately simulate the tactile experience of using vacuum. It allows the clinician to concentrate on the delivery of the head.

DURATION: **4 HRS**

LOCATION: **IN-HOUSE**

INCLUDES: **WORKSHOP TRAINING EVENT
12mo CONTINUED EDUCATION**

COST: **AU\$495** (workshops within Australia)



Book online

To book your place please register online at www.vaccaresearch.com

In-house training for
your organisation!

