



PROCEDURE
Cardiotocography(CTG) Monitoring Mandatory education requirements for staff
This document should be read in conjunction with this Disclaimer

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Purpose

To confirm the minimum mandatory education requirements for clinicians with a responsibility for performing and/or interpreting CTGs at WNHS in order to adhere to the CTG Monitoring Policy and Standard:

<http://www.health.wa.gov.au/circularsnew/pdfs/13386.pdf>

Background

The intent of the CTG Monitoring Standard is to provide a consistent framework for CTG monitoring to underpin clinical practice that is in accordance with the Royal Australian and New Zealand College of Obstetricians and Gynaecologists (RANZCOG) Intrapartum Fetal Surveillance Clinical Guideline Third Edition 2014 (<https://www.ranzcog.edu.au/intrapartum-fetal-surveillance-clinical-guidelines.html>) and relevant maternity service policies/guidelines.

Procedure: Education requirements

All clinicians with a responsibility for performing and/or interpreting CTGs should:

- Have access to regular, scheduled multidisciplinary learning opportunities to promote effective communication and teamwork.



- Meet the minimum mandatory education requirements defined in the CTG Monitoring Standard.

Refer to Appendix A for midwife education requirements summary.

Orientation/initial requirements

Minimum requirement	Midwives	Medical Practitioners
Orientation to the CTG Monitoring Policy, this Standard; and any associated relevant local maternity service guidelines and clinical escalation pathways associated with CTG monitoring.	Orientation to CTG Monitoring Policy & Standard at Midwifery & Nursing Orientation day.	Orientation to CTG Monitoring Policy & Standard at RMO, Registrars & Consultants Orientation sessions.
Confirmation of equivalent prior learning or an introduction to CTG monitoring, content to be determined by the Health Service Provider or Contracted Health Entity, prior to a clinician being required to perform or interpret CTG monitoring.	<p>Review of equivalent prior learning as part of recruitment & selection &/or orientation (CTG education requirements document Appendix A, DNAMER website).</p> <p>Completion of K2MS (Acid base & fetal physiology & Intrapartum cardiotocography), unless previously completed, within 6/12 of commencing employment at WNHS or FSEP.</p> <p>Book attendance at face to face Introduction to Fetal Monitoring course if required.</p>	<p>Review of equivalent prior learning as part of orientation.</p> <p>Completion of K2MS for new RMO's prior to obstetric rotation.</p> <p>Completion of K2MS (Acid base & fetal physiology & Intrapartum cardiotocography), unless previously completed, within 6/12 of commencing employment at WNHS or FSEP.</p>



Annual requirements

Minimum requirement	Midwives	Medical Practitioners
<p>Completion of an annual CTG monitoring education update, content to be determined by the Health Service Provider or Contracted Health Entity.</p>	<p>Completion of K2 simulator x 3 traces with assessment.</p> <p>Confirm at annual review of compliance with mandatory education requirements. (Checklist available on WNHS Education Hub)</p>	<p>Completion of K2 simulator x 3 traces with assessment, OR</p> <p>Facilitator at KEMH AFA workshops x 2, OR</p> <p>Lead a case presentation at session for junior medical staff & midwives held monthly in Labour & Birth Suite.</p> <p>Confirm at annual review of compliance with mandatory education requirements.</p>
<p>Achievement of the practitioner assessment level commensurate with their experience and level of responsibility in the delivery of maternity care, assessed at annual review or at intervals determined by the Health Service Provider or Contracted Health Entity.</p>	<p>Achievement of $\geq 70\%$ in K2 simulator assessment. Follow Flowchart for pathway if minimum requirement not achieved. (Appendix B).</p> <p>Achievement of $\geq 75\%$ in K2 Assessment Tool (Advanced skill CTG requirement only)</p>	<p>Achievement of $\geq 70\%$ in K2 simulator assessment. Follow Flowchart for pathway if minimum requirement not achieved. (Appendix B).</p> <p>Achievement of $\geq 75\%$ in K2 Assessment Tool</p>



Advanced skill CTG requirements

Minimum requirement	Midwives	Medical Practitioners
Completion of an advanced skill CTG education program which includes a structured face to face learning component (e.g. FSEP face to face multidisciplinary education session), content to be determined by the Health Service Provider or Contracted Health Entity, every three to five years, dependent on the current level of required practice and responsibility for performing and interpretation of CTG's, as determined by the Health Service Provider or Contracted Health Entity.	<p>Completion of annual requirements (3x K2 simulator traces, K2 assessment tool).</p> <p>Completion of KEMH AFA course or RANZCOG FSEP every 5 years.</p> <p>Applicable to the following midwives: CMC (LBS, wards, MFM), CMS (FBC/MGP), CDM (LBS & FBC/MGP/wards), Level 2 midwives (LBS, wards, MGP exc CMP)</p>	<p>Completion of annual requirements (3x K2 simulator traces, K2 assessment tool).</p> <p>Completion of KEMH AFA course or RANZCOG FSEP every 5 years.</p>

Note: Antenatal CTG traces may only be reviewed, interpreted and signed off by the following categories of staff:

- Two (2) midwives who have passed an 'Advanced Fetal Assessment Course' and maintained advanced skill CTG requirements
- or**
- An Obstetric resident and midwife who have passed an 'Advanced Fetal Assessment Course' and maintained advanced skill CTG requirements
- or**
- An Obstetric registrar who has passed an 'Advanced Fetal Assessment Course' and maintained advanced skill CTG requirements
- or**
- A Consultant Obstetrician has passed an 'Advanced Fetal Assessment Course' and maintained advanced skill CTG requirements



Appendix A: WNHS Cardiotocography (CTG) midwife education requirements summary

Key points

- Midwives who are responsible for performing and/or interpreting CTGs are compliant with CTG mandatory education. ([CTG Monitoring standard](#))

Advanced skill CTG – a midwife or medical officer who has completed all mandatory CTG training requirements and successfully completed WNHS Advanced Fetal Assessment (AFA) or equivalent.

Orientation	Date	Initial
<ul style="list-style-type: none"> • Introduction to fetal monitoring session or equivalent recognised prior learning. • Completion of acid base and intrapartum physiology K2 modules or FSEP 		
Ongoing requirements		
Achievement of ≥70% in K2 simulator × 3 cases annually. (Refer to WNHS K2 simulator flow chart)		

Advanced skill CTG requirement Applicable Not Applicable

Initial requirements	Date	Initial
<ul style="list-style-type: none"> • Completion of orientation and ongoing requirements • Successful completion of Advanced Fetal Assessment or equivalent. 		
Ongoing requirements to fulfil role of advanced skill clinician		
<ul style="list-style-type: none"> • Achievement of ≥70% in K2 simulator × 3 cases annually. • Achievement of ≥75% in Assessment tool for both Acid base and Intrapartum Physiology annually • Successful completion of AFA or FSEP 5 yearly 		

Recommendation (to be determined by LBS Clinical Midwife Consultant or Staff Development Midwife)

Achieved NOT achieved – Plan:

Supervisor Name: _____

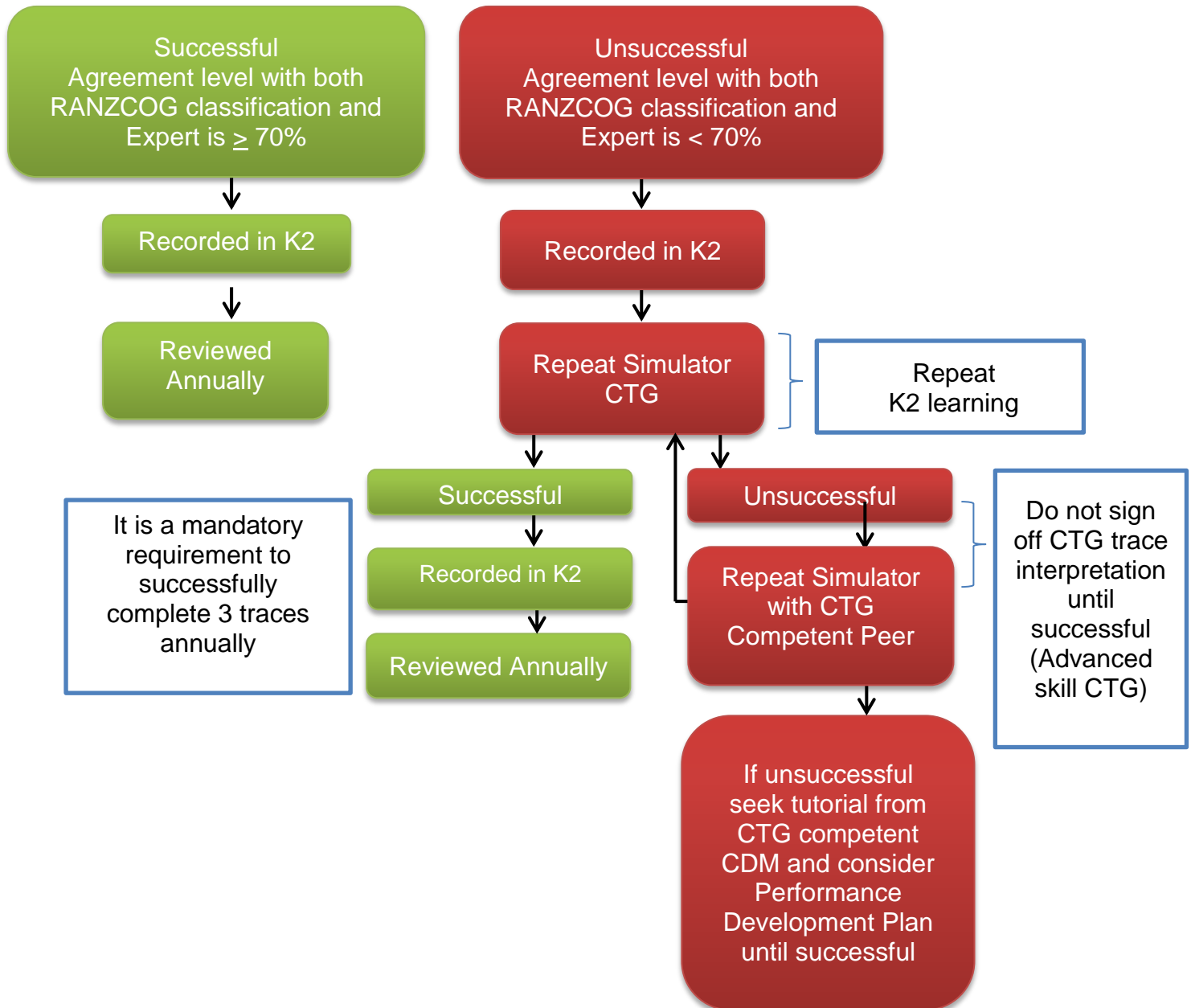
Date: _____

Supervisor Signature: _____



Appendix B: WNHS K2 simulator – management flow chart

3 Simulator CTG traces to be completed annually






References

1. 2014 <https://www.ranzcog.edu.au/intrapartum-fetal-surveillance-clinical-guidelines.html>
2. 2018 <http://www.health.wa.gov.au/circularsnew/pdfs/13386.pdf>

Related WNHS policies, procedures and guidelines

- KEMH Guidelines Obstetrics & Gynaecology: Fetal Heart Rate Monitoring

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