Cervical Dilation Gauging Device for Training Obstetrics Students

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Technology description

The device, or "cervimeter," is shaped like a pair of tongs with two arms that fit on the index and middle fingers of an examiner on one end, and is attached to a gauge on the other end. As the examiner spreads his/her fingers to measure the cervical dilation of a patient during labor, the gauge accurately indicates the degree of dilation. The device provides an objective way to assess the progress of labor and an exellent tool to train obstetrics students.
The University of North Dakota is actively seeking companies to license a patented design for a hand-held cervimeter. This device allows more efficient and accurate monitoring of cervical dilation during labor and serves as an excellent training tool for obstetrics students and residents.

Application area

Accurate monitoring of cervical dilation during labor; Teaching cervical dilation assessment to students and residents

Advantages

It is a simple device to use but accurate and objective way to monior the progress of child birth. It is convenient and no more invasive than traditional methods. Since the design is adapted for disposable and maintenance-free use, it is economical and can be widely distributed for routine practice or teaching, providing experience-based learning for assessment of cervical dilation.

Institution

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