

## Why Labs?

Part of the organizational mission of Heart to Heart International (HHI) is to improve global health – **and we believe laboratory services plays a critical role!** We improve laboratory services by engaging trained experts, providing equipment and developing protocols where it is all most critically needed – in underserved and vulnerable populations.

## 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 this POCT, which provides timely test results to enable a physician to diagnose and treat patients on site, in the clinic.

## POINT OF CARE TEST MENU

### BASIC PROFILE TEST

SODIUM  
POTASSIUM  
CHLORIDE  
TCO<sup>2</sup>  
IONIZED CALCIUM  
BUN  
CREATININE  
GLUCOSE

### LIPID PROFILE

CHOLESTEROL  
HDL  
LDL  
TRIGLYCERIDE

### OTHER TESTS

HEMOGLOBIN  
HEMATOCRIT  
MACROSCOPIC URINALYSIS  
MICROALBUMIN  
STREP A  
PREGNANCY  
HIV  
HEMOGLOBIN A1C



## What HHI Provides

As part of the POCT Safety Net Clinic Laboratory Package the clinic will receive all instruments, supplies, reagents, protocols and quality control to operate an on-site laboratory for an initial time period. From there, HHI can connect the clinic with resources to replenish reagents and supplies. In addition, we can connect clinics to local laboratory professionals to perform competency training and act as laboratory technical experts.

HHI has developed and will also provide test protocols, patient result forms, laboratory log books, competency training and quality control protocols.

A waived CLIA license is required. If the clinic does not currently carry a waived CLIA license, HHI can assist the clinic as they walk through that process.

## What the Clinic Provides

The clinic will be responsible for maintaining their laboratory in CLIA waived compliance, ordering laboratory supplies, performance of quality control, all testing and patient result reporting.

**Heart to Heart**  
INTERNATIONAL

## Success Stories

Since 2008, Heart to Heart International has supported laboratory services at the **JayDoc Free Clinic** in Kansas City, Kansas. JayDoc Clinic serves uninsured and underinsured patients and is operated by medical students from the nearby University of Kansas School of Medicine.

Historically, the clinic's lab testing was sent offsite and results returned days later, and then medical students would then try to reach the patient to offer diagnosis and treatment. This process was obviously problematic: patients were sometimes unreachable, treatment was delayed and in many cases treatment could not be delivered.

Now, thanks to HHI's assistance, clinical laboratory results are now available on site. **Patients are diagnosed and treated the very same day of their visit.**

HHI also provides a group of trained laboratorians who regularly volunteer at the clinic and conduct competency training for medical and CLS students.

Heart to Heart International began working with the **Joplin Community Clinic** shortly after the devastating tornado in May 2011. One year later, the clinic opened its on-site laboratory thanks to HHI providing training, instruments, supplies, reagents, protocols and QC. In the first year of the lab's operation the clinic saw their diabetic hemoglobin A1C results move from less than 60% of their patients in ADA compliance with results of <6% to more than 78% compliance! The long term health outcomes for the clinic's diabetic population maintaining compliance are significant.

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:

**Carla Orner**  
MBA, MLS(ASCP)  
Program Director

913-909-1504  
[carla.ornor@hearttoheart.org](mailto:carla.ornor@hearttoheart.org)



[www.hearttoheart.org](http://www.hearttoheart.org)



Heart to Heart  
INTERNATIONAL

LABORATORY  
SERVICES