DON'T HURT ME. HEAL ME. BE NICE TO ME.

What patients want in acute care & how Geriatric Medicine can get us there.

Belinda Setters, MD, MS Director, Hospital Services University of Louisville Dept. of Family & Geriatric Medicin

ACUTE CARE & GERIATRICS

- Objectives
 - Review hospital risks for elderly patients
 - Review hospitalist benefits
- Discuss geriatric principles relevant to acute care
- Learn methods for reducing complications of acute care

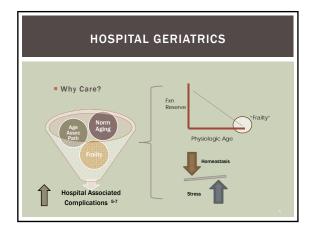
HOSPITAL GERIATRICS

- Why Care?
 - Elderly population is <u>rapidly growing</u> compared with other age groups¹

 - In 2000:
 13% of the US population
 35% of all hospital admits
 49% of all hospital days ²/50% of all hospital beds ³

 - Baby Boomers exponentially increase > 65 yrs old 4
 18aby Boomers → 65 ye every 7 seconds
 2030
 > 20 % of population will be > 65 yrs old 2

1



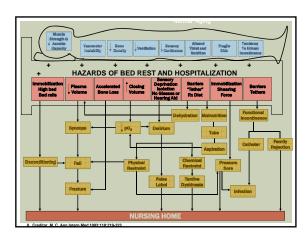
Patient Wish List 19 Patients want to know what's going on. Patients hate continuously filling out forms. Patients want extraordinary customer service. Patients want a better understanding of hospital charges/costs. Patients want to know where and whom to go for questions. Not to be harmed. To be treated nice. To be healed.

HOSPITAL GERIATRICS Risks of Hospitalization 7-18 Functional Decline Immobility Delirium Adverse Drug Reactions / Polypharmacy Nosocomial Infections Incontinence Mainutrition Dehydration Pressure ulcers Falls

HOSPITAL GERIATRICS

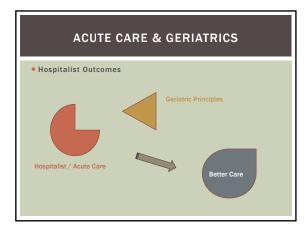
- Costs of Hospital Associated Events in Elderly
 - 33% of all hospitalized elders are discharged with a new impairment in $\underline{\text{functional status}}^5$
 - 12-66% of discharged elders are $\underline{\text{readmitted}}$ within 6 months 6
 - Additional <u>financial cost ⁶</u>

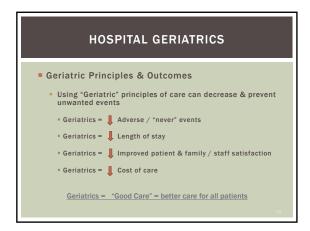
 - Prolonged length of stay (LOS)
 Treatment for latrogenic conditions
 (not covered by Medicare = "never events")
 Intermediate/Rehab care costs



ACUTE CARE & GERIATRICS ■ How do we get there? Translate GERIATRICS Hospitalist Primary docs Sub-specialists

ACUTE CARE & GERIATRICS - Hospitalist Outcomes - Hospitalist quality assurance measures - better outcomes - Fewer complications - Shorter LOS - Lower hospital cost - Offset: higher post-discharge cost - Less likely to be d/c home



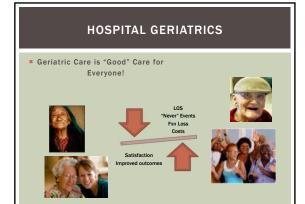


ACUTE CARE & GERIATRICS

- How do we get there?
- Models
 - Consultative Service 23
- Floating Geriatric Team 24



- ACE (Acute Care for Elders Model) Geriatrician led Interdisciplinary Team
- Geriatrician
 RN / NP
 Geriatric Pharm D
 Social worker
 Therapists: PT / OT / ST
 Wound RN
 Chaplain



ACUTE CARE & GERIATRICS

- References

 Taeuber C. Sixty-five plus in America. Current population reports. Special studies. Washington, DC: US Department of Commerce, Economics, and Statistics Administration, Bureau of the Census; 1996. Publication #P23-173RV.

 Desai MM, Zhang P, Hennessy CH. Surveillance for morbidity and mortality among older adults—United States, 1995-1996. Mor Mortal Wkly Rep CDC Surveill. Summer 1999. Dec 17;48(8):7-25.

 Defrancis CJ, Hall MJ. 2002 National Hospital Discharge survey. Advance data from vital and health statistics. No.342. Hyattsville (MD): National Center for Health Statistics; 2002.

 Kozak LJ, Lawrence L. National hospital discharge survey: annual summary. 1997. Vital Health Stat 13, 1999 Dec;(144):i-iv, 1-46.

 Hirsch CH, et al. The natural history of functional morbidity in hospitalized older patients. J Am Geriatr Soc 1990;38:1296-303.

 Benbassaf J, Taragin M, Hospital readmissions as a measure of quality of health care advantages and limitations. Arch Intern Med

ACUTE CARE & GERIATRICS

- References
 7. Sager MA, et al. Hospital admission risk profile (HARP): identifying older patients at risk of developing new disabilities during hospitalization. J Am Geriatr Soc 1996;44:251-7.

 8. Creditor, MC. Hazards of Hospitalization in the Elderly. Ann Intern Med 1993;118:219-223.
- Sager MA, et al. Hospital admission risk profile (HARP): identifying older patients at risk of developing new disabilities during hospitalization. J Am Geriatr Soc 1996;44:251-7.

- Geriatr Soc 1996,44:251-7.

 10. Allen C, Glasziou P, Del Mar C. Bed rest: a potentially harmful treatment needing more careful evaluation. Lancet 1999;354:1229-33.

 11. Classen DC, et al. Adverse drug events in hospitalized patients. Excess length of stay, extra costs, and attributable mortality. JAMA 1997;277:301-6.

 12. Bates DW, et al. The costs of adverse drug events in hospitalized patients. Adverse Drug Events Prevention Study Group. JAMA 1997;277:307-11.

 13. Lazarou J, Pomeranz BH, Corey PN. Incidence of adverse drug reactions in hospitalized patients: a meta-analysis of prospective studies. JAMA 1998;279:1200-5.

ACUTE CARE & GERIATRICS

- 14. Sullivan DH, Walls RC, Lipschitz DA. Protein-energy undernutrition and the risk of mortality within 1 y of hospital discharge in a select population of geriatric rehabilitation patients. Am J Clin Nutr 1991;52:599-605. Constans T. Protein-energy mainutrition in elderly medical patients. J Am Geriatr Soc 1992;40:263-8.
- 1992;40:263-8.
 15. Sier H, Ouslander J, Orzeck S. Urinary incontinence among geriatric patients in an acute care hospital. JAMA 1987;257:1767-74.
 16. Allman RM, et al. Pressure sores among hospitalized patients. Ann Intern Med 1986;105: 337-42.

- 1986;105: 337-42.

 17. Whittington K, Patrick M, Roberts JL. A national study of pressure uicer prevalence and incidence in acute care hospitals. J Wound Ostomy Continence Nurs 2000;27:209-15

 18. Podrazic PM, Whelan CT. Acute Hospital Care for the Elderly Patient: Its Impact on Clinical and Hospital Systems of Care. Med Clin N Am 92 (2008) 387-406.

 19. Manocchia JM, Weeks JC, Cleary PD. What do patients value in their hospital care? An empirical perspective on autonomy centered bloethics. J Med Ethics 2003;29: 103-108.

 20. Gienna S. Time to put patients first. Health Leaders Med. (Cited 04.40-40).
- 20._Gienna S. Time to put patients first. Health Leaders Mag. (Cited 04.19.10)

ACUTE CARE & GERIATRICS

- References
- 21. Lopez L, Hicks LS, Cohen AP et al. Hospitalists and the Quality of Care in Hospitals. Arch Intern Med 2009;169(15):1389-1394.

 22. Kui YF, Goodwin JS. Association of Hospitalist Care with Medical Utilization After Discharge: Evidene of Cost Shift from a Cohort Study. Ann Intern Med 2011;155: 152-159.

 23. Sennour Y, Counsell SR, Jones J, Weiner M. Development and Implementation of a Proactive Geriatrics Consultation Model in collaboration with Hospitalists. JAGS 2009;57:2139-2145.

 24. Arbaje AI, Maron DD, Yu Q, et al. The Geriatric Floating Interdisciplinary Transition Team. JAGS 2010;58:364-370.

ACUTE CARE & GERIATRICS	
Belinda Setters, MD, MS Director, Hospital Services	
502-852-2796 belinda.setters@louisville.edu	