

UNeMed

986099 Nebraska Medical Center
Omaha, NE 68198-6099
Phone: (402) 559-2176 Fax: (402) 559-2182

Infant Surgery Table

(Images Below)

.....
Technology Fields: Biomedical/Dental Tools and Devices
Product ID: 06032

Background

Surgical procedures performed on infants, such as treating Retinopathy of Prematurity with laser photocoagulation, introduce novel problems with patient positioning and access by the surgeon. Current practices utilize typical surgical tables on which the infant is positioned, requiring surgeons to often move around the table, commonly taking on physical positions that can result in injury to the physician over time. Researchers at the University of Nebraska have developed a novel solution by developing an innovative surgical table that is capable of supporting small children up to 50 pounds in weight, provides 360 degrees of horizontal rotation, allows for lowering, raising, and tilting of the patient during a procedure. This allows the surgeon to remain in one comfortable position for the entire procedure, decreasing the surgeon's physical stress, decreasing the surgical time, and ultimately enhancing patient outcome. When required, the table can be quickly and easily attached to an existing surgical table side rail by a specialized clamping device, and removed when not needed, maximizing the use of limited space.

Features

- 360 degrees of rotation
- Easily attaches to existing surgical tables
- Allows all patient positions, including Trendelenburg positioning

Benefits

- Decreased physical stress on surgeon
- Decreased surgical times
- Enhanced patient outcomes

Contact Information: Dr. Steven J. Schreiner, Licensing Associate
Phone: (402) 559-2176, Email: sjschreiner@unmc.edu

Sample images of Infant Surgical Table attached to standard OR surgery table.

