### **How Lean Thinking Helps Hospitals**

#### What We Heard

Having a mgmt. system is critical

The system is complicated, think of how that might apply to us, think of our customers

No layoffs due to lean

We don't want assembly line medicine

Lowest cost hospitals produce the best care

Start with the problem

Lean equals no tradeoffs

No quick fixes!

Don't lock up your suggestions!

#### **Tell Us More**

Can you speak to the conflict of interest between LOS and desire for revenue?

What happened to the triangular rooms?

Is there improvement in the data for hospital caused mortality?

Do you have suggestions for ways we can better enlist our owners to join our lean journey?

# Field Conversion of New Crude Unit to Modular Design

#### What we heard:

Super dramatic transformation for initial effort Not just 5-Whys – ask "WHY NOT????"

#### Tell us more:

Do you precast grade beams? How did you develop that idea?

# Applying Lean as a System from RFP to Project Delivery and Payment

What we heard

#### Tell us more

How do you balance batching with flow / process?

## Parkland Presentation, Wellington Regional Med Center, The Evolution of the Construction Dinosaur

#### What we heard:

Good all over

Constructors remembered they were craftsmen

Good job Sam

Don't have to start Pull Planning in the beginning

Approach me, avoid me

Quality control includes IT

#### Tell us more:

What are you talking about Sam...not size of project is not suitable???

RFI's was a COS- so if you had questions, how were they documented if there were none- Wellington

How can you eliminate punch list?

What is your policy for overtime- sam?

Was there pushback for 7:00 meetings- sam?

Virtual mock-up- how did client use that?

# **Engineer/ Trade Partner Collaboration What we heard.....**

Always need collaboration

Autodesk is not always your friend

Collaboration produces ownership

Lean is also a world wide collaboration

Right information at right time

Design for fabrication

#### Tell us more about...

Where is Dynaten in the owner-design process

Can you share success on dry side mechanical?

Do you do impressions?

How does the rest of the design team feel about no revit?

Can you address how we looked at AHJ?

Has team been involved with performance?

What was basis of decision on level of prefab?

What were challenges on racks?