Regional Diagnostic Centers

- Khovd
- Bulgan
- Ovorkhangai
- Dornod
Hydrocephalus: Desperate for Treatment

Kenya: > 2000 cases/ year
Problems of Shunting

Recognized complications:

- Shunt infection
- Shunt blockage
- Extrusion
- Scalp wound breakdown and shunt exposure
- Majority are lost to follow up

The problem worse in rural communities
Cost Implications

- Parents: purchase the shunt
- Cost US$50. Rural population cannot afford
  - (equal to 1 months salary)
- Further delay as parents raise funds
- Need to travel long distances to access care
The Standard Endoscopy “Tower”

- Only available in city based hospitals
- Unaffordable for majority
- Endoscopy not a feasible option with standard “Tower” for outreach services
Solution
The Karl Storz Mobile “TELEPACK”

- Portable
- Excellent image quality
- Single Unit serves several Provincial sites
- Has revolutionized Endoscopic management in Kenya
- Patients now treated near their home
Rapid and Cost Effective in Resource Challenged Regions
...when the advisers and instructors have gone home and the external support has dried up, the community will be left to depend upon its own self-reliance to maintain the program.

-Paul Basch, Textbook of International Health, p221
Financial Feasibility

CBA = SFTP

Cost Benefit Analysis

No Surgery for the Poor

Dr. Paul Farmer