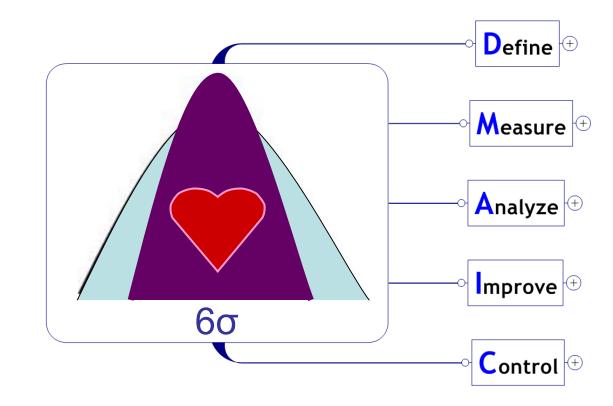
Six Sigma: What's Missing? Applying It to Ourselves!

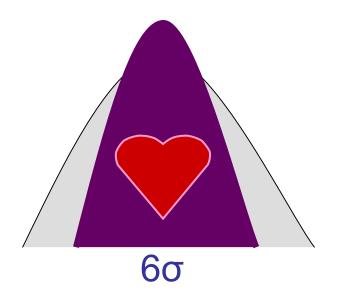


Doug Zahn Consultant and Coach zahn@stat.fsu.edu

Part 1



Part 2



What I've Learned

What Is Available

What I've learned

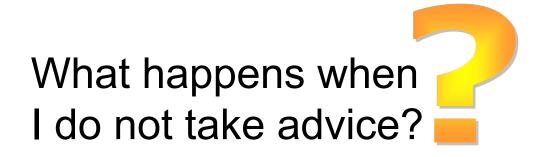
- Relationship
- Attitude
- Breakdown
- Improvement

Relationship affects the quality of my consultations.

- Whether my advice is taken matters to me.
- Sometimes it isn't.

Relationship

 When people don't take my advice, what is happening?





My attitudes affect the quality of the relationship.

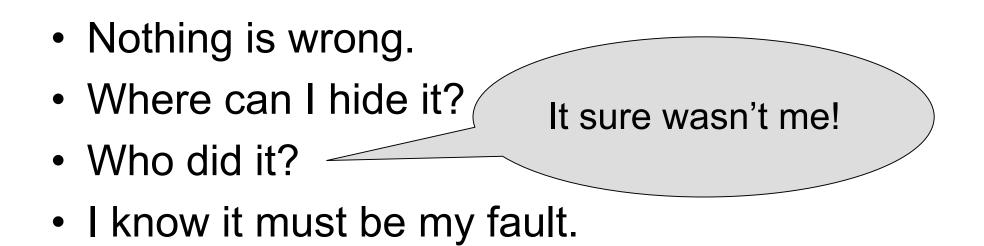
Breakdowns occur and contain valuable information

• Breakdowns are a natural part of the consulting process.



promise nothing and do nothing

Reactions



The problem

- The **breakdown** is not cleaned up
- The source of the breakdown is not identified and addressed
 - and thus this type of breakdown will occur again.

Question shift

Counter-productive questions

- "Whose fault is this?"
- "Who is to blame?"

More useful questions

- "How did this happen?"
- "What can be learned from this incident to keep it from happening again?"

Both contribute

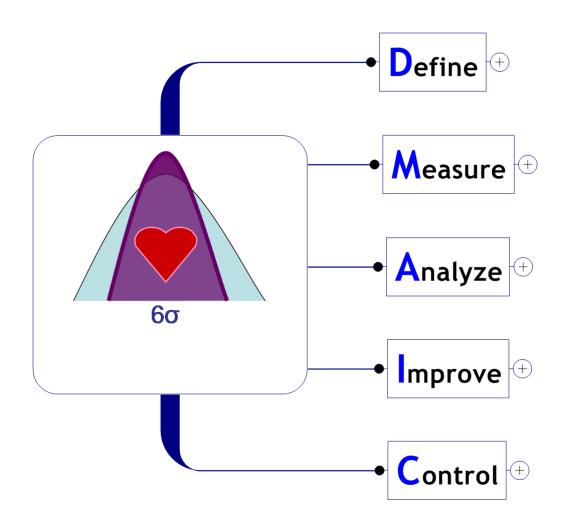
- What part do I play in creating breakdowns in my consultations?
- What am I willing and able to do about this?

The quality of my services can be systematically improved.

- Relationship
- Attitude
- Breakdown
- Improvement
 - how my relationships and attitudes contribute to the breakdowns that occur in my practice and
 - how to do something about it.

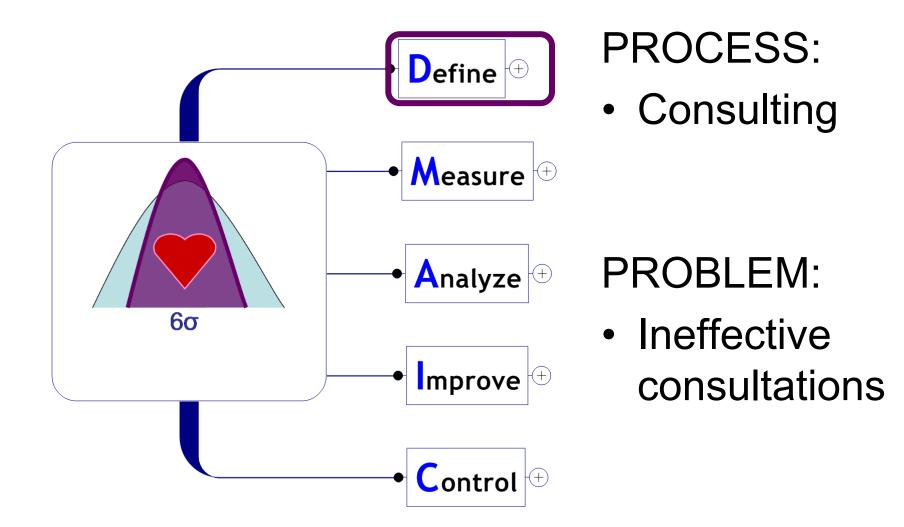
VIDEOTAPE + COACH

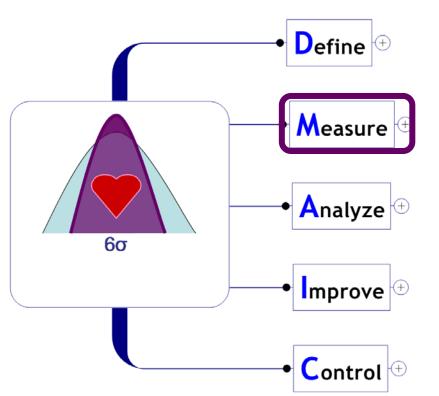
Applying Six Sigma to Ourselves



Take a minute to answer these questions

- Who is your difficult client?
- What makes it tough for you to work with this client?





An effective consultation:

- What the client wants is identified and addressed.
- It ends with an implementable plan.
- The plan is implemented.
- The implementation stands up to scrutiny
- The client views you as a valuable resource

Data Collection

Memories and anecdotes



The palest ink is better than the best memory



Videotape as data



- Better data videotape of the consultation.
- Not necessary to tape every session
 - And a tape every now and then is invaluable.

Analyze:

- Identify a segment of tape
- What you want to get out of it
- Analyze this segment by looking at:
 - interpersonal, ~
 - intrapersonal,
 - technical aspects

with a coach

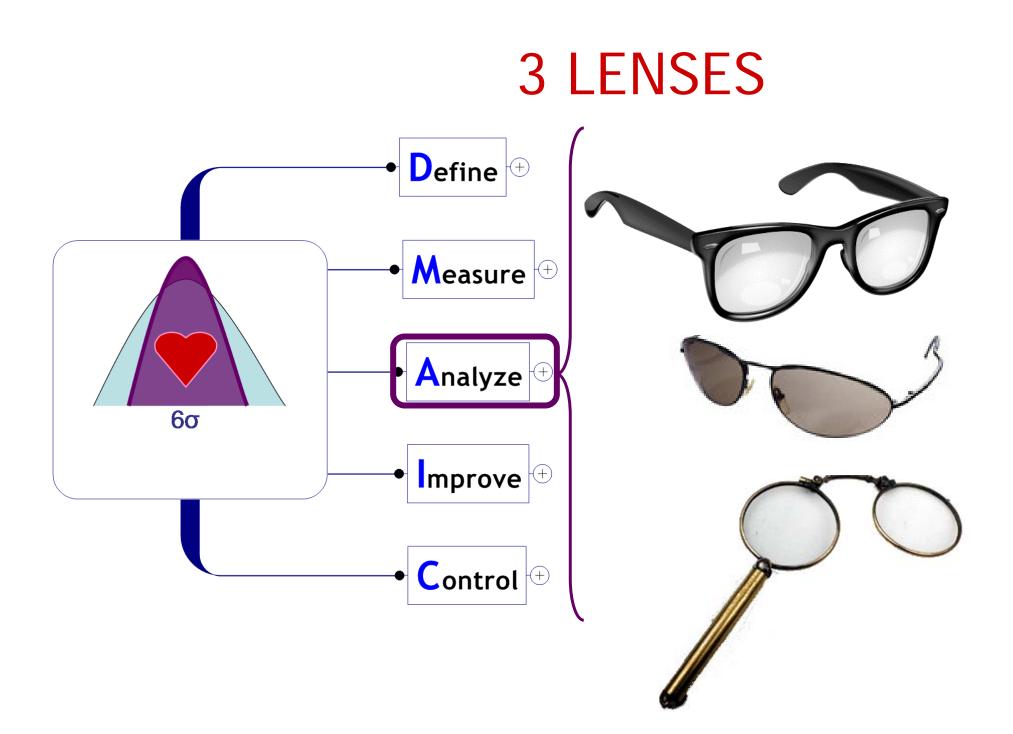
The gold is in what did **not work**.

An actual consultation.



- My difficult Client.
- Preparation for consultation
- The first four minutes

- I invite you to take notes
- Compare how I consulted with my difficult client to how you consult with your difficult client.
- What do you notice?

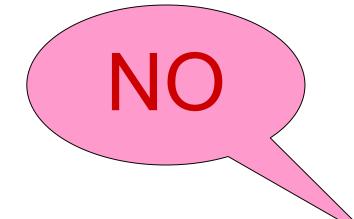






INTERPERSONAL

- My preparation created a problem.
- I was not engaged.
- I assumed she understood my statistical jargon



 I thinly veiled a command as a question



INTRAPERSONAL LENS

ATTITUDES

- "She shouldn't have changed her mind?
- "Doesn't she know that I spent hours preparing?"
- "I don't think this project is worth my time."

EMOTIONS

- Confusion: what are the 2 parts of statistics?
- Anxiety
- Anger



Attitudes

- "She shouldn't have changed her mind? "
- "Doesn't she know that I spent hours preparing?"
- "I don't think this project is worth my time."

Emotions

- Confusion: what are the 2 parts of statistics?
- Anxiety
- Anger





Technical lens

- What are the 2 parts of statistics anyway?
- Emotional highjacking: 16 years of experience was not available.
- Not speaking on her level technically

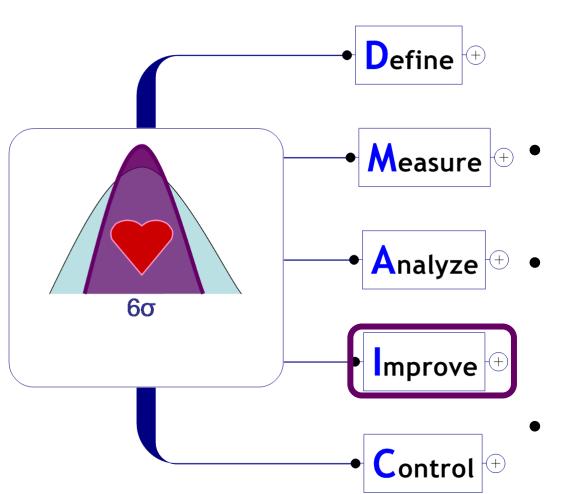
What did you see?



- Any similarities to conversations you have with your difficult client?
- Please take one minute to write your observations.



Pick a partner and discuss these questions with your partner for 2 minutes.



- Select a breakdown to address
- Select a strategy to address it
 - Implement first in easy, friendly situations
 - Gradually ramp up your skills

"Physician, heal thyself,"



"Let's use statistical thinking to improve statistical practice."

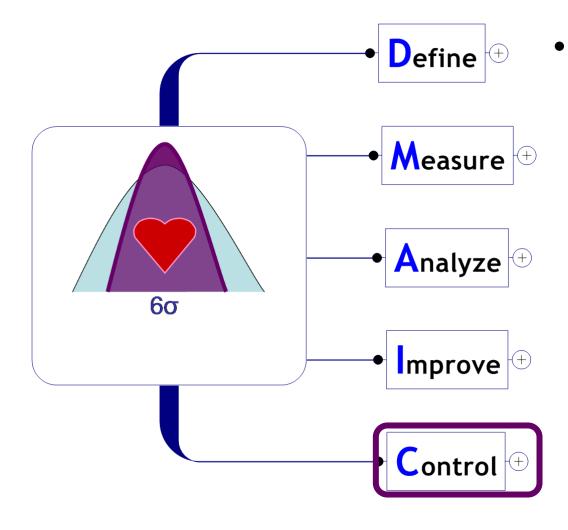
"When a physician has himself for a patient, both the physician and patient are fools."

- Don't do the analysis alone.
- Do it with someone
 - You trust
 - Who looks at the world differently
 - Who is willing to disagree with you



Changes I Made

- Revise my point of view on my attitudes.
- Be with the person for the entire time agreed. Set aside my attitudes for this hour.
- Focus on finding out exactly what the client wants
- Watch for early warning signs of an emotional highjacking:
 - A flurry of negative attitudes
 - Rising concern about how poorly the session is going
 - AND
 - then ask for a minute to collect my thoughts



 Set up systems to keep yourself mindful of the improvement you are implementing even while you are in the midst of the heat of a consultation with your difficult client.

For example:

Write Notes such as:

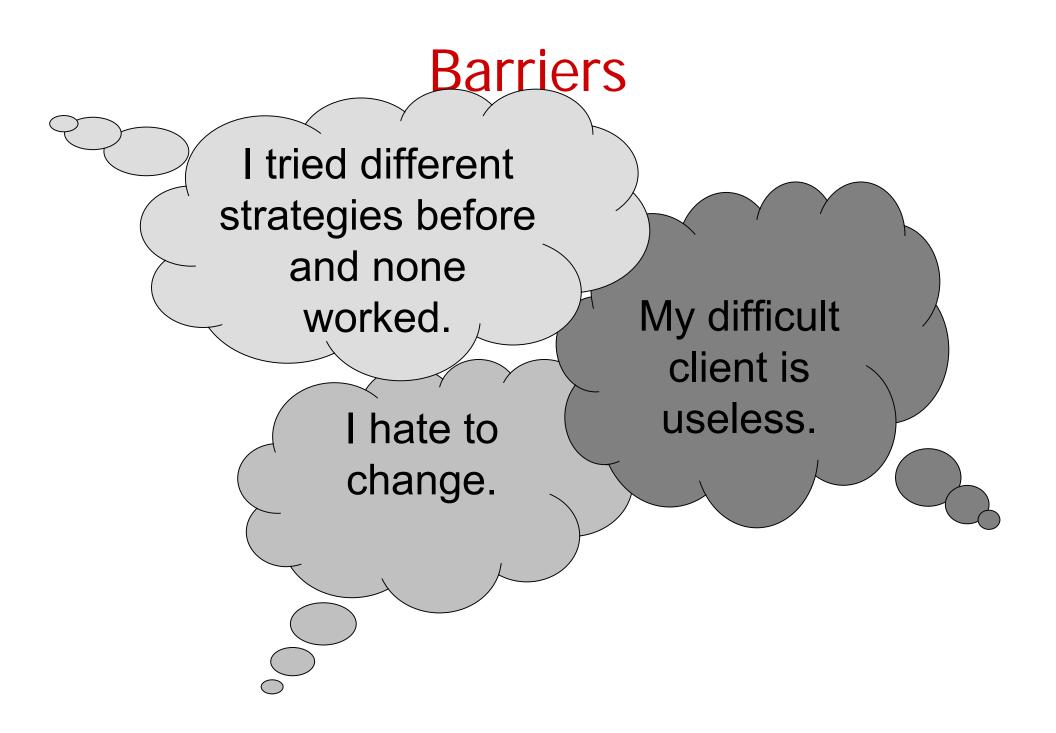
- Listen
- Purpose?
- Want?
- Time?
- List of my early warning signs



Your turn.

- How do you help to create the breakdowns you have with your difficult client?
- What is something you can do about this?



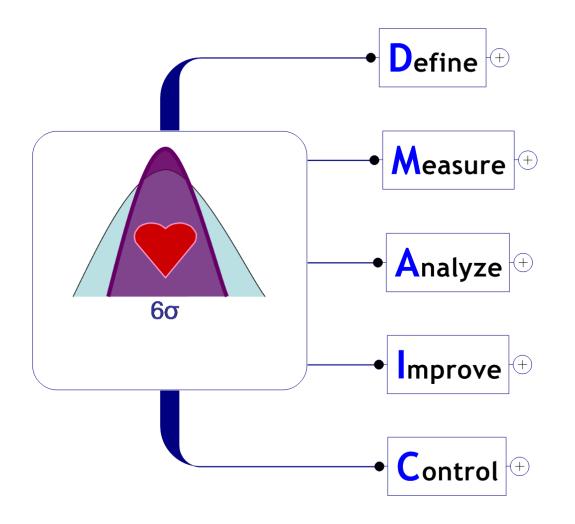


Will the plan that you identified be implemented?

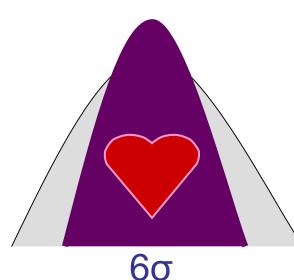
I propose we gather data:

- Put your business card in this box.
- I will send you an e-mail in five weeks
- How did your plan work?
- Additional questions?
- I will respond

What's missing from Six Sigma?



Applying it to ourselves.



- Videotape a consultation
- Analyze it with a coach
 - Interpersonal lens
 - Intrapersonal lens
 - Technical lens
- Identify what is not working
- Generate possibilities for improving your services.