Why A Device for VMMC?

Jason Reed, MD, MPH
Sr. Technical Advisor for Male Circumcision Programming
Office of the U.S. Global AIDS Coordinator
How could a device help?

Conventional surgical circumcision poses challenges...

- Fear of pain, complications from surgery, and loss of work as barriers to uptake
- Surgically skilled providers are limited and difficult to assign to an elective procedure like circumcision
- Suitable infrastructure and commodities are scarce and difficult to dedicate to an elective procedure like circumcision
- Feasibility of scale-up may be questioned given the resources needed, the scope of the surgical task, and uncertainties about acceptability/demand

Ideally, a medical device for VMMC would alleviate these challenges
The ‘Ideal’ Medical Device for MC

- Effective, safe, inexpensive, highly acceptable
- No injection of local anesthesia
- Minimal discomfort/pain
- No sutures (bloodless)
- Cause minimal disruption in daily activities
- Does not require physician to place/remove device
- Single nurse provider could place device; single nurse provider could remove device
- Sterile environment not required (no cutting of living tissue)
- Self detaching if left in place beyond recommended time
Device Characteristics

PrePex
- Anesthesia injections: No
- Sutures (bleeding): No
- Physician required: No
- Sterile setting required: No

Shang Ring
- Anesthesia injections: Yes
- Sutures (bleeding): No
- Physician required: Yes/No
- Sterile setting required: No
reedjb@state.gov
+1-202-203-4788

Thank You!