Strategies for A Successful REBOA Program: It’s Not Simple….

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Disclosure
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Translational Research

Changing Is Challenging

Purpose
Describe A Process For The Implementation Of New Technology Into Current Practice

Approach
- Identify Innovators and Early Adopters
- Conduct Literature Review
- Outline Criteria for Proficiency and Credentialing
- Perform Analysis of Consecutive Patients
- Define Measurements of Success
“It is important that this new technique be evaluated Rigorously and transparently before widespread adoption”

An Endovascular Course for Trauma Surgeons

- 2 hrs. lecture
- 1 hr. simulation training
- 5 hrs. large animal training

Access Techniques
11 year experience: 2,293 patients
128 (6%) in severe shock
Packing/external fixation dominated
No consensus to optimal treatment

Clinical Experience

Pelvic Packing & Laparotomy
HR 120, BP 71, BD 12
44 minutes: Mortality 21%

Survival
REBOA 75 cases: Survival 54/75 72%

Old
New

ER REBOA

Early Adoption
Potential Problems

Partnership = Success

Summary

- Commitment for Innovation
- Training and Proctoring
- Credentialing
- Clinical Practice Guidelines
- Process Improvement for Quality & Safety