

# Refined Skills of Physicians in Independently Owned Hospitals in India Reduce Healthcare Costs for Patients

By Anam Hussain and We'am Hussain

Advisor: Dr. Kathleen Scheltens

## Diagnosis in India

1. Clinical diagnosis when patient had abdominal pain by palpating the abdomen. Confirmed by ultrasound examination. Had appendectomy right away.
2. Patient was auscultated and heart murmur was heard; the clinical diagnosis of mitral stenosis was made because of the diastolic murmur, and was confirmed by echo cardiogram.
3. Diagnosis was made on EKG, 2D Echo and blood test. Patient was given intravenous clot buster medication and was treated medically. And when he improved, he was discharged with follow up.
4. Incision and drainage took place, then dressing was done, and the patient was discharged.

## Overall Cost

1. \$400
2. \$20
3. \$50
4. \$30

## Introduction

In America, we are currently striving to provide adequate healthcare to all, regardless of income level. After shadowing Dr. Mahmood Osmani in Hyderabad, India for two months, it was observed that advanced knowledge of physicians who do not use excessive technological protocols help reduce health care costs while still performing effective treatments.

## Illnesses

1. Appendicitis
2. Mitral Stenosis
3. Heart Attack
4. Mucus Cyst

\*Follow the numbers for diagnosis and costs of individual illness.

## Analysis

Doctors in both India and America are doing their best to provide care for the ill through the best means possible. In America, with advanced technology, doctors do more tests to ensure the best care; however, by shadowing Indian doctors, it was observed that fewer tests still provide adequate diagnosis, making treatments more affordable.

## Diagnosis in the U.S.

1. Urinalysis, abdominal X-ray, ultrasonography, and CT scan, then appendectomy performed.
2. EKG, Echo, and Cardiology Consult.
3. Primary Angioplasty and stenting of the coronary arteries.
4. Surgical consult and theater charges.

## Overall Cost

1. \$12,000
2. \$500
3. \$10,000
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