



ebb[®]
Complete Tamponade System
BY BELFORT AND DILDY

Postpartum hemorrhage
takes you by surprise

.....
If action isn't taken quickly
mom can be lost.

Postpartum hemorrhage is one of the top three causes of maternal death in developed countries¹⁻³

- It complicates 5% of births
- Puts 200,000 mothers in the United States at risk every year
- Can be fatal within 2 hours without treatment

However, PPH mortality is preventable. Studies suggest that 73% to 93% of bleeding deaths are preventable^{2,3}

The leading cause is uterine atony⁴

Etiology

- Uterine atony
- Lower genital tract lacerations
- Retained placenta
- Uterine rupture
- Placenta accreta
- Uterine inversion
- Coagulopathy

Complications

- Hypovolemia
- Hypotension, shock, cardiac arrest, death
- Acute tubular and cortical necrosis
- Disseminated intravascular coagulopathy
- Blood transfusion complications
- Viral diseases
- Immunologic problems

Characteristics of the ideal tamponade balloon catheter

- Treats entire uterus when necessary
- Conforms to uterine shape
- Treats vaginal bleeding if present
- Can be rapidly deployed
- Adjusts to individual anatomy
- Remains in place
- Allows continued hemorrhage assessment
- Is easy to place and remove
- Cost effective

ebb, extremely good at handling urgent situations

Recent retrospective study published in AJOG confirms ebb effectiveness¹

- Bleeding significantly or completely stopped in 98% of the cases¹
- Nearly 50% (23/51) patients required balloon volumes of >500 mL to stop bleeding¹
- May help avoid hysterectomy¹

ebb is the tamponade solution

- **Complete** conformation to uterus for proper tamponade
- **Rapid**, direct inflation allows quick response time
- **Secure**, dual balloon mechanism securely anchors balloons in place for treatment of both uterine and vaginal bleeding
- **Easy** to set up, administer, and gauge bleeding

The only dual balloon tamponade system with a 750mL fill volume uterine balloon

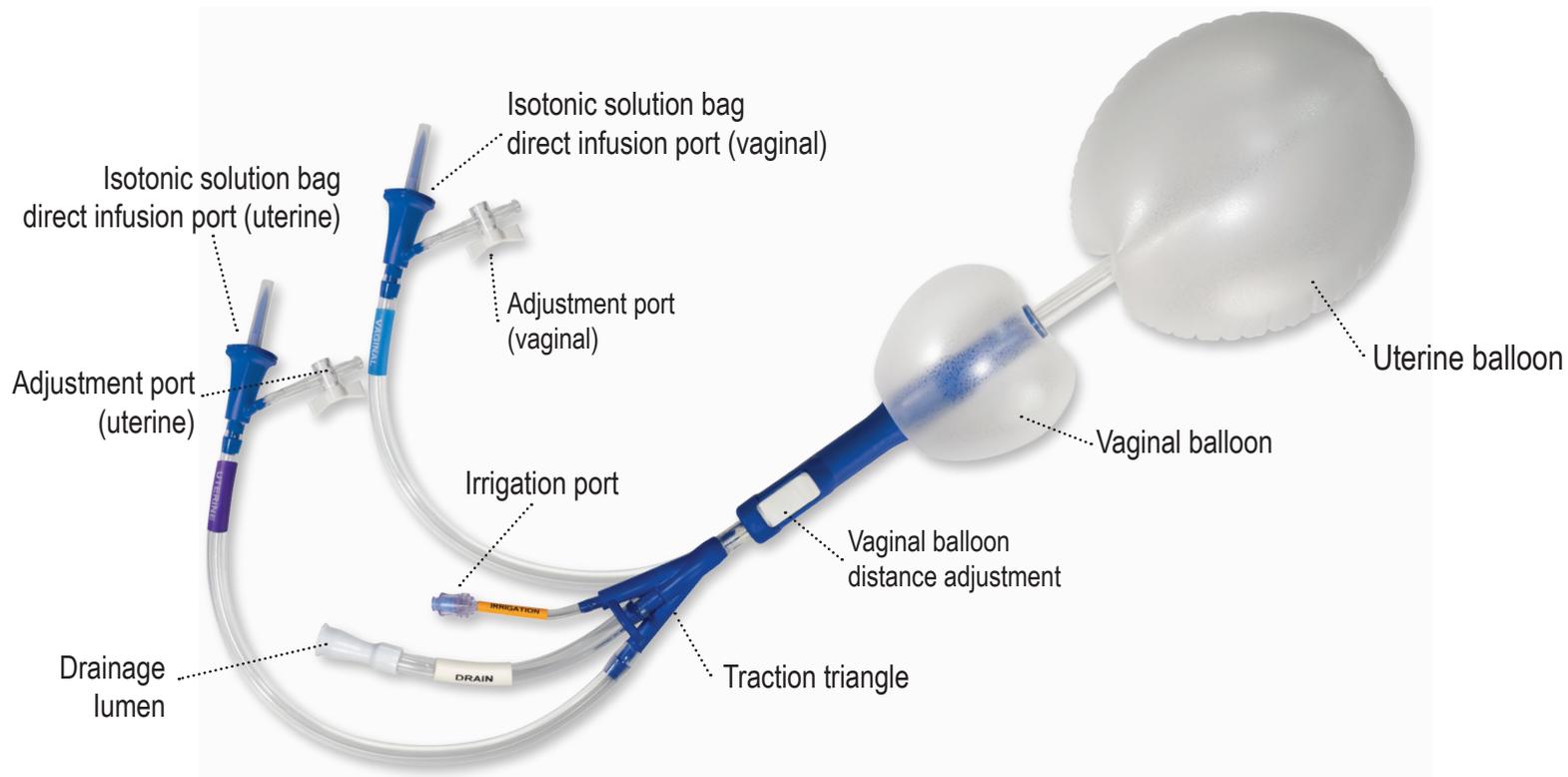
Strong, malleable material allows uterine balloon to conform to any uterine shape

Vaginal balloon anchors the device and may control vaginal bleeding

Rapid IV spike and direct-fill mechanism

External ports allow independent control of inflation, deflation, irrigation, and drainage

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Description:

Made from a strong, malleable polyurethane that conforms to the uterine anatomy, the ebb Complete Tamponade System is the only tamponade system that has dual balloons to control both vaginal and uterine bleeding and can be rapidly filled directly from a uterine balloon for tamponade and a vaginal balloon which provides an anchor and may control vaginal bleeding.

Indication:

The ebb is indicated for use in providing temporary control or reduction of postpartum uterine bleeding. Inflation of the vaginal balloon anchors the uterine balloon and provides vaginal tamponade if vaginal bleeding is present. The ebb should only be used in the setting of post-partum uterine bleeding when conservative management is warranted.

1. Initial experience with a dual-balloon catheter for the management of postpartum hemorrhage. Dildy GA, Belfort MA, Adair D, et al. *Am J Obstet Gynecol.* 2014;210:136.e1-6.
2. Clark SL, Belfort MA, Dildy GA. Maternal death in the 21st century: causes, prevention, and relationship to cesarean delivery. *Am J Obstet Gynecol.* 2008;199:36e1-36.e5.
3. Pregnancy related mortality in the United States, 1998 to 2005. Berg CJ, Callaghan WM, Syverson C, Henderson Z. *Obstet Gynecol.* 2005;106:1228-12234.
4. Dildy. Postpartum hemorrhage. ACOG Ed Bull #243.1998.

For help, please call (866) 438-9450.

See Package Insert for full instructions, warnings, contraindications, and precautions.

This quick reference guide is not intended and should not be used as a substitute for the Package Insert / Instructions For Use.

Your Local Distributor:



CLINICAL INNOVATIONS

747 West 4170 South
Murray, Utah USA 84123
Phone: 801-268-8200
Fax: 801-266-7373
Toll Free: 888-268-6222
www.clinicalinnovations.com