Heart to Heart International strengthens communities through improving health access, providing humanitarian development and administering crisis relief worldwide. We engage volunteers, collaborate with partners and deploy resources to achieve this mission.

Volunteer

To volunteer as a clinical laboratory scientist with Heart to Heart International or to inquire about equipping your clinic with an on-site laboratory, please contact:

Charles McDonald
MT(ASCP), MBA
Manager, Laboratory Programs
913.764.5200
Charles.McDonald@hearttoheart.org

Interested in learning more about our lab program?
hearttoheart.org/point-of-care

Heart to Heart International
11550 Renner Blvd, Lenexa, KS 66219
913.764.5200
info@hearttoheart.org
hearttoheart.org

Since 2008, HHI has supported laboratory services at the JayDoc Free Clinic in Kansas City, KS, operated by medical students from the University of Kansas medical school. Lab testing used to be sent off site and took several days to turn around, leading to problems reaching the patient for follow-up and treatment. Results can now be obtained during a on site visit, allowing patients to be diagnosed and treated the same day. HHI also coordinates trained laboratorians who regularly volunteer at the clinic to conduct patient testing and competency training for medical and Clinical Laboratory Scientist (CLS) students.

HHI helped the Joplin Community Clinic open its on-site laboratory one year after the devastating tornado of 2011. At the time the laboratory opened, only 60% of the clinic’s diabetic patients were within the American Diabetes Association guidelines for hemoglobin A1c results <6%. Within one year of the lab’s opening, compliance moved to 78%! The long-term impact of immediate lab results and adjustments to a patient’s medication, nutrition counseling and treatment protocol was evident.

As of 2019, HHI has installed point-of-care laboratories in a total of 24 U.S. safety net clinics, enabling them to provide diagnostic testing on site. This helps clinics serving vulnerable and underserved populations throughout the United States evaluate their patients in a timely manner, setting up real-time treatment protocols and improving patient outcomes.
**Point of Care Test Menu**

**BASIC PROFILE TEST**
- SODIUM
- POTASSIUM
- CHLORIDE
- TCO2
- IONIZED CALCIUM
- BUN
- CREATININE
- GLUCOSE

**LIPID PROFILE**
- CHOLESTEROL
  - HDL
  - LDL
  - TRIGLYCERIDE

**OTHER TESTS**
- HEMOGLOBIN
- HEMATOCRIT
- MACROSCOPIC URINALYSIS
- MICROALBUMIN
- STREP A
- HEMOGLOBIN A1c
- INFLUENZA A & B
- RSV
- HEPATITIS C
- INR
- HIV 1/2
- PREGNANCY (URINE)

---

**Collaboration**

HHI has worked with CLMA (Clinical Laboratory Managers Association) since 2006 to develop a point of care test (POCT) menu for safety net clinics in the United States. The menu includes approximately 80% of the laboratory testing traditionally ordered for clinic patients.

We work with safety net clinics to improve patient outcomes through evidence-based medicine by utilizing a POCT menu to provide timely test results that enable providers to diagnose and treat patients on site.

---

**Why Labs?**

Part of the organizational mission of Heart to Heart International (HHI) is to improve healthcare and we believe laboratory services play a critical role!

We improve laboratory services by engaging trained experts, providing equipment and developing protocols for use in underserved areas with vulnerable populations.