Pulse oximetry in the Management of Children in the PICU.

Miyasaka K. Anesth Analg. 2002 Jan;94(1 Suppl):S44-6.

The noninvasive and continuous nature of pulse oximetry is a considerable asset inpatient monitoring in the PICU. Its use in the PICU is constantly challenged by the combined presence of vigorous body motion and poor peripheral circulation, conditions which demand special consideration in developing a better pulse oximeter. This is a point of fierce competition among manufacturers.