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## **Shining a Light on Infant Jaundice Organization Overview**

Scientific breakthroughs are often accomplished when teams of individuals with different specializations from different institutions work together. This challenge was undertaken and solved by a team of engineers, scientists and physicians from Texas and Pennsylvania.

The problem was brought to the attention of the team by a physician from Onsite Neonatal Partners, physicians who serve hospitals in several eastern states, providing around-the-clock intensive care for at-risk newborns.

Research faculty from two universities were part of the team. The College of Engineering at Drexel University is located in Philadelphia, Pennsylvania. Drexel takes pride in educating students to become highly competent engineers and computer scientists in an experiential and dynamic learning environment. The School of Engineering at Southern Methodist University, or SMU, is located in Dallas, Texas, and it offers high quality academic programs that prepare students to be successful engineers and leaders.

The final partner is Photodigm, Inc. located in Richardson, Texas, a specialist in photonics technology for communications, digital imaging, defense and medical device applications. Photodigm's novel technology is targeted for applications that demand more efficient, high-power, robust and affordable lasers.