

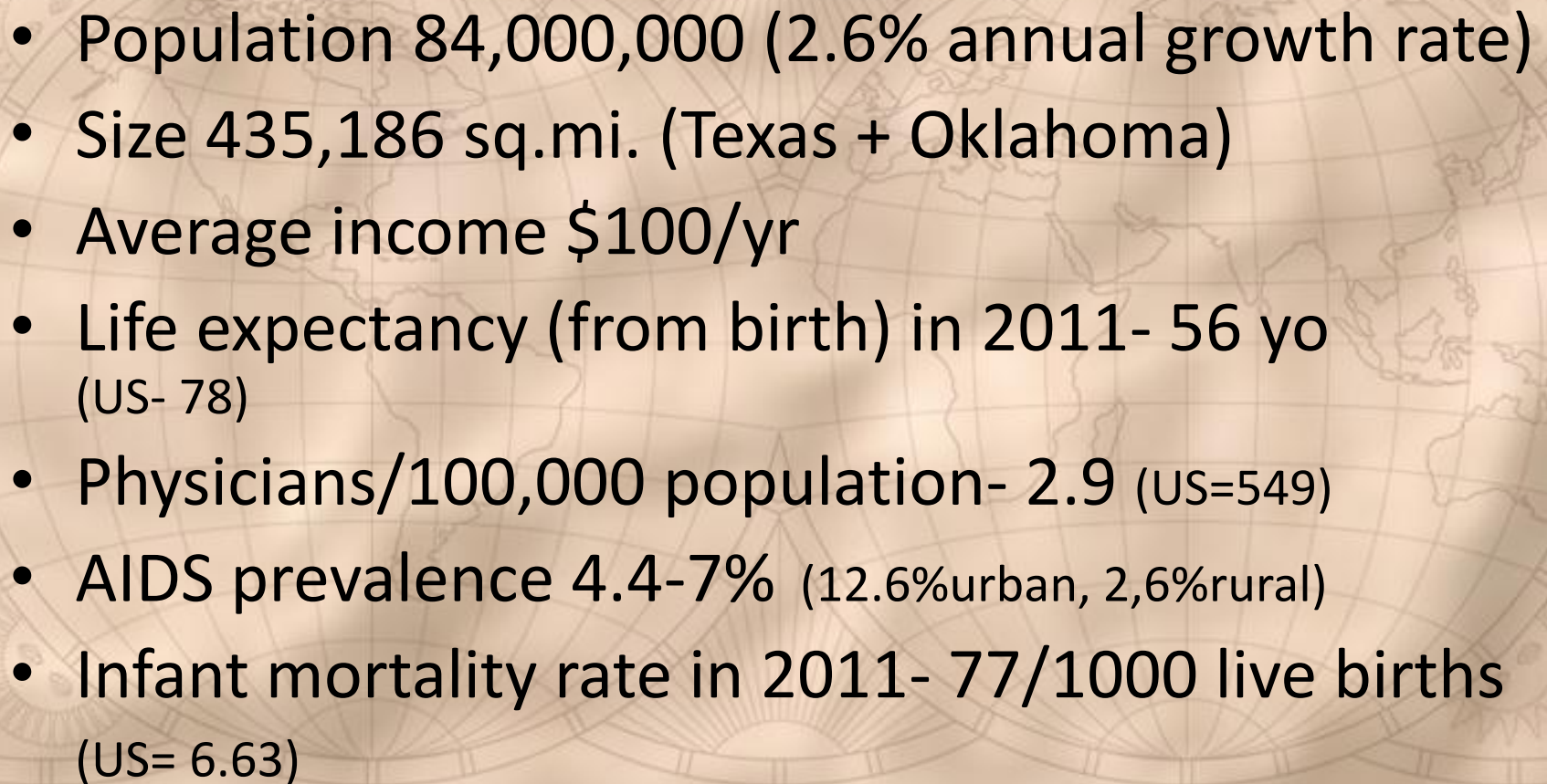


Nursing in Sendafa, Ethiopia: A Collaboration of Mission, Mentoring and Medicine

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Sendafa, Ethiopia on the East Coast of Africa



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- Population 84,000,000 (2.6% annual growth rate)
 - Size 435,186 sq.mi. (Texas + Oklahoma)
 - Average income \$100/yr
 - Life expectancy (from birth) in 2011- 56 yo (US- 78)
 - Physicians/100,000 population- 2.9 (US=549)
 - AIDS prevalence 4.4-7% (12.6%urban, 2,6%rural)
 - Infant mortality rate in 2011- 77/1000 live births (US= 6.63)

History of Ethiopia

- One of the poorest countries of the world
- We started there in 2006

health	0.619 (world rank: 158 th)
education	0.237 (world rank: 184 th)
living standards	0.326 (world rank: 174 th)
total	0.363 (world rank: 174 th)

(2011)

Essential Components

- Avoid Ethnocentricity
- Demonstrate Caring, Concern and Compassion
- Reliability to return- dependability (7-10 yrs)
- Empower the Ethiopians to carry on

Agricultural People







PAAV Team



LWCC Team (York Hospital)

- Medical team (2011)
 - 6 Primary care physicians (3 Ethiopian)
 - 1 General Surgeon, 1 Anesthesiologist
 - 1 Optometrist, 1 Ophthalmologist (Ethiopian)
 - 1 Gyn nurse practitioner, 1 Physician's assistant
 - 1 Dentist
 - 7 Nurses (1 Ethiopian)
 - 1 Pharmacist + 2 pharmacy techs (Ethiopian)
- Nonmedical team
 - 17 who worked in the schools, did construction, HIV/AIDS home visit
 - 30 Interpreters, helpers (Ethiopian)

Medical Clinic



The nursing team of 2011



Variety of levels of nurses, Vice President of nursing, Clinical Nurse Specialist, Nurse Practitioner, Staff Nurses and Students





Ethiopian Nurse Role Model



Student Nurses







Physician to Physician Mentoring







Cataract Surgery

Before and After



Statistics

- 1 week medical clinic
- 50% of the cases are due to contaminated food and water
- Glasses 500-600 pair per year
- Cataract surgeries 40-50 per year
- General surgery 25-35 per year
- Dentistry 65-75 per year

HIV patients

- Started with about a dozen
- Now >300 people mostly women
- No doctor in the village...people shunned
- Now medication is available to the people of Sendafa
- One HIV positive woman with 2 sons who are still HIV NEGATIVE

Aids



Diarrheal Diseases

- Accounts for 46% of mortality for children under 5 years old
- Contaminated food and water
 - Fecal oral transmission
- Incidence rates of 5.5 to 8 or more episodes of diarrhea per child per year
- Viruses, bacteria, protozoa

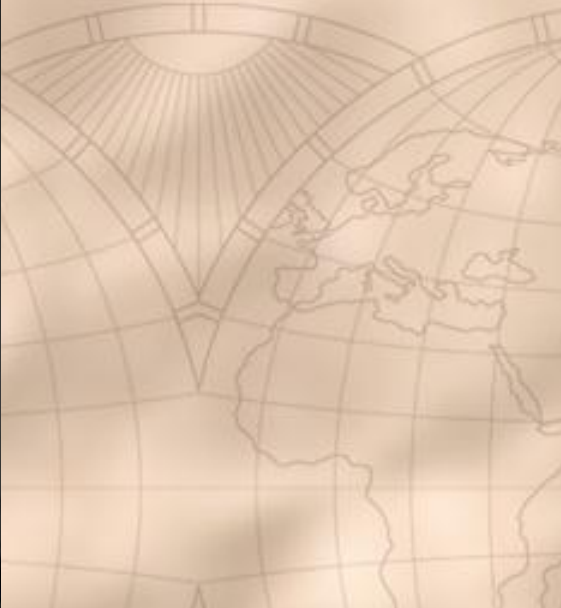


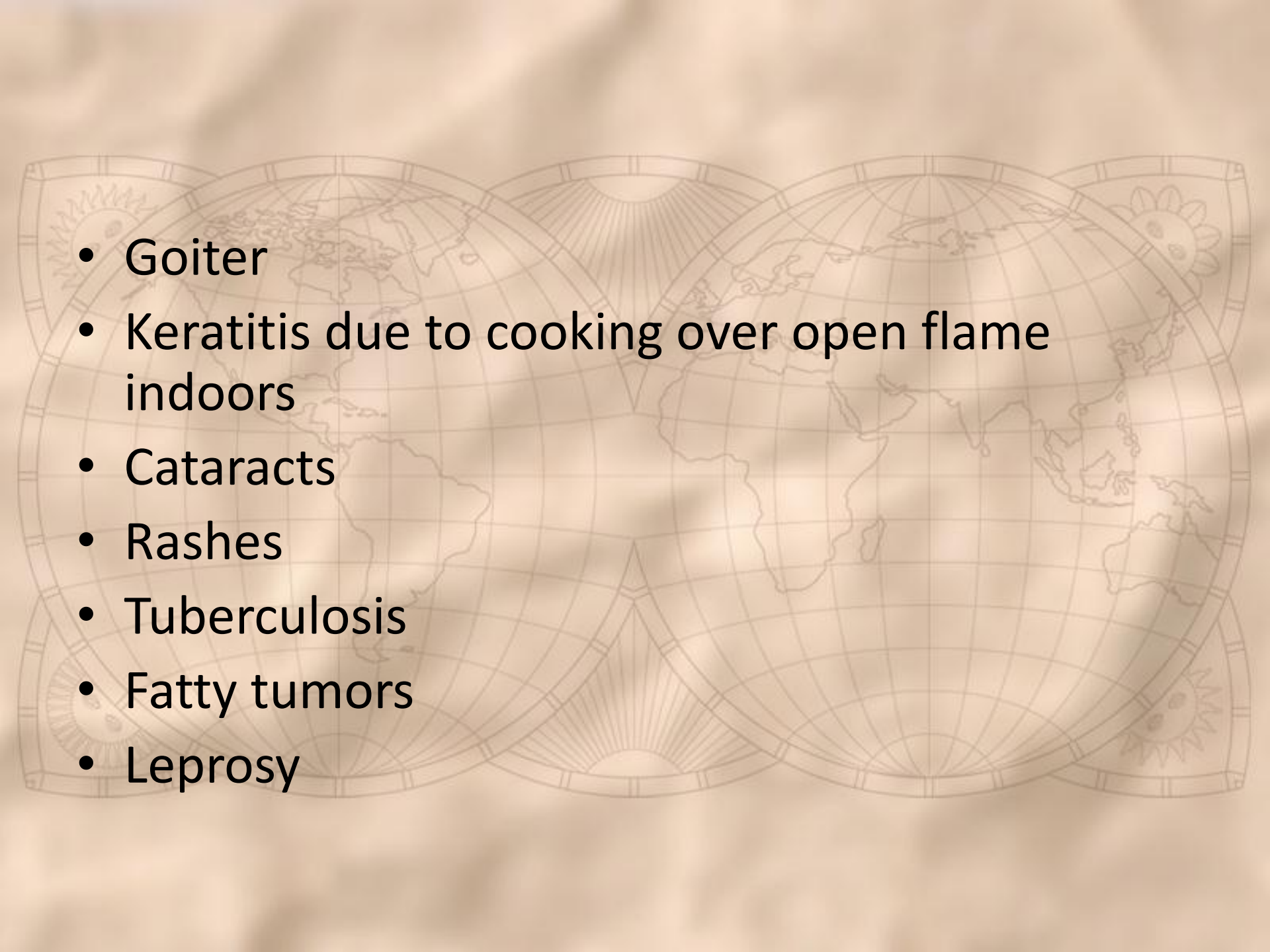
8/4/2006

Iodine Deficiency

- Goiter rate 23% - tip of iceberg
- Households with iodized salt- 19%
- Hypothyroidism
- Cretinism
- Mental retardation-
 - Average loss of 10-15 I Q points from iodine deficiency alone
 - Not reversible
- Increases neonatal and infant mortality

Common Illnesses



- 
- Goiter
 - Keratitis due to cooking over open flame indoors
 - Cataracts
 - Rashes
 - Tuberculosis
 - Fatty tumors
 - Leprosy

A decorative world map with a grid of latitude and longitude lines. The map is rendered in a light, golden-brown color. In the four corners of the map, there are stylized sun or moon symbols with rays or a face. The text "• Questions?" is centered over the map in a bold, black font.

• Questions?