

Vivid *i* travels to Bolivia with medical mission team to help children.

Texas Children's Hospital Bolivia Medical Mission Team

A 16-member mission team spent five days at La Clinica INCOR in Santa Cruz, Bolivia, performing seven cardiovascular surgical procedures and 30 echocardiographic studies.

- The compact, portable Vivid™ *i* cardiovascular ultrasound system (and its TEE, TTE and vascular imaging transducers) was used successfully in the surgical and preoperative care of children with congenital heart disease.
- Transthoracic echocardiographic studies were performed to define pathology in children with clinical evidence of heart disease.
- Echo imaging was performed on infants, children and adolescents at risk for congenital cardiac malformations or acquired heart disease.



“We had an extremely successful mission trip to Bolivia. The Vivid *i* was invaluable! The ease of portability, combined with all of the diagnostics and availability of needed transducers, helped make our mission highly effective.”

*Wanda C. Miller-Hance, MD,
Pediatric Cardiologist, Cardiovascular Anesthesiologist,
Texas Children's Hospital, Houston, Texas*



Vivid i assists team in surgical, perioperative and diagnostic care of Bolivian children with potential congenital heart disease.

In September 2006, the Bolivia Medical Mission Team from Texas Children's Hospital, Houston, Texas, spent five days making a difference in the lives of patients at La Clinica INCOR in Santa Cruz, Bolivia.

The 50-bed hospital, with four operating rooms and four pediatric critical care beds, served as mission central for the Texas team, which planned on performing 2-3 operations per day on indigent children with congenital heart disease.

The surgical procedures ranged from closure of septal defects to relief of ventricular outflow tract obstruction and valvular repairs. Vascular imaging was used to assist with placement of vascular access, and transesophageal monitoring facilitated the assessment of repairs.

In addition to surgical interventions, the team provided perioperative patient care. After screening infants, children and adolescents at risk for congenital cardiac malformation or acquired heart disease, transthoracic echocardiographic studies were performed to help define pathology in those with clinical evidence of heart disease.

**Texas Children's Hospital
6621 Fannin Street
Houston, Texas 77030**

Texas Children's Hospital supports excellence in patient care, education and research with a commitment to quality service and cost-effective care to enhance the health and well-being of children locally, nationally and internationally. For more about Texas Children's Hospital please visit www.texaschildrenshospital.org

Dedicated members of Texas Children's Hospital Bolivia Medical Mission Team include:

Wanda C. Miller-Hance, MD; Steve Stayer, MD; Marce Stayer; Lee Evey, RRT; Linda Drake, RN; Heather Dickerson, MD; Elysha Ann Sosebee, RN; William Richard Owens, BS MTCCP; Sherrie Alison Owens, Shari Hemphill, RN; Randy Thornton; Connie Oritz, RN; Alison Farley; William Douglas, MD; Lou Bezold, MD; and Marietta Sabido, RN.

GE Healthcare
9900 Innovation Drive
Wauwatosa, WI 53226
U.S.A.

www.gehealthcare.com

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