

ORTHOPEDICS WITHOUT A HOSPITAL

Basil R. Besh MD

Surgery of the Hand, Wrist, and Elbow

Fremont, California

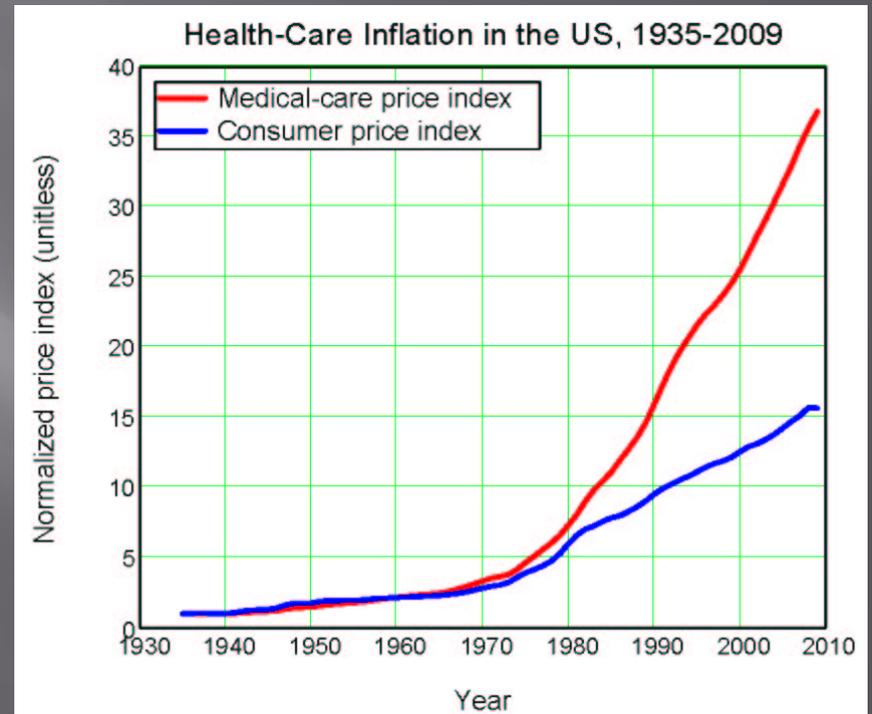
Inpatient to Outpatient

- ▣ Medicine is shifting to the outpatient realm for two reasons:
 - Technology has allowed it.
 - Economics has required it.



Economics

- ▣ Healthcare inflation far outpaces normal inflation.
- ▣ UNSUSTAINABLE!!



History of Outpatient Surgery

- ▣ 1970, two plastic surgeons open first ASC, Surgicenter in Arizona.
- ▣ Five cases done by five different surgeons the first day.
- ▣ Immediate threat to hospitals.



This editorial cartoon appeared in *The Arizona Republic* on April 30, 1972, along with an editorial endorsing a Surgicenter request for permission from Arizona's Comprehensive Health Planning Council for a reduction in rates.

Hospitals

- ▣ The modern hospital is rapidly becoming an intensive care unit with all the fantastically expensive equipment and procedures that are required. It costs too much. It costs too much because many who are hospitalized do not need all this and should be cared for in much less expensive surroundings. Thus, the hospital must be surrounded with a number of closely associated special purpose facilities. (Russell V. Lee, MD, writing in *Medical World News*, July 11, 1969)



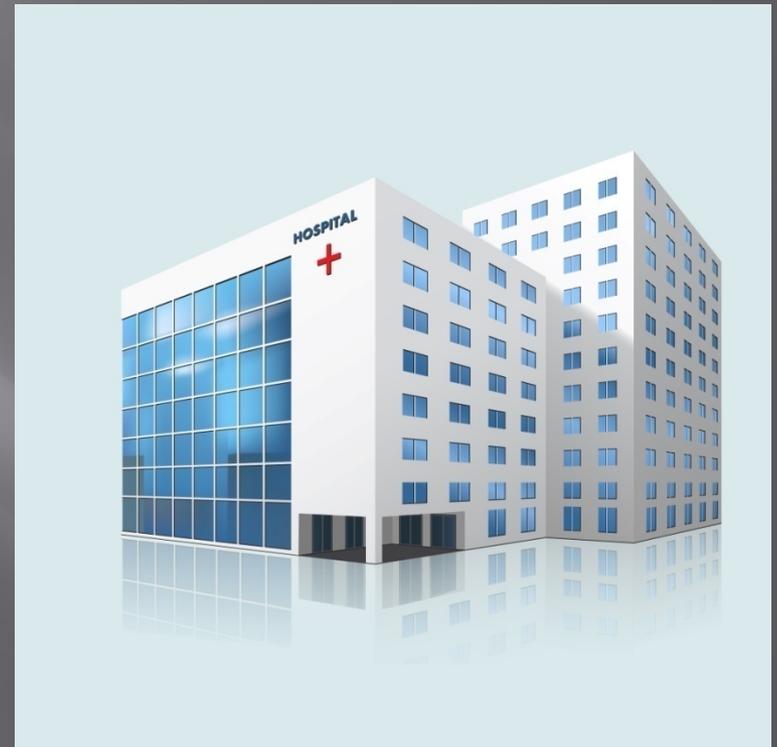
ACL Reconstruction



A faulty part from an independent supplier leads to the creation of a multibillion-dollar sports medicine profession.

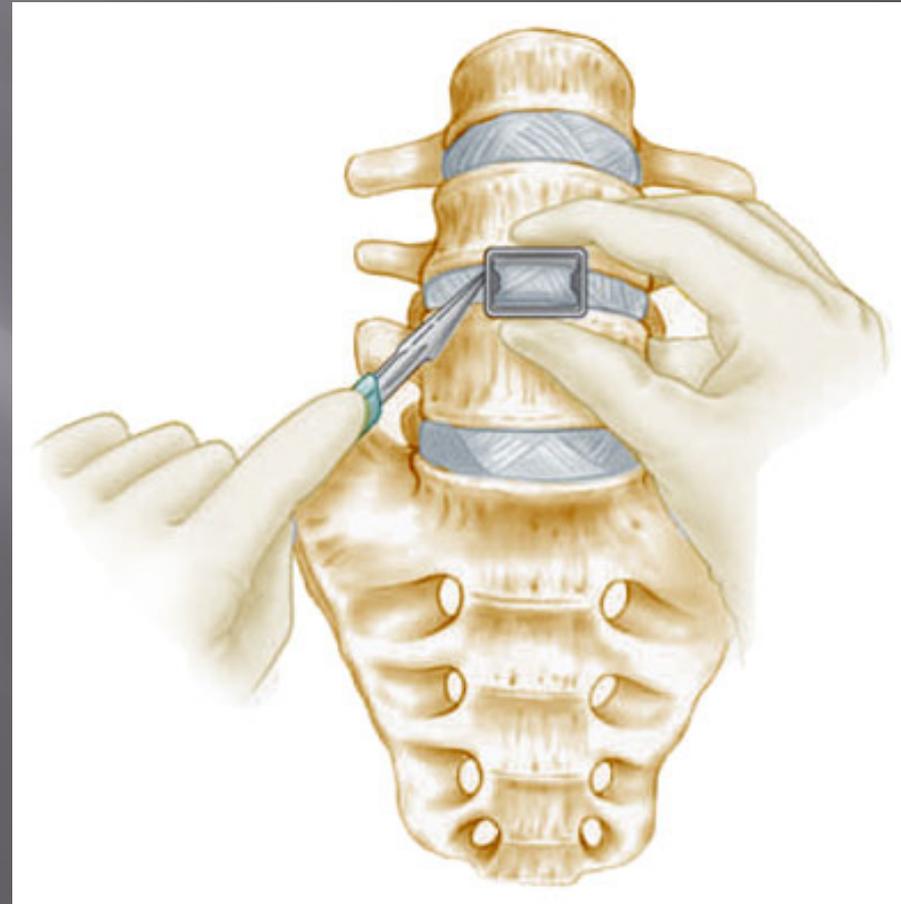
Inpatient Service Lines

- ▣ Spine Surgery
- ▣ Joint Replacement
- ▣ Inpatient Cardiology
- ▣ Already in the process of shifting to outpatient.



Spine Surgery

- ▣ Discectomy.
- ▣ Laminectomy.
- ▣ Laminoplasty.
- ▣ Anterior Lumbar Interbody Fusion (ALIF).
- ▣ Single AND two level lumbar fusion.
- ▣ Anterior Cervical Discectomy and Fusion.



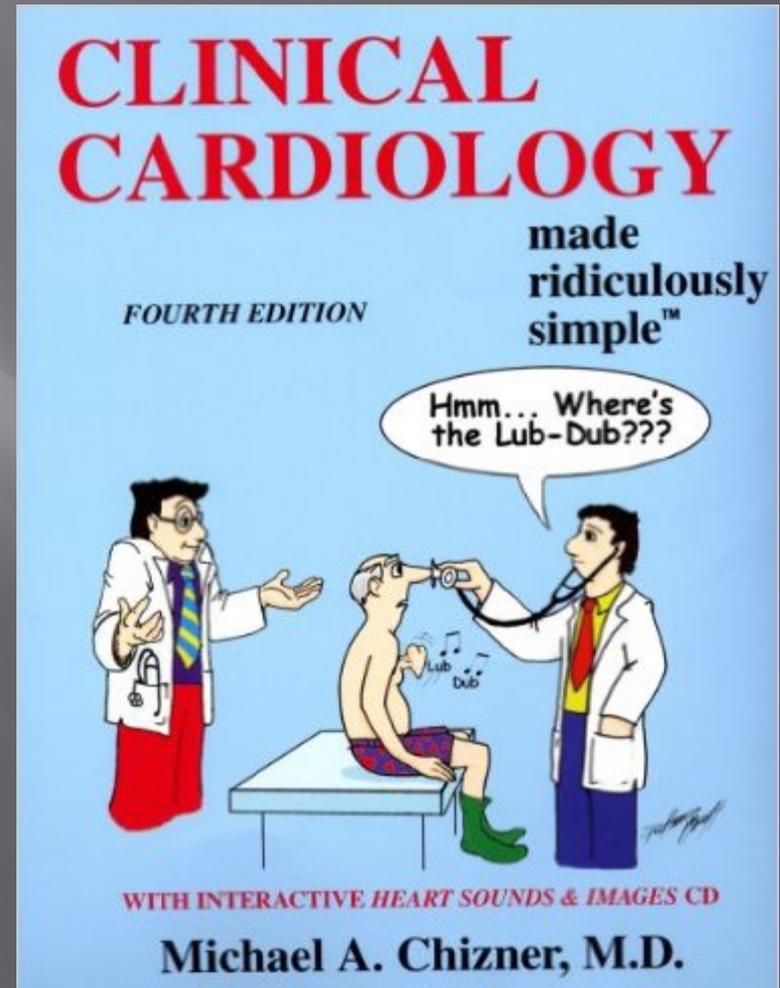
Total Joint Replacement

- ▣ Partial Knee Arthroplasty
- ▣ Total Knee arthroplasty
- ▣ Total Hip Arthroplasty



Cardiology

- ▣ Pacemakers
- ▣ Defibrillators
- ▣ Peripheral/Carotid Angiography and Angioplasty
- ▣ NO Coronary Angioplasty



Improvements

- ▣ Anesthesia
- ▣ Preop Planning
- ▣ Surgical Techniques
- ▣ Biologics
- ▣ Infrastructure
- ▣ Regulation
- ▣ Acceptance
- ▣ Motivation



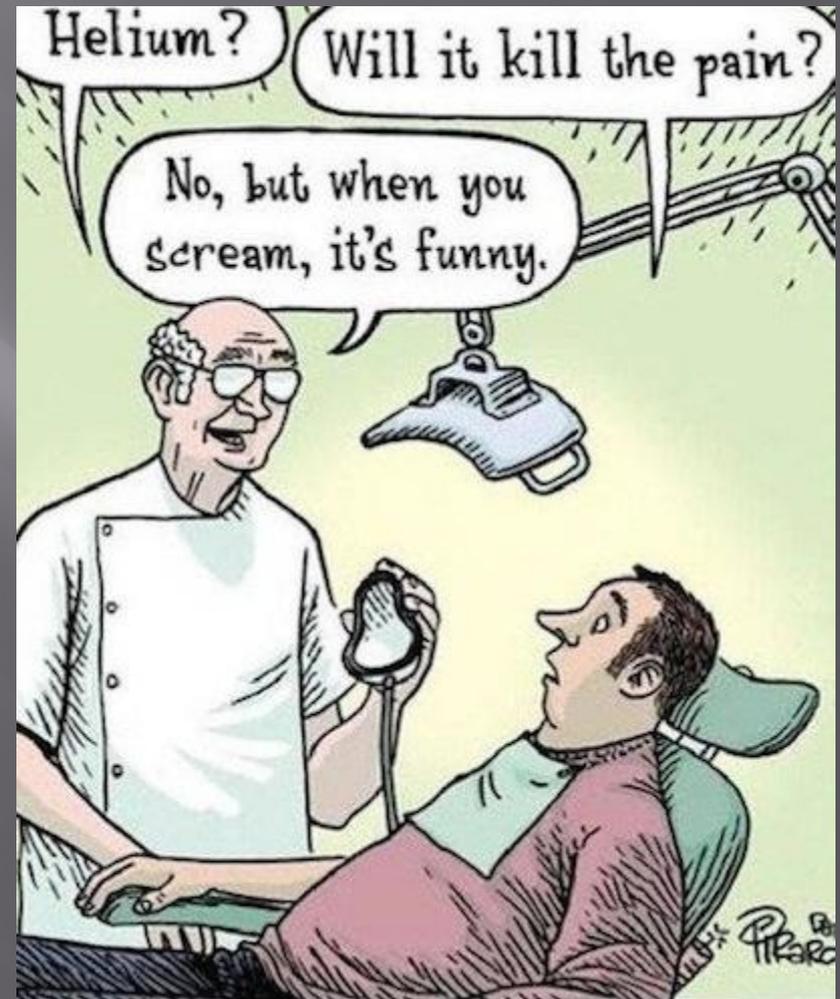
IMPROVEMENT

Sometimes, your questions can be complicated but the answers are simple.

Square Wheels™ is a trademark of Performance Management Company

Anesthesia

- ▣ Improved agents with quicker onset and shorter half-life.
- ▣ Regional anesthesia.
- ▣ Indwelling catheters.
- ▣ All lead to reduced need for hospitalization.



Preop Planning

- ▣ Patient Selection
- ▣ Preop Psychological Assessments?
- ▣ Preop Counseling
- ▣ Managing Expectations
- ▣ Preop PT
- ▣ Preop Crutch Training



PLANNING

Still a good thing to do first.

VERY DEMOTIVATIONAL .com

Surgical Technique



Laugh more at TrollLevelmax.com

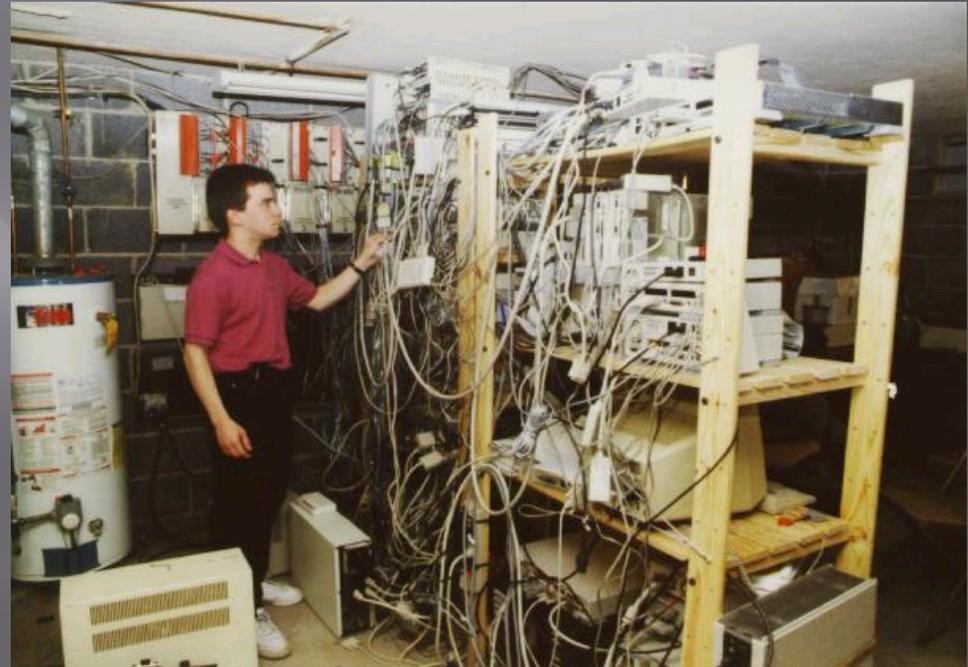
Biologics

- ▣ Synthetic Bone Graft
 - Osteoconductive AND Osteoinductive.
 - Approaching gold standard of Autograft.
- ▣ Allograft
 - More widely available.
 - Becoming more cost effective and more widely accepted.



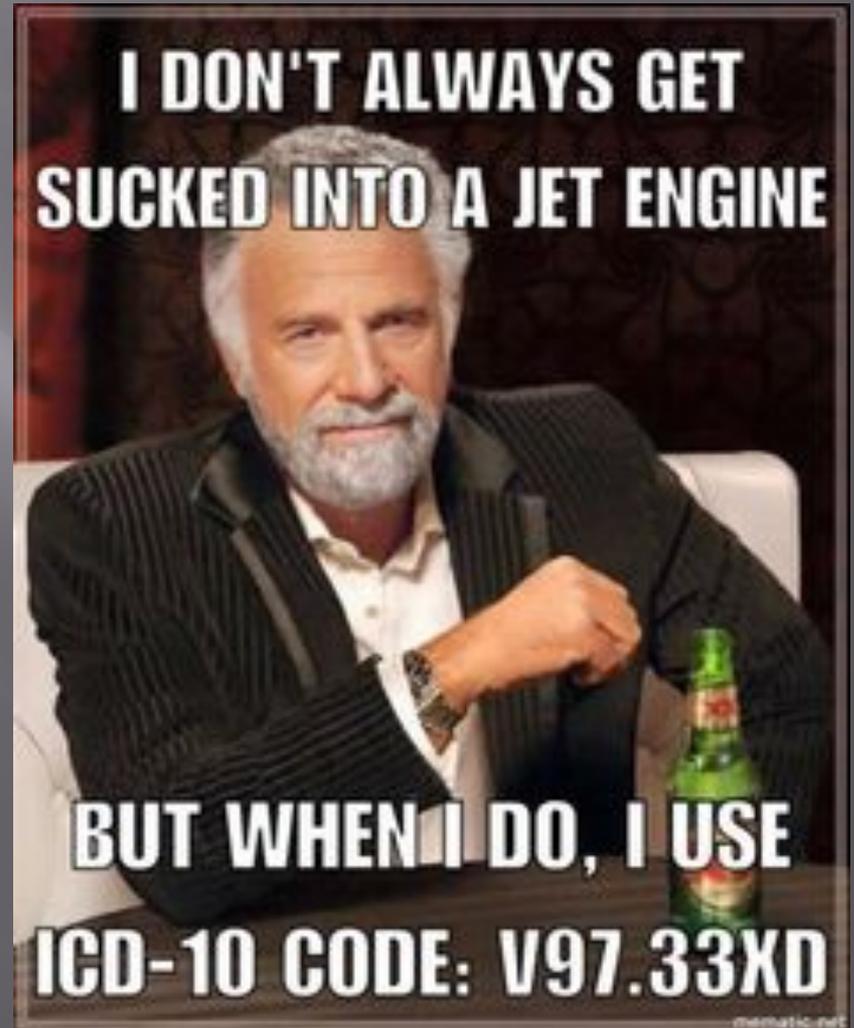
Infrastructure

- ▣ Skilled Nursing Facilities
- ▣ Home Health Aid
- ▣ Visiting Nurses
- ▣ IV Nurse + PICC Line + Visiting Nurse for long term IV ABX



Regulation

▣ Medicare Approval



Acceptance

- ▣ Requires a paradigm shift.
- ▣ A different way of looking at what is a desirable outcome.
- ▣ Hospital transfers become a good thing?
- ▣ Neither want to discourage innovation nor best practices.

UNDERSTANDING
is the first step to *acceptance*,
and only with
ACCEPTANCE
can there be *recovery*.

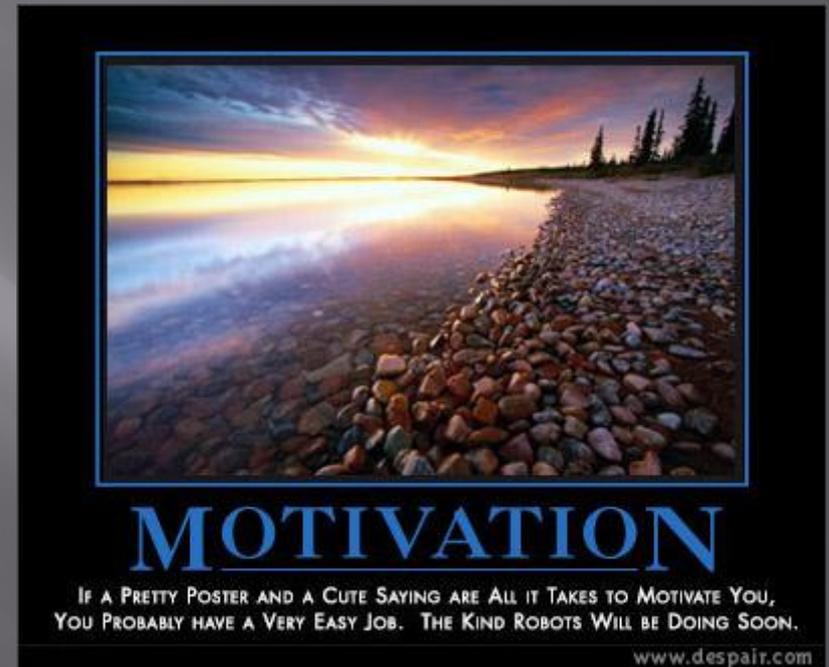
- Dumbledore

Math

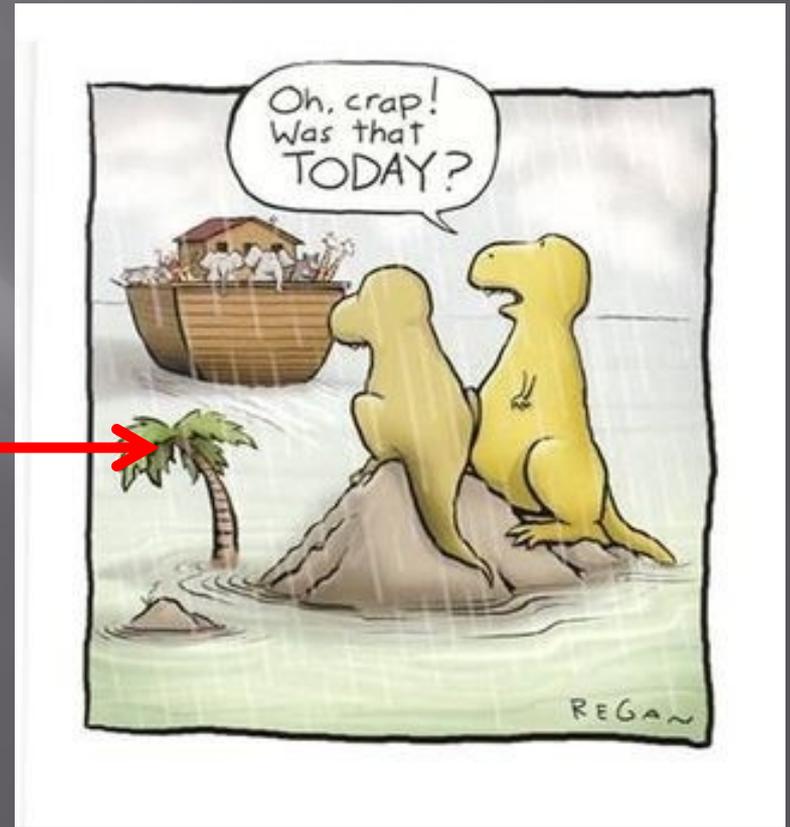
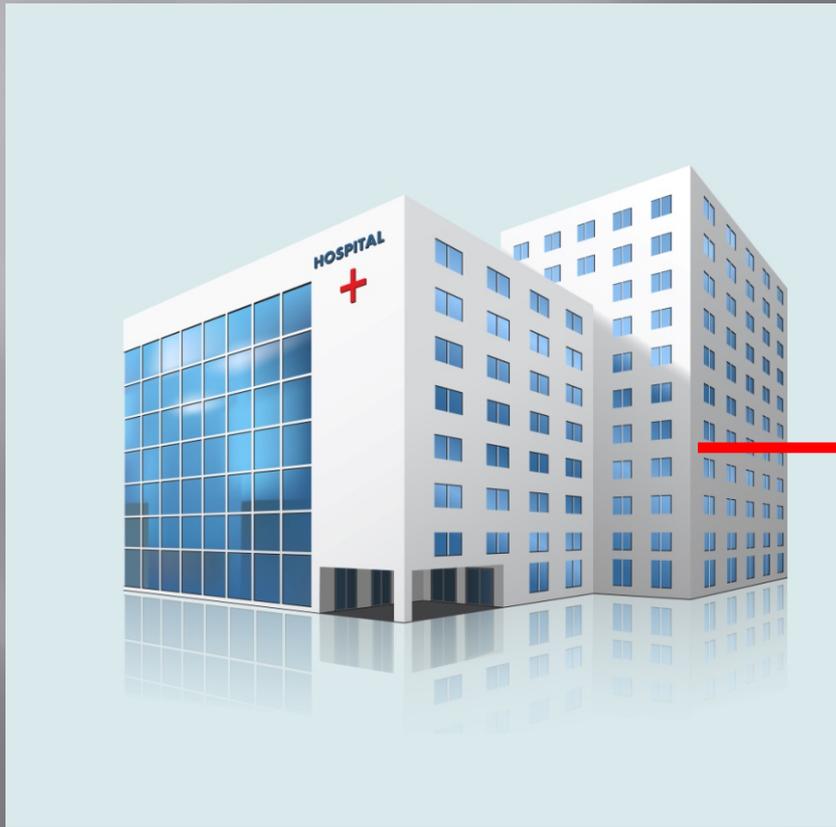
- ▣ Outpatient case = \$5,000
- ▣ Inpatient case = \$10,000
- ▣ Case that starts at outpatient and requires hospital transfer = \$15,000
- ▣ 10 cases start outpatient, 10% transfer rate →
- ▣ $9 \times \$5,000 + 1 \times \$15,000$
- ▣ Total = $\$45,000 + \$15,000 = \$60,000$
- ▣ If all started inpatient →
- ▣ $10 \times \$10,000 = \$100,000!!!!!!$

Motivation

- ▣ Better patient care.
- ▣ Financial incentives.
- ▣ Vision!



Collateral Damage











Summary

- ▣ Medicine Shifting to the Outpatient Realm.
- ▣ Gradual Process.
- ▣ Improvement in technology.
- ▣ Obstacles to Overcome.
- ▣ Progress and change represent opportunity.



Thank

you

