

# An adapted WHO checklist for category 1 delivery As easy as ABC

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## Introduction

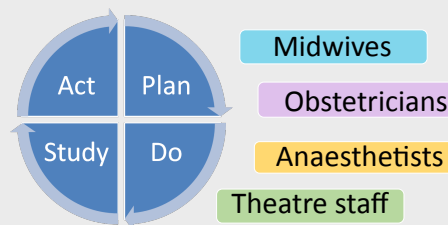
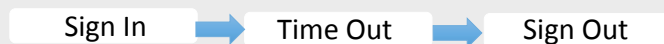
### Checklists within emergency obstetrics:

- + Minimise errors - May introduce delays
- + Improve situational awareness
- + Improve decision making
- + Improve anticipation of challenges and complications
- + Encourage better communication and team working

We intended to adapt the maternity WHO checklist to facilitate its use in category 1 emergency obstetric care

## Method

Audit of adherence to the current WHO checklist in emergency obstetric theatre. Data was collected on:



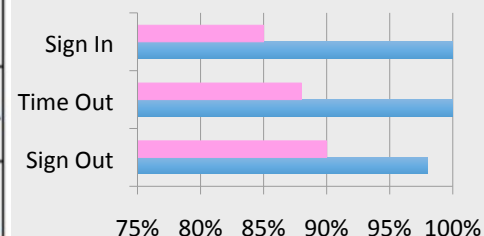
Survey of obstetric staff on:

- Barriers to use of the current checklist in category 1 delivery
- Views on the new checklist

COMBINED SIGN IN/TIME OUT 'This is category 1 delivery for...':	
PATIENT ID CORRECT? CONSENT?	
<input type="checkbox"/> Allergy <input type="checkbox"/> Airway plan <input type="checkbox"/> Anaesthetic plan	A
<input type="checkbox"/> Blood needed? <input type="checkbox"/> Block ready? IS GA NEEDED? <input type="checkbox"/> Baby - is neonatal team here?	B
<input type="checkbox"/> Catheter <input type="checkbox"/> Clip off baby's head <input type="checkbox"/> Complete team and sterile equipment ready	C
<b>"IF ANYONE HAS ANY SAFETY CONCERNS AT ANY TIME PLEASE SHOUT OUT"</b>	
	S A F E T Y

## Results

### Completion of current WHO checklist



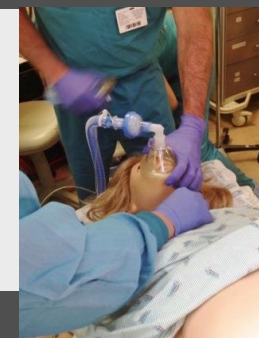
Obstetric staff felt the adapted WHO checklist is:

- Simpler to use (100%)
- More time efficient (86%)
- Improves compliance (91%)

Emergency cases (pink)  
Elective cases (blue)

## Discussion

- ABC approach familiar in emergency situations
- Combined briefing, sign in and time out enables smooth preparation in a complex environment
- Additional final prompt encourages exchange of key safety information and flattens hierarchy
- Develop the role of modified checklist for all urgent obstetric cases, aiming for 100% compliance



## References

1. NPSA and Royal College of Obstetricians and Gynaecologists. WHO surgical safety checklist for maternity cases only. 2010. <http://www.nrls.npsa.nhs.uk/resources/?EntryId45=83972>.
2. NHS Institute for Innovation and Improvement. Plan, Do, Study, Act (PDSA). 2015. [http://www.institute.nhs.uk/quality\\_and\\_service\\_improvement\\_tools/quality\\_and\\_service\\_improvement\\_tools/plan\\_d\\_o\\_study\\_act.html](http://www.institute.nhs.uk/quality_and_service_improvement_tools/quality_and_service_improvement_tools/plan_d_o_study_act.html).
3. Walker IA, Reshamwalla S, Wilson IH. Surgical safety checklists: do they improve outcomes? British Journal of Anaesthesia. 2012; 109: 47-54.