Pragmatic, Programmatic Research
Big Picture

• School of Medicine
  – NIH Funding
  – Clinical Trials
  – National Reputation
  – Publications

• Department of Surgery
  – Publications
  – National Reputation
  – NIH Funding
  – Clinical Trials
Big Picture

• Acute Care Surgery Section
  – National Reputation
    • Virtuous cycle
Presentations → Better Recruits → Publications → More Opportunities → Increased Profile
Pragmatic, Programmatic Trauma Research
Secret Sauce
Effort
Mental Toughness
Accountability
Effort
Mental Toughness
Accountability
How do you get research done?

• Ideas
  – Come from anywhere
    • Bedside, variations in care, big clinical questions, meetings, M&M, Grand Rounds
  – Keep coming back to them
  – Write them down
    • Napkins

• Forum for fleshing out ideas
  – Informal
  – Formal
How do you get research done?

• Map out the plan
  – What questions?
    • Hardly ever just one question
  – Maximize output - minimize work

• Identify an owner

• Get everyone on the same page

• Accountability
  – Informal
  – Formal
    • Regular meetings
Paradigms for Pragmatic Research

Retrospective local
Retrospective large database (NTDB?)
Prospective local
National Survey
Retrospective MIT
Prospective MIT – RCT
Paradigms for Pragmatic Trauma Research

• Disease Process
  – Fabian – BCVI

• Outcome
  – Failure to rescue

• Tool (Diagnostic or Statistical)
  – Rozycki – FAST
  – Shock Index, TEG, GBMT
Paradigms for Pragmatic Trauma Research

• Build a Large Database
  – VAP, BCVI, TEG, Blood transfusion times

• Progression
  – Retrospective local – Retrospective large database (NTDB?) – Prospective local – National Survey – Retrospective MIT – Prospective MIT – RCT
Paradigms for Pragmatic Trauma Research

• Team up with a PhD
• Protocol driven / Quality Based research
  – Colon injuries / Pancreatic injuries
• Develop skills for large database research
  – Haider - Disparities
BCVI


BCVI


I 💚 CULTURE
It is unacceptable to miss an abstract deadline.