

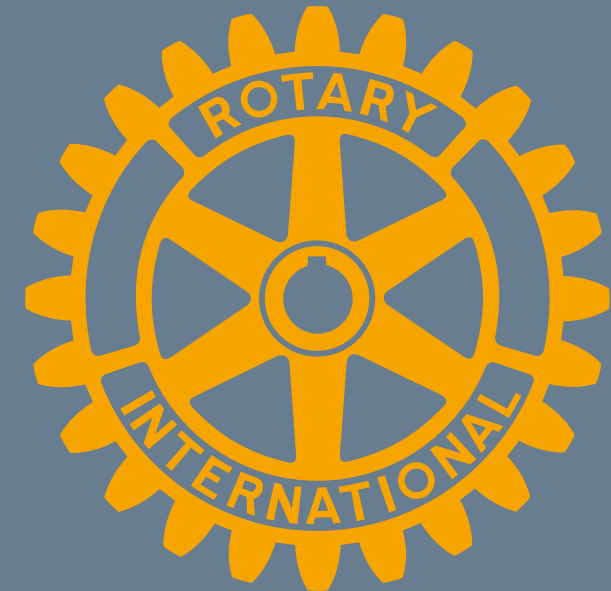
“Hepatitis Free Mongolia”

Global Grant 2016-2017

Program Partners

Official Partners

- ◆ Flagstaff Rotary Club
- ◆ Rotary Club of Ulaanbaatar
- ◆ FIRE – Flagstaff International Relief Effort
- ◆ World Health Organization (WHO)



Unofficial Partners

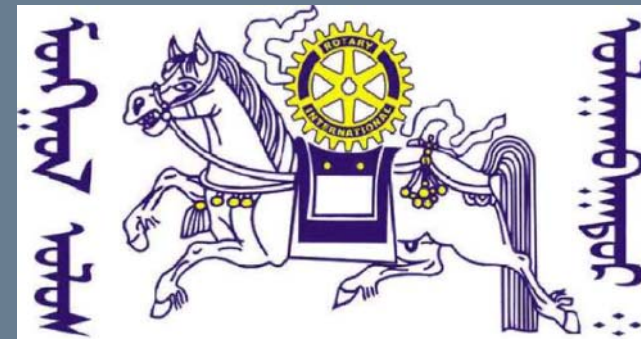
- ◆ Mongolian Ministry of Health and Sports (MoHS)
- ◆ National Center for Communicable Diseases
- ◆ National Cancer Center
- ◆ Mongolian National University of Medical Sciences
- ◆ Medical Institute of Mongolia



Rotary Club of Ulaanbaatar



- ◆ Located in Ulaanbaatar, Mongolia
- ◆ In district 3450
- ◆ Started in 1995
- ◆ Oldest Rotary Club in Mongolia
- ◆ Sponsored the start of 8 Rotary Clubs in Mongolia
- ◆ Sponsored the start of 9 RotarAct Clubs in Mongolia
- ◆ 2016-2017 Club President is Dr. Munkhjargal Ayurzana



Flagstaff Rotary Club



- ◆ Located in Flagstaff, Arizona, USA
- ◆ District 5510
- ◆ Started in 1921
- ◆ Oldest club in Northern Arizona
- ◆ Established Foundation
- ◆ 2016-2017 District Governor, Tonya Watson, Past President
- ◆ 2016-2017 President Paul Wagner

FIRE - Flagstaff International Relief Effort

FIRE has worked in Mongolia since 1999 with a specific focus on hepatitis and liver cancer prevention since 2009.

Since 2004, FIRE has had close working relationships with many Rotary and RotarAct Clubs and Rotary International.

Together Rotary and FIRE have:

- ◆ Distributed 152,000 sharp containers to 316 hospitals in 10 out of 21 provinces across Mongolia
- ◆ Trained more than 1,000 health care workers on medical waste management and health safety
- ◆ Produced a training DVD for health care workers on health safety
- ◆ Distributed 80 computers with English language software to more than a dozen schools across Mongolia
- ◆ Started the Healthy Smiles Project, oral health for kindergarteners



Award Winning Project

In April 2016, FIRE was one of five organizations to be recognized by the **WHO** (World Health Organization) and **EASL** (European Association for Study of the Liver) for **innovative hepatitis screening programs**. This Global Grant is based on the award winning project.

FIRE's project will be included in the first edition of WHO's "Hepatitis Screening Guidelines" presented the project at the International Liver Congress in Barcelona, Spain.

To date, **FIRE has screened 3,500 rural Mongolians through this program.**



Rotary Service Areas Addressed



Peace and conflict prevention



Disease prevention and treatment



Water and sanitation



Mother and child health

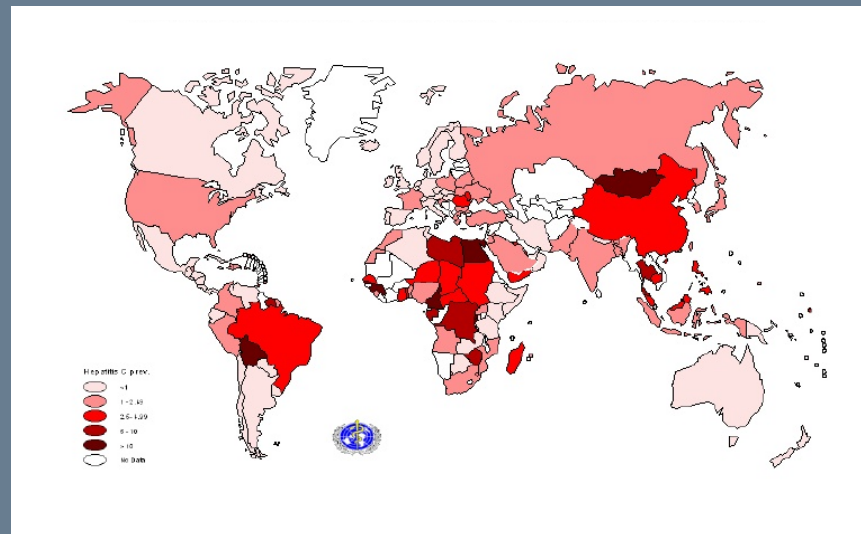
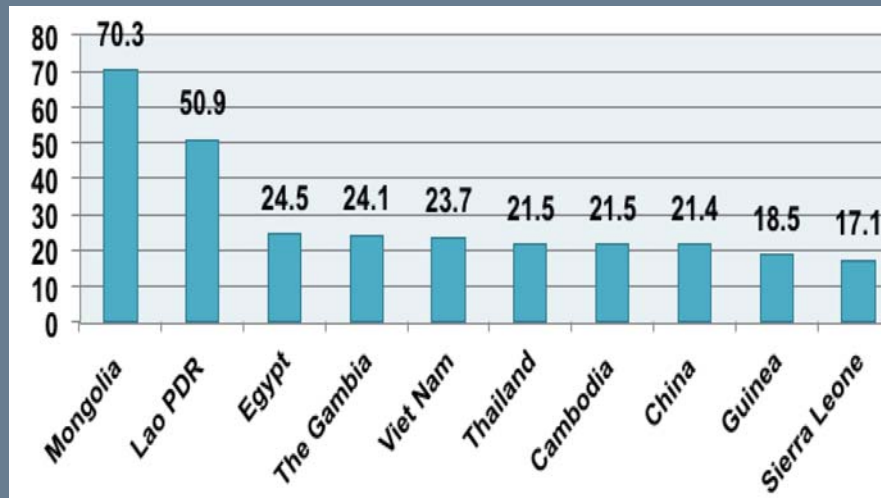


Economic and community development



Basic education and literacy

Hepatitis and Liver Cancer Epidemic in Mongolia



- ◆ Highest rate of liver cancer in the world, six times the international average
- ◆ Among the highest rates of hepatitis B and C
- ◆ Highest rate of hepatitis super infection (hepatitis B and D co-infection)
- ◆ 93% people with liver cancer have hepatitis
- ◆ 85% of people diagnosed with liver cancer die within one year
- ◆ 1 in 6 people have hepatitis C
- ◆ 1 in 10 people have hepatitis B
- ◆ 77% of the population have had hepatitis B at some time in their life

The Unique Positives

Mongolia can become the first country to be hepatitis free, despite its frightening statistics, because of some unique positives...

- ◆ No stigma associated with hepatitis
- ◆ 98% nationwide literacy rate
- ◆ Small population - 3 million people
- ◆ ½ the population lives in one city
- ◆ There is no intravenous drug use, the most common form of transmission for hepatitis C.
- ◆ Great health system infrastructure
- ◆ The cure for hepatitis C is available at a significant discount.



"Hepatitis free Mongolia"

Goal

- Early detection of viral hepatitis B, C and liver cancer to prevent further progression and deaths

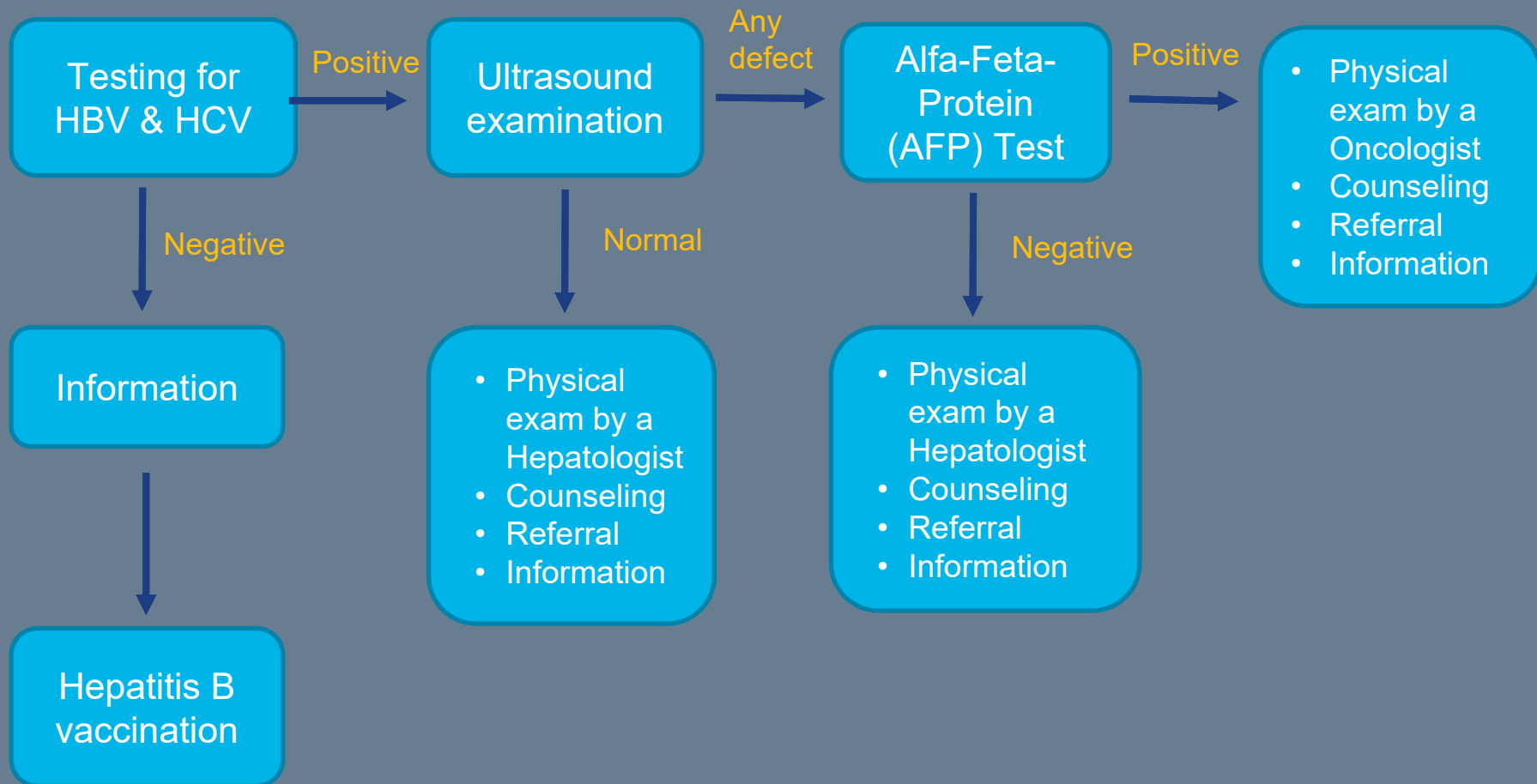
Target population

- Over age 18
- Previously untested
- High-risk (HCW, Police Officers, Social Workers, family history or symptoms)
- Rural

Activities

- Blood Testing
- Physical Examination
- Counseling
- Referral
- Vaccination
- Education
- Community Awareness Events
- Training for health care providers
- Advocacy of Community Leaders
- Policy Support
- Building Patient Database

Screening Steps



Program Activities



Campaign Logo, "Love the Liver"



Participants waiting to be tested



Drawing blood for rapid test



Vaccination



Ultrasound Examination



Physical examination



Counseling with a hepatologist



Health care worker training session



Community awareness event



Example of awareness materials



Through the spirit of fellowship and service above self, Rotary can work to eliminate viral hepatitis in Mongolia, just as it has done with polio across the world.

Sustainability



- ◆ Encouraging local ownership
- ◆ Training local doctors to continue the work after completion of the project
- ◆ Comprehensively educating patients to change and save their lives
- ◆ Providing a lifetime of prevention against hepatitis B through vaccination
- ◆ Educating thousands of community members about these issues and how to protect themselves
- ◆ Supporting the government's database for long term patient support
- ◆ Supporting the World Health Organization (WHO) and Mongolian Ministry of Health and Sport's policy development

Expected Results



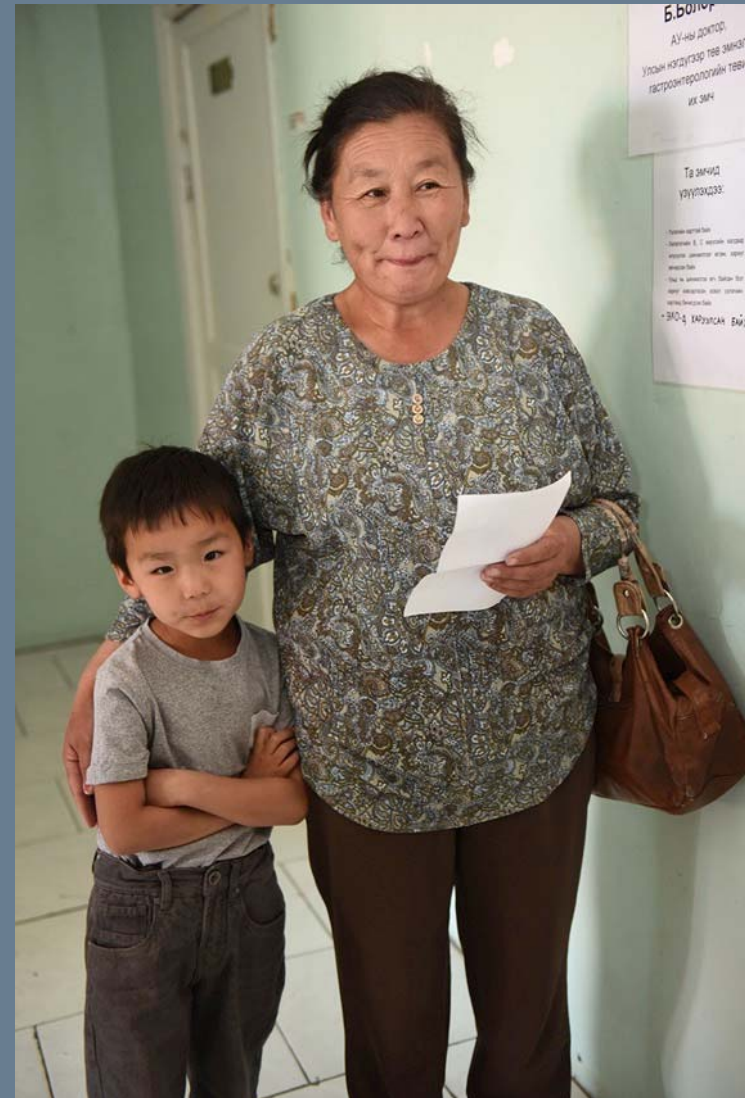
- ❖ **5,000** people will be tested for hepatitis B and C
- ❖ **1,500** people will be tested for liver cancer
- ❖ **1,500** ultrasound examination
- ❖ **3,500** people will be vaccinated against viral hepatitis B
- ❖ **10,000** people will be educated through a community awareness event
- ❖ **50,000** information pamphlets and poster will be distributed across the province
- ❖ **50** local doctors will be trained
- ❖ **30** local leaders will attend advocacy meetings
- ❖ **1,500** people (an estimated 30% of the population screened) will be diagnosed with at least one of a variety of illnesses, giving them the ability to change and save their lives.

Your Contribution

We are asking each **Rotary club** to donate **\$1,000** and each **District** to donate **\$5,000**.

Once matched **your \$1,000** could provide:

- ❖ **30** ultrasound examinations.
- ❖ **70** full courses of hepatitis B vaccination.
- ❖ **30** participants provided with an accurate diagnosis for the first time.
- ❖ **200** people educated about hepatitis prevention and treatment.
- ❖ **1,000** information pamphlets printed to educate the general population.



Thank you very much for your time and attention!
We look forward to working with you to end
Mongolia's silent killer.

