



2021 LEAD Capstone Poster Session

Building a Comprehensive Geriatric Fracture Program at UT Southwestern

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Abstract

- As the patient population continues to age, the incidence of fragility fractures will continue to increase. There have been the development of “Fracture Liaison Services” which are programs that provide comprehensive care of these fragility fractures that improve outcomes, reduce complications and re-admissions by incorporating a team approach to care for these patients. These teams include Emergency Medicine, Anesthesia, Physical therapy, occupational therapy, Nutrition, Orthopedic surgery, Internal medicine, geriatric medicine, social work. By working together cohesively we can improve the care and outcomes of these frail patients.



Objectives

- Develop a systematic way to sustainably start and successfully run a geriatric fracture program
- Implement strategies to improve outcomes for our elderly with fractures
- Develop strategies to prevent fractures and improve bone health



Background Information

- 8.9 million osteoporotic fractures annually
- 1 osteoporotic fracture every 3 seconds
- 1 in 3 women over age 50
- 1 in 5 men aged over 50
- Fractures cost **\$18 billion/year** and expected to increase if action is not taken
- By 2050, the worldwide incidence of hip fracture in men is projected to increase by 310% and 240% in women, compared to rates in 1990



Specific Aims

- Total quality management
- Protocol driven
- Patient centered
- Co-ownership / Team approach
- Early surgery (within 24 hours)
- Reduced length of stay (goal is 5 days)
- Focus on bone health
- Low cost model



Project Plan

- Create a successful, sustainable co-management program to provide the best care of elder fracture and orthopedic patients which is cost effective and value driven.



Application of What You Learned at LEAD

- Communication to bridge the “silos” of medicine to get various subspecialties engaged in this cause



Innovation and Significance

- This project is very timely as our population continues to age and fragility fractures become more prevalent.
- By creating a sustainable fragility fracture program, we can improve outcomes and reduce the next fractures.



References

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