Claims

1. A system configured to treat postpartum hemorrhaging, comprising:
a suction module comprising:
a looped vacuum element configured to be placed within a uterus, the looped vacuum element comprising a plurality of holes therein positioned along an interior surface of the looped vacuum element;
a shield coupled to and extending along the vacuum element and overhanging the openings; 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 looped vacuum element configured to be placed within a uterus, the looped vacuum element comprising a plurality of holes therein positioned along an interior surface of the looped vacuum element;
a shield coupled to and extending along the vacuum element and overhanging the openings; 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 looped vacuum element configured to be placed within a uterus, the looped vacuum element comprising a plurality of holes therein positioned along an interior surface of the looped vacuum element;

a shield coupled to and extending along the vacuum element and overhanging the openings; 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 atraumatic.

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