Claims

1. A system configured to treat postpartum hemorrhaging, comprising:
a suction module comprising:
a vacuum element configured to be placed within a uterus, the vacuum element comprising a plurality of holes therein; and
a sealing portion connected to the vacuum element, the sealing portion having a seal configured to seal the uterus; and
a pump system configured to connect to the suction module so as to activate vacuum in the uterus through the vacuum element, wherein the pump system comprises:
a pump;
a vacuum reservoir; and
a pressure regulator configured to regulate a pressure between the vacuum reservoir and the suction module so as to maintain a substantially constant vacuum within the uterus.

2. The system of claim 1, wherein the pump is an intermittent pump.

3. The system of claim 1, wherein the pump is a manual pump.

4. The system of claim 1, wherein the pump is configured to draw a vacuum that is higher than a vacuum through the suction module.

5. The system of claim 1, wherein the pump system further comprises a pressure gauge connected to the vacuum reservoir configured to indicate a pressure in the vacuum reservoir.

6. The system of claim 1, wherein the pump system further comprises a separation canister configured to prevent fluids from reaching the pressure regulator.

7. A system configured to treat postpartum hemorrhaging, comprising:
a suction module comprising:
a vacuum element configured to be placed within a uterus, the vacuum element comprising a plurality of holes therein; and
a sealing portion connected to the vacuum element, the sealing portion having a seal configured to seal the uterus; and
a connecting tube connected to the suction module, wherein the connecting tube is configured to connect to a vacuum pump so as to activate vacuum in the uterus through the vacuum element, further wherein the connecting tube is transparent or translucent so as to enable viewing of a flow of blood therethrough.

8. A system configured to treat postpartum hemorrhaging, comprising:

a suction module comprising:

a vacuum element configured to be placed within a uterus, the vacuum element comprising a plurality of holes therein; and

a sealing portion connected to the vacuum element, the sealing portion having a seal configured to seal the uterus; and

a connecting tube connected to the suction module, wherein the connecting tube is configured to connect to a vacuum pump so as to activate vacuum in the uterus through the vacuum element;

wherein the vacuum is configured to collapse endometrial trumpet- shaped arteries at an inner surface of the uterus to reduce postpartum bleeding.

9. The system of claim 1, 7 or 8, wherein the vacuum is configured to collapse the uterus to cause contraction of uterine muscles and reduce postpartum bleeding.

10. The system of claim 1, 7 or 8, wherein the seal is configured to be positioned in the lower uterus, cervix, vaginal canal, or at the vulva.

11. The system of claim 1,7 or 8, wherein the vacuum element is looped.

12. The system of claim 11, wherein the plurality of holes are positioned along an interior surface of the looped vacuum element.

13. The system of claim 1, 7 or 8, further comprising a shield coupled to and extending along the vacuum element.

14. The system of claim 1, 7 or 8, wherein the vacuum element is atraumatic.

15. The system of claim 1, 7 or 8, wherein the seal is configured to expand from a collapsed configuration to an expanded configuration.