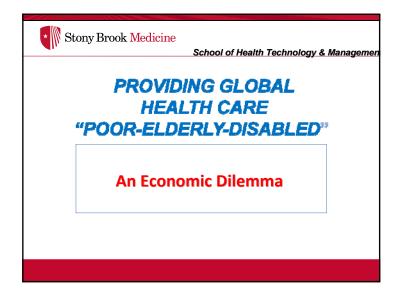


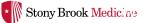
E- Participation of Social Groups as Means for Social Inclusion: Persons with Disabilities and Older Persons

"With out your health you have nothing" (Augusten Burroughs)

Craig Lehmann, PhD, CC (NRCC), FACB Dean School of Health Technology and Management Professor of Clinical Laboratory Sciences Director for the Center of Public Health Education Health Sciences Center Stony Brook University Stony Brook, New York 11794-8200







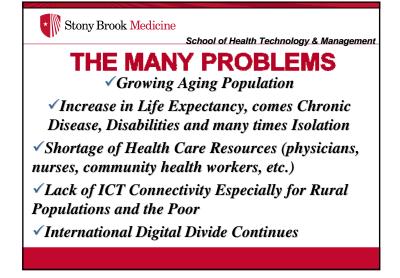
In most countries of the world, the elderly do not enjoy a decent status in society

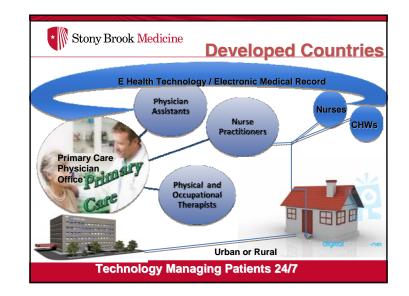


- World's elderly (<u>>65</u> years of age) population increases 795,000 each month
- Developing countries growing the fastest (77% of the 795,000) = 612,150 each month

By 2050, 2 billion individuals over 60 years of age are projected to be alive

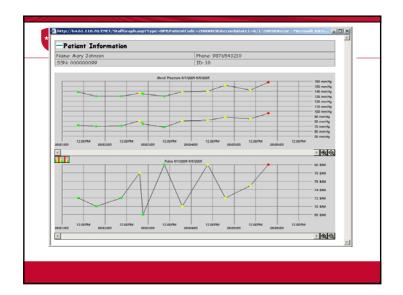


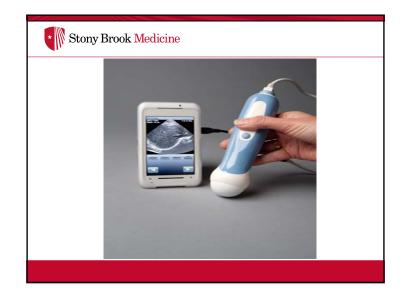


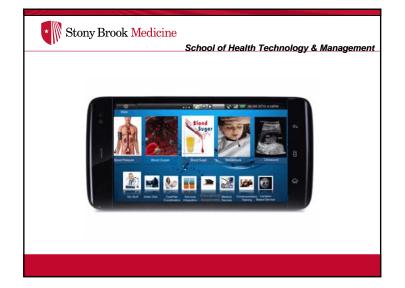


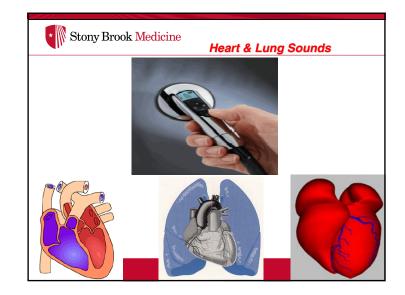


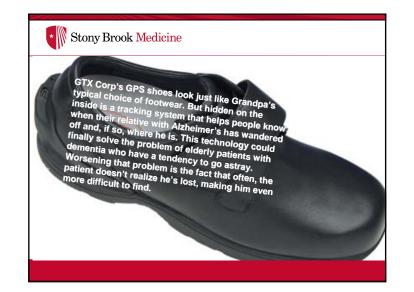






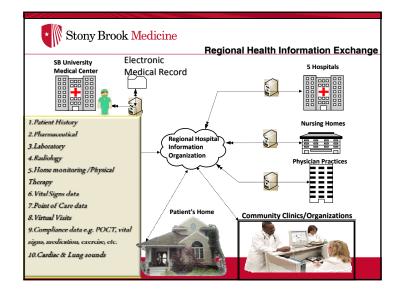






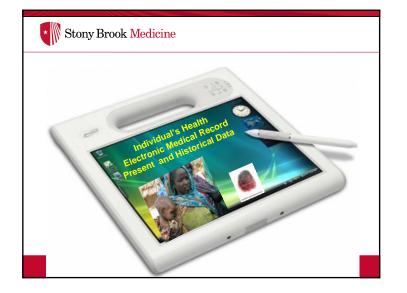




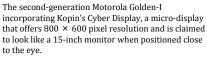


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| Problems | | | | | | | | | | |
| Name | | Coding Scheme | | Code | Status | Seu | rce | | OnS | et Date |
| Typhoid feve | | ICD 0 | | 02.0 | ACTIVE | Seut | hampton Hospi | al | 4080 | 2011 |
| Constitutional aplastic anemia | | 100-9 | | 184.0 | ACTIVE | | ny Brook University Medical Center | | 4/28/2 | 2011 |
| iron deficiency anemias | | 100-9 | | :80 | ACTIVE | Ston; | Brook University Medical Center | | 4/28/2 | 2011 |
| Allergies | | | | | | | | | | |
| Name | Type | | Reaction | | See | Source | | | Start Date | |
| Mutivitamin | Drug allergy | | Difficult Breat | sing | Southampton Hospital | | | | 4/28/2 | 011 |
| Peanuts | Miscellaneo | us allergy | Vomitting | | Stony Brook University Medical Center | | | | 4/28/2 | 011 |
| | | | | | | | | | | |
| Date | Description | | | Pre | cedure Ty | pe | Physician | Source | | |
| 11/29/2007 | Description Cast Removal w | th Examination | | Pre | oedure Ty | pe | Physician Depak Shah | Source Story Brook University | Medical Cert | ter |
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This device uses Bluetooth 2.0 radio and 802.11g WiFi to make a wide area connection via a cellular phone or other host devices, and is designed to provide physicians and physician extenders information access connect to experts in remote locations. The headset will operate for more than eight hours using a single1200mA rechargeable battery.





Stony Ersck Medicine

- Present death rate is 121 deaths per 1000 -Nairobi slums 254/1000
- In 2008 the total number of maternal deaths was 7,700, along with more than 15,000 women who die each year from pregnancy related complications. Another 300,000 to 500,000 women have long and short term disabilities caused by pregnancy related complications.
- Hemorrhage (35%) and hypertension (18%) "preeclampsia" together represent 53% of maternal mortality.
- (Blood Pressure Cuff \$90 + Ultrasound \$2,500 per community could save 70-80% of deaths)

Source: Tracking Progress in Maternal, Newborn and Child Survival.



Sudden Unexpected Infant Death (SUID)

Leading cause of death world wide for children less than one year of age.

- The incidence of SUID is 25 times higher in underdeveloped countries than in developed countries
- In rural parts of the world 12 out of every 100 newborn babies die in the first year of life



Stony Brook Medicine Proposed Solution

HEALTH PROMOTION / DISEASE PREVENTION

A Information Communication Technology Innovative ITU Educational Program for Developing Countries Health Care Providers

"Train the Trainer"