



HOSPITAL SISTERS  
MISSION OUTREACH

Dear Valued Supporter:

I am the biomedical engineer for Hospital Sisters Mission Outreach, a medical support and resource organization (MSRO) providing lifesaving equipment to improve the health of the poor in low-resource countries.

As a biomedical engineer, my hands are always busy with things--wires, tools, transducers, and testing equipment. Although my thoughts are often focused on voltage, calibration and circuitry, the people that are impacted by my work are always present. When I was working in the obstetrics and neonatology department of a large, state of the art hospital in Chennai, India as a biomedical engineer, I was happy that my work assured safe child birth for families who could afford healthcare. Sadly, it was clear that this assurance was a luxury that few could afford.

My work at Mission Outreach, gives me the opportunity to extend safe child birth to the poor living in under-served countries around the world.

My understanding of the importance of neonatal equipment is growing as my wife and I await our first child. The joy and reassurance we experienced when an ultrasound revealed the gentle curves of our baby's face or when we heard the strong, regular beat of its' heart should be available to all parents.

Over two million babies are stillborn each year. Ninety-eight percent of these babies are born to families in countries served by Mission Outreach. In poor countries, one million infants die during labor and delivery. This is not the case in affluent countries, where ultrasound and fetal monitoring identify problems and assist physicians in making life-saving decisions.

Mission Outreach has an inventory of excellent fetal monitors and we often receive very good ultrasounds. Unfortunately, most of the equipment we receive are missing essential components. Preparing just one piece of equipment to properly monitor a baby in-utero costs Mission Outreach between \$1,800-\$2,500. **We need your help to prepare and distribute equipment that can extend safe labor and delivery for those that benefit from our mission.**

As an engineer and now as an expectant father, I know the difference that this equipment can make. Please join me in providing high quality biomedical equipment, including fetal monitors and ultrasounds to people in need around the world. Please support the needs of mothers and family's in under-served parts of our world by [clicking here](#), you can make our mission, YOUR mission-today.

Thank you,

Ratish Kumar, M. S.  
Coordinator – Biomedical Engineering

