DETECT and TREAT POSTPARTUM HAEMORRHAGE EARLY

**Early detection and trigger criteria**
- Calibrated drape for blood loss collection with trigger lines at 300ml and 500ml for the first hour after birth
- Observations (blood loss, blood flow, uterine tone) every 15 minutes documented on the blood loss monitoring chart
- Blood pressure and pulse carried out once in the 1st hour postpartum and documented on the blood loss monitoring chart

**Massage of uterus**
- Massage until uterus has contracted or for one minute

**Oxytocic drugs**
- 10 IU IV oxytocin injection or diluted in 200-500ml crystalloid over 10 minutes plus a maintenance dose for 20 IU IV oxytocin diluted in 1000ml saline over 4 hours (+ misoprostol 800mcg PR/SL if used)

**Tranexamic acid**
- 1g IV injection of tranexamic acid or diluted in 200ml crystalloid over 10 minutes

**IV fluids**
- IV fluids in addition to the infusion should be given if clinically indicated for resuscitation and will require a 2nd IV access

**Examination and escalation**
- Ensure bladder is empty, evacuate clots, check for tears with an internal examination and placenta for completeness
- Escalate if bleeding does not stop after first response or you are unable to identify or manage cause of bleeding

**Implementation strategies**
- **Audit newsletters**: sharing with all staff monthly detection and bundle use rates along with PPH, severe PPH, blood transfusion, laparotomy and death from PPH rates and given feedback at monthly departmental meetings
- **Champions**: midwife and doctor to oversee change, troubleshoot, give feedback on audit newsletters, connect with other champions through chats, meeting and websites for sharing knowledge and lessons learnt
- **Trolley and/or carry case**: including all medicines and devices required for the treatment of PPH restocked after every use and complete a stocking checklist at the start of every shift
- **Training**: on-site, simulation-based, and peer-assisted training of 90 minutes to a whole day facilitated by the use of provider guides, flipcharts and job aids displayed in labour wards