



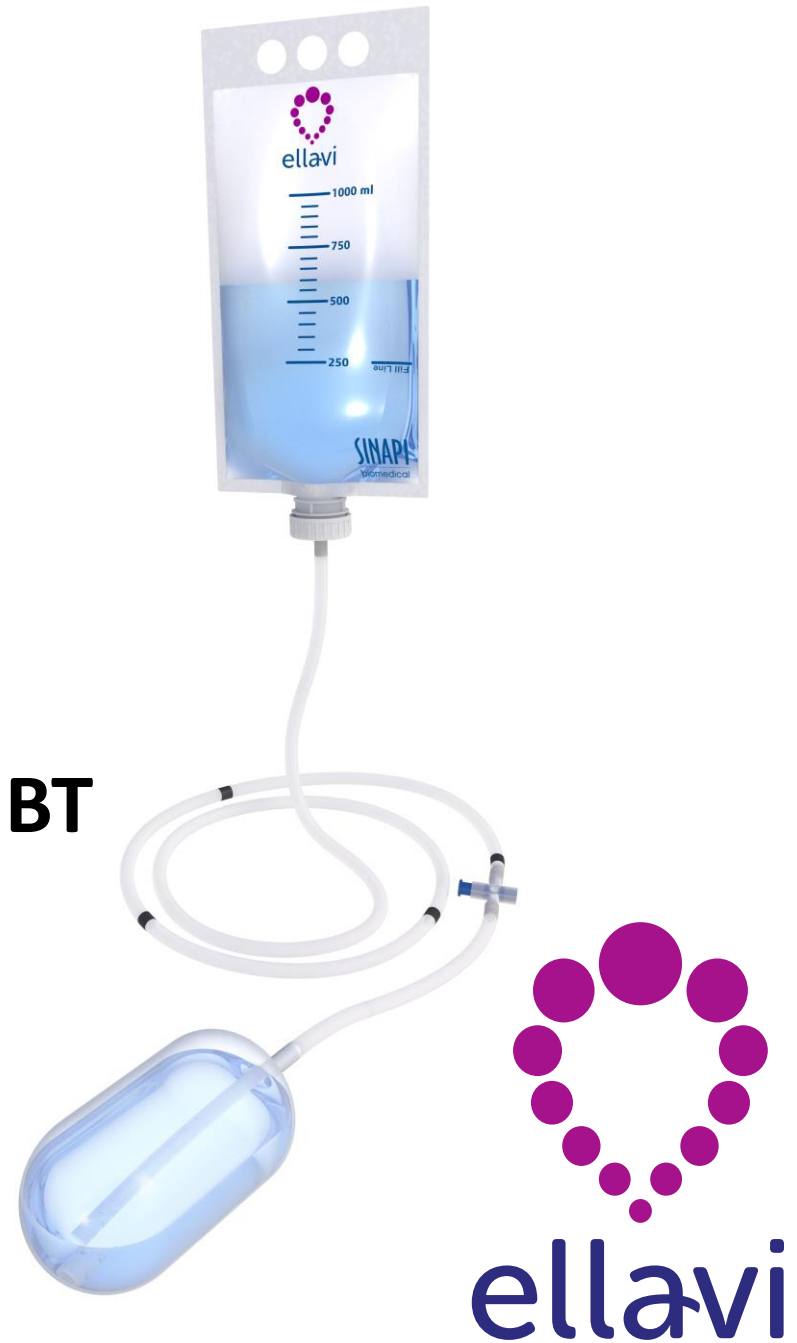
Free flow, pressure controlled uterine balloon tamponade (UBT)

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South Africa
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- **Who we are**
- **The problem**
- **Innovative design: ellavi UBT**
- **Training resources**



WHO WE ARE

SINAPI

biomedical



Problem

Postpartum
hemorrhage

34% of maternal deaths in Africa¹

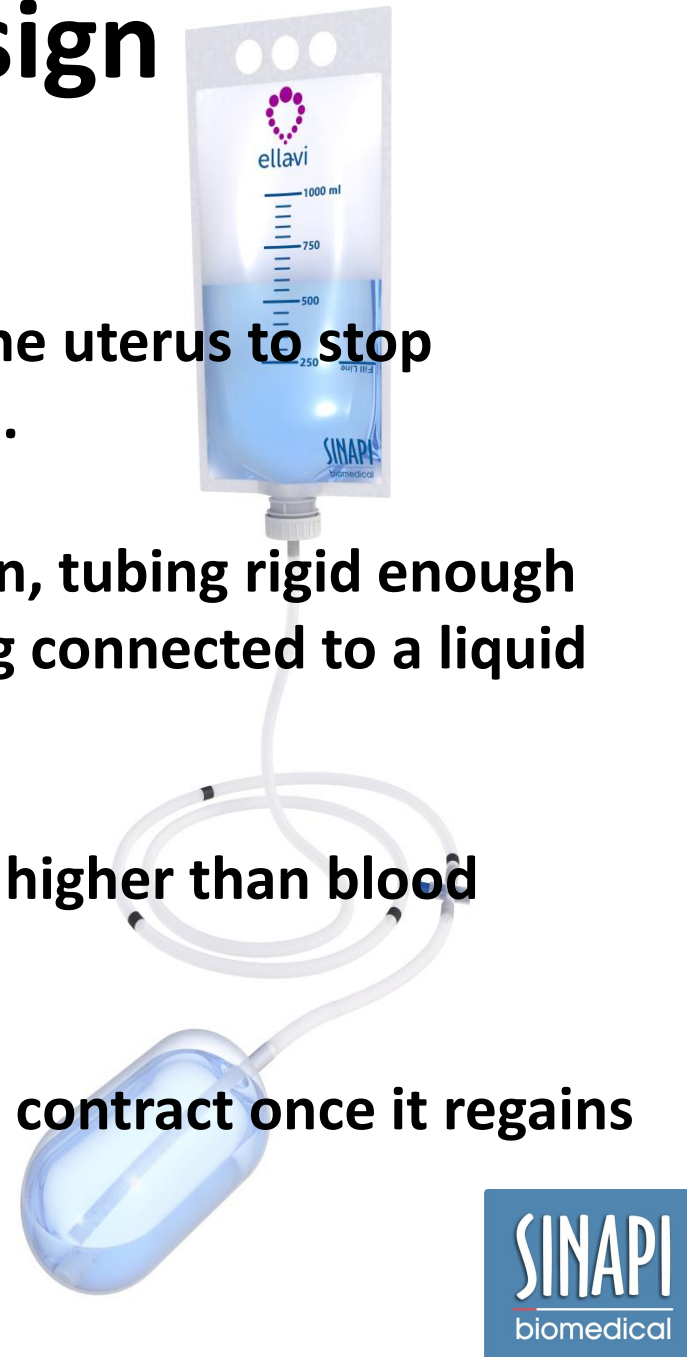
- **The use of Uterine Balloon (UBT) is WHO-recommended as second-line therapy for PPH once uterotonics fail, however balloons are not available due to:**
 - **Cost of commercial devices (200 USD)**
 - **Condom catheters are not regulated**
 - **Shortage of trained staff**
- **The design of UBT's should also be improved on**

1. Kahn et al. WHO analysis of causes of maternal deaths: A systematic review.



Innovative Design

- The Ellavi UBT is a balloon inserted into the uterus to stop bleeding during Post Partum Hemorrhage.
- It comprises of a large, thin walled balloon, tubing rigid enough to insert into the uterus and longer tubing connected to a liquid bag.
- Lift the bag to control pressure to slightly higher than blood pressure
- The free-flow system allows the uterus to contract once it regains contractility
- Visibly 'see' the uterus contract



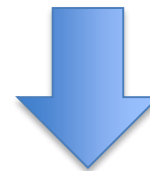


BOLD IDEA

- **Low cost = R150 (government) = 1/ 20th the cost of commercial UBT's**
- **Regulated – CE-mark, In-country registrations underway**
- **Clinical evidence – 1st clinical – Int Journal of Obs&Gyn, 2nd trial**
- **The pressure control & free-flow system will increase ease of use and therefore acceptance**
- **Training (Bettercare.co.za) – crucial part of impact**

TRAINING RESOURCES

bettercare.co.za



5A
Skills: Inserting and using intra-uterine balloon tamponade to treat postpartum haemorrhage



Training Resources





THANK YOU

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