CLAIMS

1. A natural orifice expansion applicator comprising:

a balloon portion inflatable by a fluid to be introduced inside,

a support supporting a first end of the balloon portion,

a plurality of tubes, and

a connector for connecting the support and the plurality of tubes,

wherein the balloon portion is formed with a first area expanding linearly from the first end portion toward the second end portion at an opposite side and a second area contracting in a curved manner toward the second end portion at a position closer to the second end portion than to the first end portion, and includes a plurality of corner portions extending from the first end portion toward the second end portion;

wherein the corner portion is formed to include a thick portion being thicker than a valley portion between the adjacent corner portions in the first area, and is formed to be as thick as the valley portion in the second area; and

wherein the balloon portion is formed with a light transmitting portion to transmit light, formed in a planar shape being flush with the valley portion at the second end portion.

2. The natural orifice expansion applicator as claimed in claim 1, wherein the support having a reinforcing portion formed to be thick along an outer periphery of the support at a portion contacting the balloon portion.

3. The natural orifice expansion applicator as claimed in claim 1, wherein the connector is formed of silicon rubber including a large number of fine bubbles.

4. The natural orifice expansion applicator according to claim1, wherein the thick portion extends to a position at which an outer periphery of the balloon portion is maximum.