Umbilical Cord Cutter and Sterilizer

Tulane University is actively seeking companies interested in commercializing a novel medical device which effectively cuts an umbilical cord and sterilizes both the maternal and infant ends after cutting.

Applications

Designed to cut and sterilize human umbilical cords outside of a traditional operating room, this device is also appropriate to a traditional obstetric environment as well as veterinary applications.

Advantages

This one-piece sterile unit reduces the risk of infection from non-sterile cutting implements and protects the infant’s umbilical stump from ambient environmental contaminants after cutting. The instrument is compact, inexpensive to manufacture and easy to use.

Technology

This technology has been tested extensively in vitro, with results strongly supporting the efficacy of the instrument. Further work is ongoing to produce more effective prototypes.

Inventors

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