Putting a Price Tag on Human Life

Dr. Devi Prasad Shetty, M.S, FRCS (England)
Chairman, Narayana Group of Hospitals
20 lakh heart surgeries / year

- 1,20,000 / year
- Young bread winners.
- Young widows
EVERY 10 MINS A YOUNG GIRL DIES DURING CHILD BIRTH
3-LAKH CHILDREN DIE THE DAY THEY ARE BORN/YEAR
• 80% of the national expenditure on health is borne out of pocket

• 47% of RURAL 37% of urban population borrow money, or sell sets to pay the medical bills.

• Our government spends 1.1% of GDP on health
INDIA WILL BECOME THE FIRST COUNTRY IN THE WORLD TO DISSOCIATE HEALTHCARE FROM AFFLUENCE.
• We produce one of the largest number of doctors in the world

• We produce the largest number of nurses and med technicians in the world

• Outside the USA we have the largest number of US FDA approved drug manufacturing units.
Also Largest Employer of WOMEN
Tax payers money can't pay for the health care
Yeshaswini Micro - Health Insurance

Eleven cents per month
4,44,416 surgeries
66,504 heart surgeries
850 million mobile phone subscribers.
Narayana Hrudayalaya Health City at Bangalore
NEW DELHI: Government today approved the phase I redevelopment of Safdarjung Hospital here which would see the establishment of two separate building blocks having a 807-bed super speciality cum paid ward block and a 500-bed emergency block.

Both the blocks would be having ICU beds, said a government statement after the Cabinet Committee on Economic Affairs approved the proposal.

The cost of project execution would be Rs 1,332 crore inclusive of Rs 165 crore towards expenses on operations for the first one year.

The super speciality cum paid ward block will cater to cardiovascular thoracic science, cardiology, cardiac surgery, endocrinology, neurosurgery, nephrology, neurology etc, said the statement.

This block will have its own diagnostic and investigation facilities, some of which are proposed to be provided through the PPP mode, it added.
300 bed low cost heart hospital for $6 million, 6 months by L&T

Only way to reach 30000 beds
AMARYLLIS SURGICAL GOWNS, DRAPES
Charity is not scalable.
### CELEBRATE COMPLAINTS

#### Helpdesk

**Tuesday, June 04, 2013**
**Good Afternoon, System Admin - Quality!**

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udayer Pathey

Doctoring the Future

Many parents want their children to become doctors. Unfortunately, in rural India these dreams don't often come true.

Asia Heart Foundation
124, Mukundapur, E.M.Bypass, Kolkata 700 099, INDIA
Phone: +91 33 2436 4000, +91 33 3001 4000
Fax: +91 33 2436 1263/2426 4204
e-mail: email@rtiics.org
Website: http://rtiics.org
Narayana Hrudayalaya Heart Hospital: Cardiac Care for the Poor

Narayana Hrudayalaya (NH), means God’s Compassionate Home, in Sanskrit. Situated in the south Indian city of Bangalore, best known as India’s Silicon Valley, almost everything about this heart hospital was unique, from its buildings and equipment to the doctors, nurses, and their treatment and care of patients. At the entrance to the main foyer of the hospital was a circular Chapel, equally divided into four independent quadrants, each a place of prayer and meditation for the four main religious faiths of its patient population—Hindus, Muslims, Christians, and Sikhs (see Exhibit 1). Depicting the unity of human faith, the four streams naturally converged at the center of the chapel.

Founded in 2001 by Dr. Devi Prasad Shetty, NH had grown rapidly in four years to house 500 beds, 10 fully commissioned operating theatres (OTs), two cardiac catheterization laboratories and its own blood and valve banks.¹ The pediatric intensive therapy unit (see Exhibit 2), which consisted of 50 beds, was one of the largest in the world with 40% of all procedures performed at NH being pediatric treatments. Since its opening, the hospital had completed over 11,228 open-heart surgeries (OHS), half of which were pediatric. In 2004 alone, it performed 4276 surgeries, of which 1,467 were on children. To complement the surgeries, NH also performed 5,430 catheterization procedures that year.

To provide affordable cardiac care to the masses, NH followed a hybrid strategy of attracting paying patients by virtue of its reputation for high quality, but combined this appeal with a relentless focus on lowering its costs of operation wherever possible, so that a larger number of people could afford to seek treatment. The surplus gained from paying patients was used to subsidize procedures that were performed at, or below, cost for patients who could not afford the full fee. In 2004, the proportion of patients who paid NH’s full price to those that could not afford to pay, was about 60:40. See Exhibit 3 for a picture of the entrance foyer at NH on a typical day.

The break-even price for a typical OHS at NH was approximately Rs. 90,000 (US$2,000) for adults and Rs. 130,000 (US$2,800) for children. At a price of Rs. 110,000 (US$2,400) for a regular package

¹ The valve bank (one of four in India) stored valves (harvested from cadavers) which were used to replace damaged valves during surgery. NH offered these valves to patients and other hospitals free-of-charge.
Bangalore heart surgeon transforms India’s health care

Model for hospitals is cutting costs and yielding profits, offering insights for countries grappling with soaring medical bills

Dr. Sunil Shetty, a 45-year-old heart surgeon who operates in Bangalore, India, has transformed the heart care market in the country. His approach has been to focus on low-cost, high-quality care, which has resulted in a significant reduction in the cost of heart surgery.

Dr. Shetty’s model emphasizes the importance of preventive care and early intervention. He believes that by focusing on early detection and treatment, hospitals can reduce the need for more expensive treatments later on. This approach has helped him to keep costs down while maintaining high standards of care.

Dr. Shetty’s success has inspired others in India and around the world to adopt similar models. His approach has been criticized by some for not being comprehensive enough, but his focus on low-cost, high-quality care has been praised by many.

Dr. Shetty’s model is not just about reducing costs; it’s also about improving the quality of care. His approach has helped to reduce the mortality rate for heart surgery significantly. This is a testament to the importance of preventive care and early intervention.

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Children’s hospital Of Philadelphia pediatric Anesthetists Team
IT to reduce the mortality by 50%, and cost by 50% with Digital protocol.
WE ARE NOT TALKING ABOUT BIG DATA

- ICD 9-6000 diseases, 1000 common.
- 50,000-SIGNS, SYMPTOMS
- 100,000-SIGNS, SYMPTOMS, LAB TESTS
Machines to Train ICU NURSES

• CAE TECHNOLOGY SIMULATORS TO TRAIN ICU NURSES.

• UNIVERSITIES GIVE THE KNOWLEDGE, DRIVING SCHOOLS GIVES THE SKILL

• APPROXIMATELY 110 TASKS

• APPROXIMATELY 20 CARDIAC ARRESTS PER YEAR

• MACHINES DON'T GET TIRED, BORED, BLUFF

• MACHINES TO TRAIN, GRADE AND CERTIFY.