Level III Geriatric ED Accreditation Bootcamp ACCREDITED ACCRED



1:30 - 3:30 PM EST

HOSTED BY



IN COLLABORATION WITH





January 29, 2024 (1:30-3:30 pm EST)	Topic	Presenter(s)
1:30 - 1:40 (10 mins)	Welcome & Introductions	GEDC / TN Sites
1:40 - 1:45 (5 mins)	Age-Friendly Package	Alycia Cleinman (CHI Memorial)
1:45 - 2:05 (20 mins)	GEDC Intro Why Geriatric EDs? The 5 M's of Geriatric Care	Kevin Biese
2:05-2:30 (25 mins)	Case Studies & Connecting them to Geriatric ED Guidelines	Don Melady (Moderator)
2:30 - 2:35 (5 mins)	Break	
2:35 - 3:05 (30 mins)	 3 Required Care Processes Fourth Care process 	GEDC & TN Sites
3:05-3:20 (15 mins)	Wrap-up & GEDC resources	GEDC
3:20-3:30 (10 mins)	GEDA Application Questions	GEDA

Bootcamp Facilitators



Kevin Biese MD, MAT (Co-PI) University of North Carolina



Don Melady, MD, MSc(Ed)
Emergency Physician
Mount Sinai Hospital
Toronto, Canada



Aaron Malsch RN, MSN, CGNS-BC Advocate Aurora Health



Laura StablerMPH
Program Director GEDC



Alex Ostberg
MPH
Program Manager GEDC



Conor Sullivan BS Program Manager GEDC



Heather Wojtarowicz
BS, BA
Communication Specialist GEDC

Welcome Tennessee Geri ED Teams



CHI Memorial







EMERGENCY DEPARTMENT OLDER ADULTS SERVED

Annually in the ED



TEAM MEMBERS

Christopher McArdle, DO Emergency Physician Rebecca Taylor RN ED Nursing Director Deann Champion, MD ED Medical Director



UNIQUE ASPECT of CHI Memorial Hospital

Newly implemented stroke program with interventional capabilities



Indian Path







EMERGENCY DEPARTMENT

OLDER ADULTS SERVED

Annually in the ED



TEAM MEMBERS

- Lauren Py, MD Medical director/Chair ED
- Melissa Williams, RN Nurse manager
- Rebecca Mullins, RN Case manager
- Jordan Harrington, MHA, MS-HI Associate administrator
- Diamond Smith Program Manager



UNIQUE ASPECT of Indian Path Community Hospital

• The IPCH campus is home to several unique services in the region including a Center for Healthy Aging, Post-Covid Clinic, and a Sensory Motor Gym uniquely designed for pediatric rehab. In addition, IPCH has the largest Cancer Center in the tri-cities and across Ballad Health. IPCH is also one of three hospitals in the region with a dedicated pediatric Emergency Room.



The Age-Friendly Health Care Package for Improved Care of Older Adults is an initiative of:





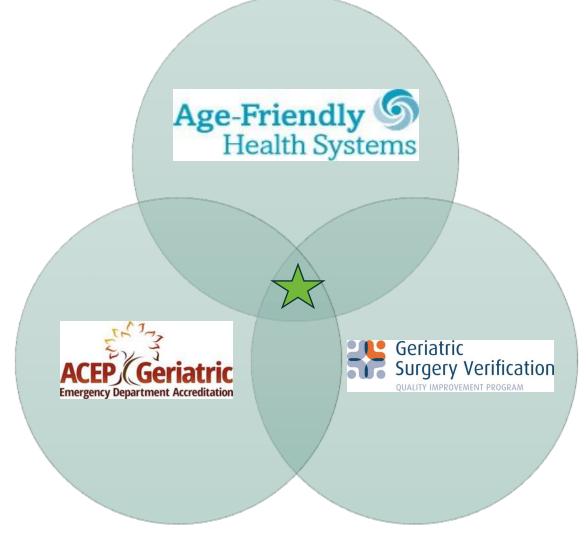






An Age-Friendly Health Care Package

Concurrent adoption of the three evidence-informed programs to address three places older adults are served in the hospital: **Emergency Departments**; Surgery; Inpatient Wards.







ged**collaborative**.com

Mission & Vision

A world where all emergency departments provide the highest quality of care for older patients.

We transform and evaluate interdisciplinary best practice in geriatric emergency medicine, and then build and distribute practical, evidence-based clinical curriculum and quality improvement tools that support sustainable, quality care for older adults.

Membership

GEDC Members work together to transform ED care of older adults; catalyze action at local and national levels to support these care transformations; and evaluate the impact of these new models of care for older people.

- Make your plan to become a GED
- Access to GEDC Community
- Participate in consulting services
- Access to education tools
- Implementation tools and training
- Evaluation resources



Join the GEDC

Generously supported by







Geriatric EDs are Expanding Along with GEDC Membership

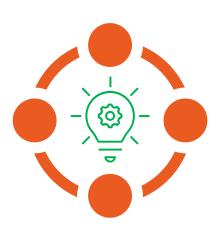


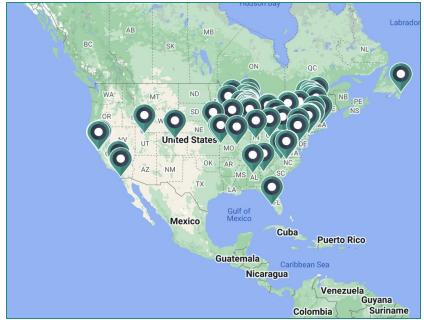












472 GEDA EDs

100 GED Member Sites 13 Participating Health Care Systems





Geriatric EDs:The Why?

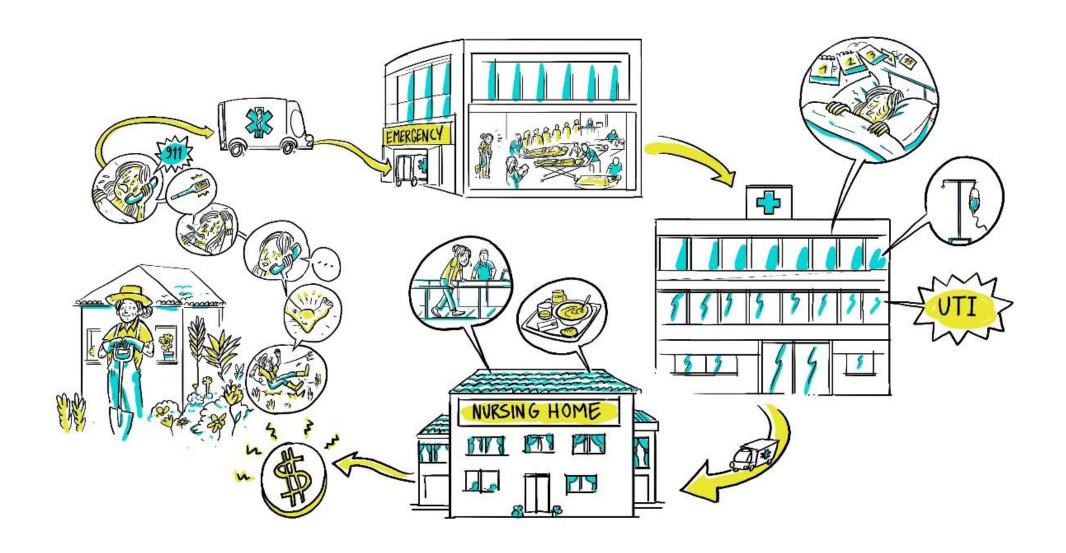
Kevin Biese MD, MAT



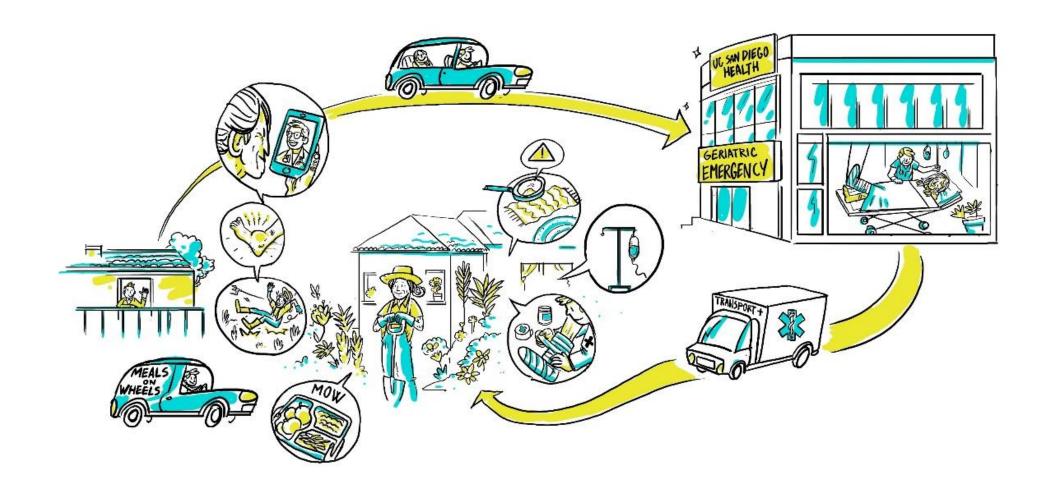
Geriatric Emergency Department Collaborative Implementation PI

Chair, Geriatric Emergency Department Accreditation



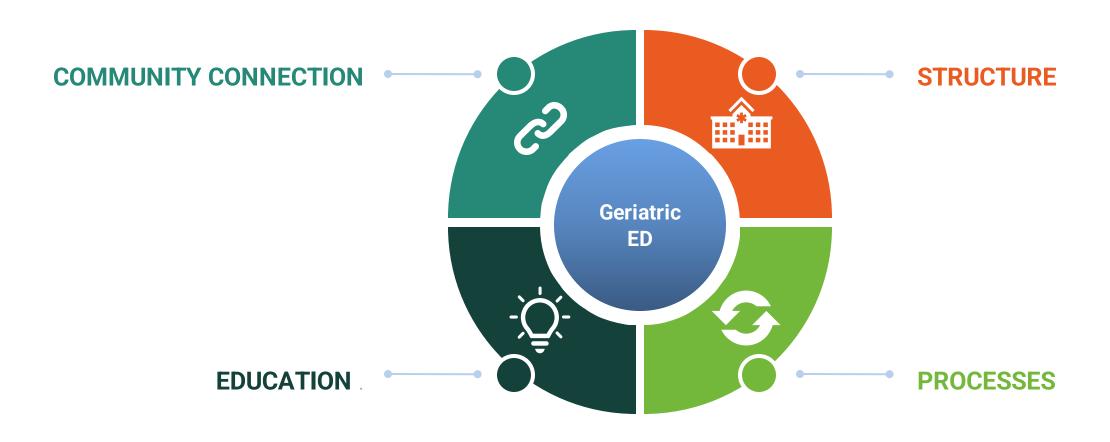








FOUR COMPONENTS OF GEDs







WHY GEDs?



Lower return visits

Recent data affirms that readmissions, as well as returns to the emergency department for high-risk populations are lower in communities with GEDs.



Greater market share GEDs enable health systems demonstrate their commitment to excellent care to the community, while also allowing emergency departments to better manage existing patients to create space for patients needing a high level of care.



Improved patient experience

According to emerging research, older adult patients who receive comprehensive geriatric assessment and enhanced transition of care services report higher patient satisfaction.



Better census management

Studies demonstrate that hospitals with GEDs have up to 16% fewer hospital admissions and a decreased inpatient length-of-stay for admitted older patients.

Higher staff morale

GEDs help staff know that they are doing an excellent job carring for their patients.



A new library of literature supports **Geriatric EDs** as a solution

Health Affairs

REALTH AFFAIRS BLOG DUFFUSION OF INNOVATION

The Journey Of Geriatric Emergency Medicine: Acceleration, Diffusion, And Collaboration As Keys To Continued Growth

Kelly Rú. Adriane Lesser, Kerm Blese, Ula Heang, Christopher Carpenter



A Profile of Acute Care in an Aging America: Snowball Sample Identification and Characterization of United States Geriatric Emergency Departments in 2013

Teresita M. Hogan, MD, Tolulope Oyeyemi Olade, and Christopher R. Carpenter, MD, MSc

BOLICY STATEMENT Geriatric Emergency Department Guidelines

and more of us live longer and healthier lives,

f the largest demographic shifts in US history.

now turn 65 every day. Innovations in healt

RELATED ARTICLE, P. el.

entatives from the American College of ncy Physicians. The American Geriatrics Society. ncy Nurses Association, and the Society for Academic

gency Nurses Association January 2014; and by the Society cademic Emergency Medicine October 2013

NTRODUCTION

According to the 2010 Census, more than 40 million Americans were over the age of 65, which was "more people than in any previous census." In addition, "between 2000 and 2010, the population 65 years and over increased at a faster rate than the total U.S. population." The census data also demonstrated the total U.S. population. The census data also demonstrated that the population 83 and doler is growing at a rate almost three times the general population. The subsequent increased need for health care for this burgooning gratier population represents an unprecedented and overwhelming challenge to the American health care system as whole and to emergency deputaments (EDs) specifically. ^{1,4} Geriatric EDs began appearing in the United States in 2008 and have become increasingly common

United States in 2008 and lave become increasingly common. The ED is uniquely positioned to play a role in improving care to the gritarite population. As an ever-increasing access point for medical care, the ED six as a constroads between inpatient and outpatient care (Figure 1). Specifically, the ED represents 57% of hospital admissions in the United States, of which almost 70% receive a non-surgical diagnosis. The expertise which an ED staff can bring to an encounter with a geriatric patient can meaningfully impact not only a patient's condition, but can also impact the decision to utilize relatively expensive inpatient modalities, or less expensive outpatient

Furthermore, as the initial site of care for both inputient and outputient events, the care provided in the ED has the

Volume 63, NO. 5 : May 2014

represent 43% of admissions, including 48% admitted to the intensive care unit (ICU), ^{15,16} On average, the geriatric patient has an ED length of stay that is 20% longer and they use 50% more lab/imaging services than younger populations.

5.18 In addition, geriatric ED patients are 400% more likely to require social services. Despite the focus on geriatric acute care in the ED manifest by disproportionate use of resources, these patients frequently leave the ED dissatisfied and optimal outcomes are

contemporary emergency medicine management model may not be adequate for geriatric adults. A number of challenges face be adequate for geratire, adults. "A number of challenges tace emergency medicine to effectively and reliably improve post-ED geriatric adult outcomes." Multiple studies demonstrate emergency physicians' perceptions about inadequate geriatric emergency care model training. "3"3" Many common geriatric ED problems remain under-researched leaving uncertainty in optimal management strategies. 24:26 In addition, quality indicators for minimal standard geriatric ED care continue to evolve. 27 Older adults with multiple medical co-morbidities, often multiple

have improved care both in individual EDs and system-wide resulting in better, more cost effective care and ultimately better

GERIATRIC ED-PURPOSE

Purpose
The purpose of these Geriatric Emergency Department measures. When implemented collectively, a geriatric ED car expect to see improvements in patient care, customer service, a staff satisfaction. 7.11 Improved attention to the needs of this ouguistes creus, the care productd in the ID has the opportunity to "the target for undergoart care product. After accurate flagorate and improve the reports are measured. After accurate flagorate and improve the reports are measured to the control flagorate and improve the reports are measured. After a control flagorate and improve the reports are measured to the control flagorate and improve the report and the resultant interacted length of say and operate the control flagorate and improve the report interaction and the resultant interacted length of say and operate interactions.

Annals of Emergency Medicine e

IODELS OF GERIATRIC CARE, QUALITY IMPROVEMENT AND PROGRAM DISSEMINATION

A Geriatric Emergency Service for Acutely Ill Elderly Patients: Pattern of Use and Comparison with a Conventional Emergency Department in Italy

Fabio Salvi, MD, * Valeria Morichi, MD, * Annalisa Grilli, MD, * Raffaella Giorgi, MD, † Liana Spazzafumo, MD, † Stefano Polonara, MD, † Gliuseppe De Tommaso, MD, Alessandro Rappelli, MD, * and Paolo Dessf-Fulgheri, MD *

The current disease-oriented, episodic model of emergency care does not adequately address the complex needs of older adults presenting to emergency departments (EDs). Dedicated ED facilities with a specific organization (e.g., geriatric EDs (GEDs)) have been advocated, One of the few experiences in the world is described and its outcomes and resperiences in the world is described and its outcomes compared with those of a conventional ED (CED). In a secondary analysis of a prospective observational cohort of 600 acutely ill elderly patients presenting to two urban EDs in Ancona, Italy, identifiers and triage, clinical, and social were collected and the following outcomes considered: rly (30-day) and late (6-month) FD revisit, frequent FD ity (30-day) and late (6-month) ED revist, frequent ED rum, hospital admission, and functional decline. Death, actional decline, any ED revisit and any hospital admission were also considered as a composite outcome. Odds ios and 95% confidence intervals (CIs) were calculated, external, GED patients were older and frailer than CED tients. The two EDs did not differ in terms of early, late,

Elderly people are an ever-increasing population in over-crowded emergency departments (EDs). Their com-plex medical and social needs require more time and resources than those of younger adults. ¹² Older adults are resources than those of younger adults. "Odder adults are frequently admitted." and when discharged from the ED face adverse health outcomes such as ED return, hospitalization, functional decline, and death,...^{24,27} It is widely agreed that the current disease-oriented, episodic model of emergency care does not adequately address the complex needs of older patients." The aim of EDs is to provide acute intervention and timely health care to all

patients with emergent or urgent problems. When a med-ically complex older person with reduced mobility, impaired memory, or poor social support presents to the ED, the system experiences crisis, slows down, and becomes in-

QUALITY IMPROVEMENT, AND PROGRAM DISSEMINATION

Association Between Physical Therapy in the Emergency Department and Emergency Department Revisits for Older Adult Fallers: A Nationally Representative Analysis

Adreson Lovier, MS, Julio Joses, MS, Toley Konz, and Kolly J. Ko., Phills

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Academic Emergency Medicine

Christopher R. Carpenter, M.O., Milor¹, Maniph Brominy, IRV, Affrey M. Carpero, M.O., MPH. Audiny Chun, M.D. Lowell W. Gernoc, Ph.D. Jason Generapan, M.D. Lib Heng, M.C. David P. Jann, M.D. Hillam L. Lyon, M.D. Timothy F. Pistra-Mills, M.D. Milor. Bley Mortaners, R.P. Luni Raginder, M.D. Lamber, M.D. Harber, M.D. Harber, D.D. Mills, Scart F. Willer, M.D. Milly for the ACEP Geniance Energency Medicine Section, American Generation Society, Energency Fusion Association, and SASIM Academy of Carlottic Energency Medicine Section, American General Section, American General Section, American General Section, American General Section, Section Section Section, American General Section, American General Section, Energency Medicine Section, American General Section, Amer

Optimal Older Adult Emergency Care: Introducing Multidisciplinary Geriatric Emergency Department Guidelines

From the American College of Emergency Physicians, American

Geriatrics Society, Emergency Nurses Association, and Society for

SEE RELATED ARTICLE, P. e5.

Geriatric Emergency Department Innovations: Transitional Care Nurses and Hospital Use

Ule Huang, MD, MFH, ** Scott M.Dreakin, MD, MS,* Mark S, Rosenberg, Malaus M, Garrido, FhD,**© George Lou, MPA, MPH, DrFn,* Jeroney Soc, Granewor, MBA,* D, Mark Courtney, MD,* Raymend Kang, MA,** Carolyn Vargan Yornes, MA, * Cirota R. Gredism, MD, MSHS," and Lyone D. Richa

The Geriatric Emergency Department

Ula Hwang, MD, MPH,*† and R. Sean Morrison, MD†

With the aging of the population and the demographic shift of older adults in the healthcare system, the emergency de-partment (ED) with be increasingly challenged with com-paration (ED) with be increasingly challenged with com-care needs of older adults unfortunately may not be aligned with the priorities from her ED physical design and care is rendered. Explot trage and diagnosis may be impossible in the older pattern with multiple comordabiles, polyphare the older pattern with multiple comordabiles, polyphare presents with multiple comordabiles, polyphare presents with multiple comordabiles, polyphare presents with multiple dispuss of polyphare of con-presents with multiple comordabiles, polyphare ventions, varicural and process of care medifications ad-ditional companies of the companies of the companies of the ventions, varicural and process of care medifications ad-ditional companies of the companies of the companies of the multiple companies of the companies of the companies of the multiple companies of the companies of the companies of the multiple companies of the companies of th ressing the special care needs of older patients, may help to ddress these challenges. J Am Geriatr Soc 55:1873–1876,

For most of the 20th century, the growth of the population aged 65 and older has far outpaced other age turns, As a result of the first part of the first pa

ciaries will be aged 83 and older.¹
As the U.S. population continues to age, the healthcare system will need to face and embrace the challenges of caring for older adults. Care for elderly people is increasingly being sought in emergency departments (EDs), where older patients typically present with complex medical conditions, and longer for more extensive diagnostic testing and treateimens, and require special needs during their visit. The use of Geriatric Emergency Department Interventions

From the "Department of Emergency Medicine, "Brookdale Department of Geristrics and Adult Development, and ¹Lillian and Benjamin Herszlorg Pallazire Care Institute, Mount Sinai School of Medicine, New York, New York,

DOI: 10.1111/j.1532-5415.2007.01400.x

may help to address these challenges and thereby improve the quality of care of elderly people in the ED.

OLDER ADULTS AND THE ED

OLDER ADULTS AND THE ED
Although the aging propulation will all feet all areas of health
care, the ED is lakely to be disproportionately affected. In
visit to an ED, as compared to 39% of those of all ages, and
ED use increased with increasing age. Once in the ED,
debt patients are nor fieldy to have an energent or argue
to a compared to 39% of those of all ages, and
ED use increased with increasing age. Once in the ED,
debt patients are nor fieldy to have an energent or argue
time in the ED, and have higher charges for their ED services than yrounger patients.

The ED is a unique environment where highly specialized care is delivered to the acutely ill and injured and safety net care is provided to disenfranchised and vulnerable popula ions. Although studies have begun to demonstrate dispar diseases or conditions⁶ and have not looked specifically at how ED care and environmental factors may be associated with patient outcomes. Nonetheless, there are indications that the current model of ED care may not be meeting the needs of older adults. After an ED visit, older adults are at greater risk for modelact complications, functional decline, and power health related quality of life than they were before, ²³ Up to 27% of older adults deshraped home from the ED experience revisit, hospitalization, or death within 3 tieness discharged from a time revise Parevised Battern to the contract of the CD and the C with patient outcomes. Nonetheless, there are indication

The special care needs of older adults unfortunatery are not aligned with the priorities of how ED physical space is designed and how ED care is rendered. Space is planned with the intent of quick patient evaluation and turnover; the physical layout of a traditional ED is focused on maximal use of resources. Privacy is forsaken at the expense of im proving throughput so that curtains rather than walls serve as barriers between beds in an open-spaced ED, allowing for greater staff maneuverability and placement of multiple patients in shared bays during periods of crowding. Giver

Best TCN on

described as the description

CONCLUSION: Years

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Clinics in Geriatric Medicine



CARE FOR THE OLDER ADULT IN THE EMERGENCY DEPARTMENT

> MICHAEL L. MALONE KEVIN BIESE

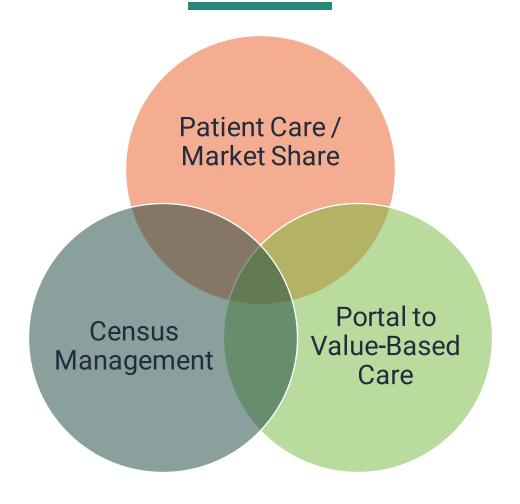
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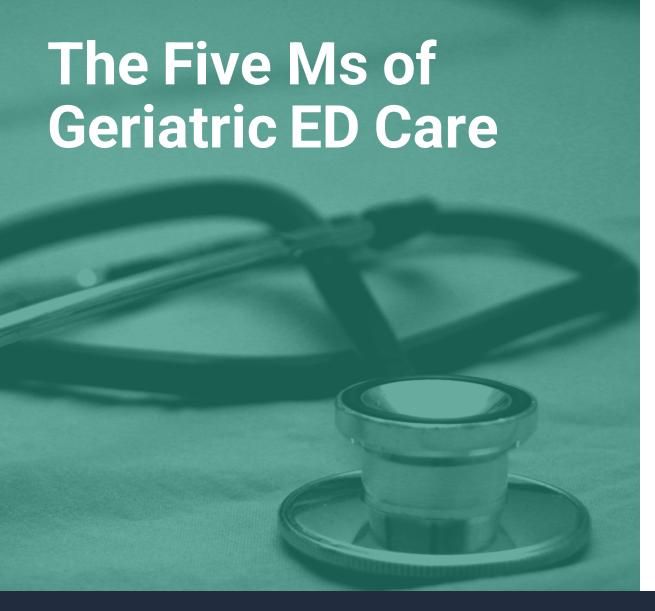
August 2018



HEALTHCARE SYSTEM GED Return on Investment







- 1 Mobility
- **Mentation**
- **Medication**
- 4 Elder <u>Mistreatment</u>
- 5 What Matters

https://www.healthinaging.org/sites/default/files/media/pdf/HIA-TipSheet%20Geriatric%205Ms.July20_0.pdf





Clinical Pearl

How many falls have you had in the last three months?

- Falls are not an event, they are a syndrome
- How do we help you keep from falling after you leave the ED (and hospital)?
 - Medication reconciliation
 - Community Paramedicine
 - Physical therapy consults
- Screening Test: Timed Get Up and Go Test



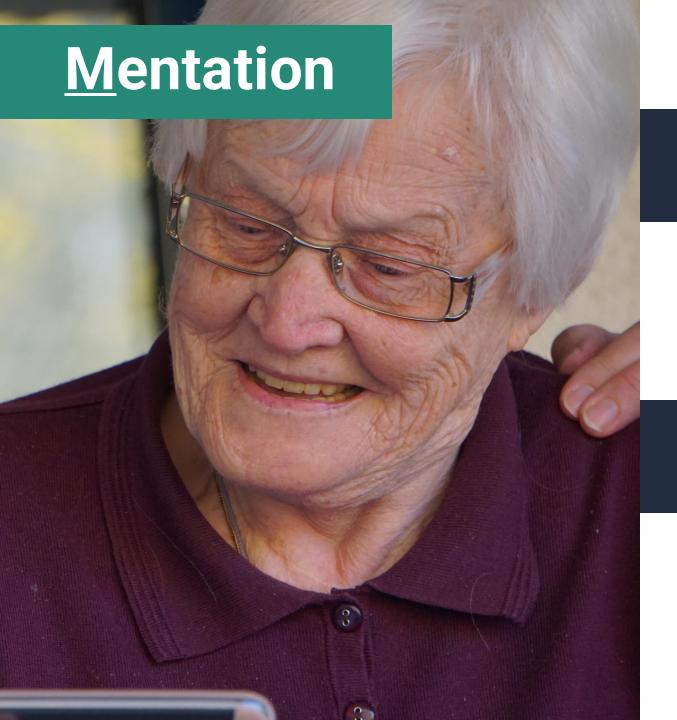


Mobility Part Two: Geriatric Trauma

Older adults break easily.

- Falls are the number one reason for trauma admissions in the US
- Shock index; retrospective study National Trauma Data Bank (NTDB)
 - HR/ SBP ≥ 1 = OR 3.1 death
 - Increased blood products, ex lap
- Age adjusted hypotension definition
 - Retrospective from NTDB if SBP <110 better than SBP<90 for needing trauma center care
 - Sensitivity 5 to 13%
 - Specificity 99 to 93%
 - **Screening Tool:** Silver alert





Delirium

Clinical PearlDelirium is the vital sign of older adults.

- Delirium is a change from baseline with inattention
- Picture of sleeping older adult
- Screening Tool: BCAM or 4 AT

Dementia

Clinical Pearl

Family and caregivers are your friends.

- · Don't make them delirius
- · Care transitions are key
- Referral for definitive diagnosis
- Screening tool: Mini Cog



Medication

Clinical Pearl

First think drugs. Are you taking any new medications?



Elder <u>M</u>istreatment

Clinical PearlWe miss it all the time.



what Matters







Case Studies









Case Studies

- What challenges would you have when managing this patient in your ED?
- Name 3 care processes you could implement in your ED to improve the care of this person.

Mrs. Cado

Challenges

- Fall risk assessment / prevention at home
- Evaluating the home environment
- Integrating case manager can be difficult
- Unclear medications
- Possible Dementia

Care processes

- Timed Up and Go Test
- Involve an at home assessment
- Improve communication with PCP
- Pharmacy consult / medication reconciliation
- Standardized clinical screening for dementia identification



Mrs. Schwach

Challenges

- Understanding baseline is difficult
- Unclear medications, cognition, PMH
- Is the catheter necessary? Is there retention?
- Has not eaten for hours
- Incomplete communication between providers and daughter
- Missing keys and light headed at discharge

Care processes

- Catheter placement
- Minimize NPO status
- Medication review
- Streamline & Document communication
- Delirium screening
- Safe mobilization strategies



5-minute Break



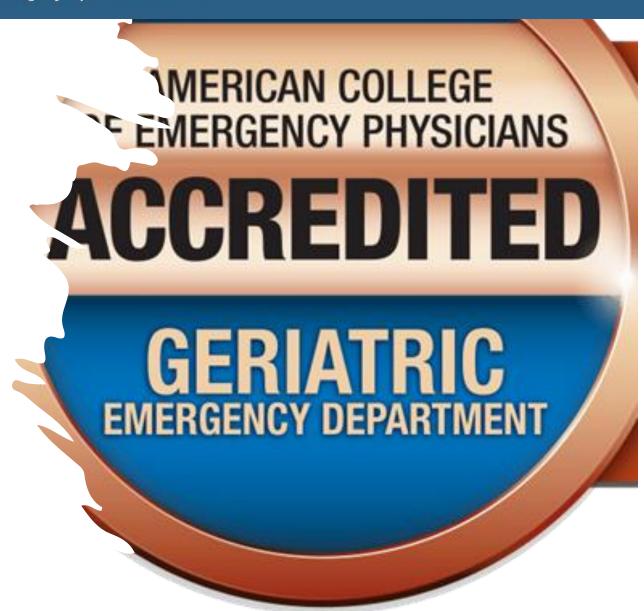




Level III

Good geriatric ED care

- At least one MD and one RN champion
- Evidence of geriatric-focused education (4 hours)
- Evidence of four geriatric focused care initiatives and adherence plan
 - Three Baseline Processes
 - One care process of your choice from pick list
- Mobility Aids
- Free food & drink 24/7



Overview of GEDA Baseline Care Processes

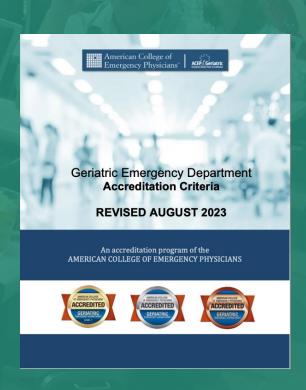
3 GED Care Processes Required for all Programs

Basic processes for all geriatric EDs

A1: Minimize Urinary Catheters

A2: Minimize NPO status

A3: Minimize Physical Restraints



Care Process A1: Minimize Urinary Catheters

Key Components

- Only for clear indications
- Method of ensuring/verifying indications
- Chart review of subset of catheters monthly

Best Practices

- EHR order with a menu of indications
- Nurse confirmation that meets pre-specified indication (of course, exceptions exist)
- 10 Foley placements are reviewed per month to ensure indication is recorded



Care Process A2: Minimize NPO status

Key Components

- Older patients can starve in our departments!
- Food is essential to patients and their caregivers
- Do something proactive to ensure your department can follow this care process.

Best Practices

- Change policy: consider a default "feed older people unless specifically indicated"
- Make sure appropriate food is easily available.
- Make food available to essential care partners
- Add education about feeding older people



Care Process: A3: Minimize Physical Restraints

Key Components

- Geriatric Specific, not stock policy!
- Describe alternatives
 - De-escalation, Distraction, Non-pharm
 - Promote Sitters
- Describe roles RN, MD, CM
 - Who, what, when, and then what

Best Practices

- Build upon existing policy with Geriatric ED Specific focus
- Assess staff needs for implementation
- Metrics with process & outcome metrics.

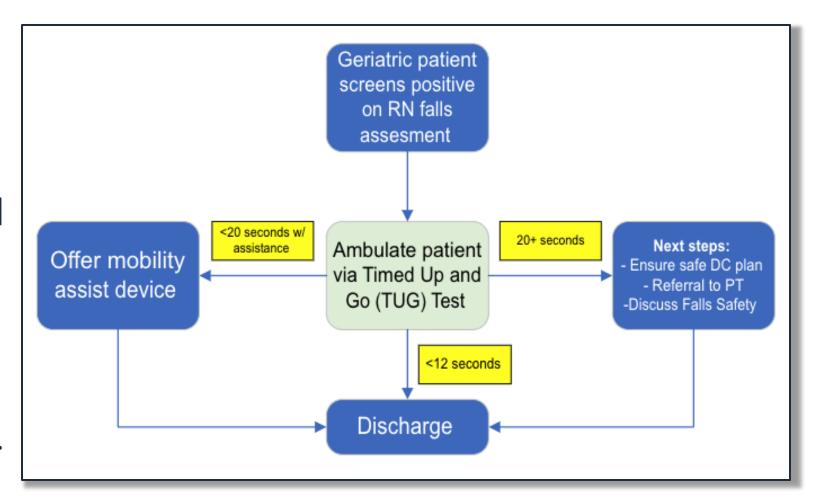


CHI Memorial: Fall Prevention

Objective: Identify and intervene with older adults at risk for falls.

When: The Timed Up and Go Test will occur prior to discharge.

ED Staff Involved:Bedside RN and clinician.



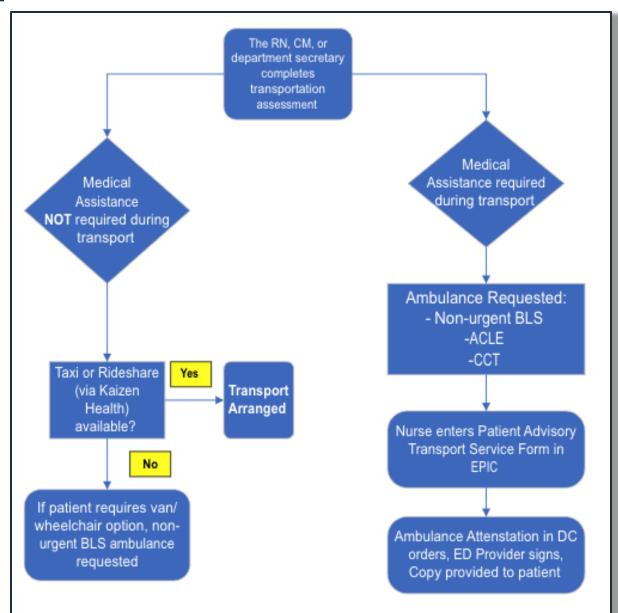


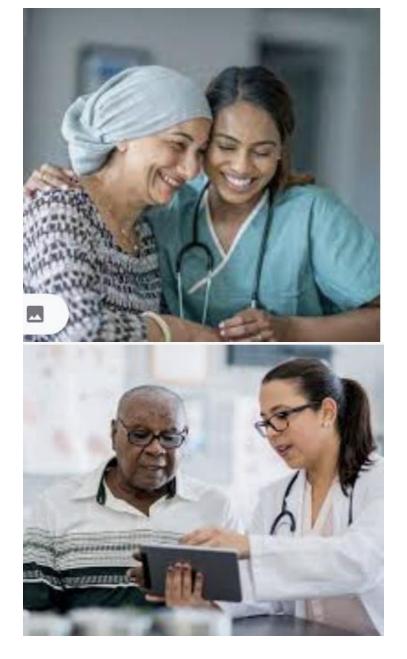
Indian Path: Transportation Protocol

Objective: Provide safe transportation options for all geriatric patients.

When: Applicable at the time of discharge. Implemented and available 24/7.

ED Staff Involved: RN, Case Manager, Department Secretary, Nurse, and Physician





Geriatric EDs: Implementation Pearls





Aaron's Tips



Don's Tips



Kevin's Tips

2 Way Feedback

Align GED with ED goals

Geriatric Focus both in the ED and beyond (transitions)

Continuous Improvement Enhance your hospital's reputation in the community, including increased philanthropic interest.

Geriatric EDs impact recruitment and retention.

Share at least one positive outcome or patient story per month.

Use tools that the front-line staff chooses.



OUR RESOURCES



Scan to view GEDC website

Coming Soon: TN Landing Page www.gedcollaborative.com/TN/

01

Implementation Toolkits

Topics: Falls & Mobility, Dementia Implementation, Delirium Management, Elder Mistreatment

02

Geri-EM.com online learning

Free courses which offer CPD, CME, and CNE credits

03

GEMCAST Podcast

Conversations with leading experts and researchers on clinical topics relevant to geriatric care

04

On-Demand Webinars

Immediate access to recorded webinars with related resources and key learning points attached

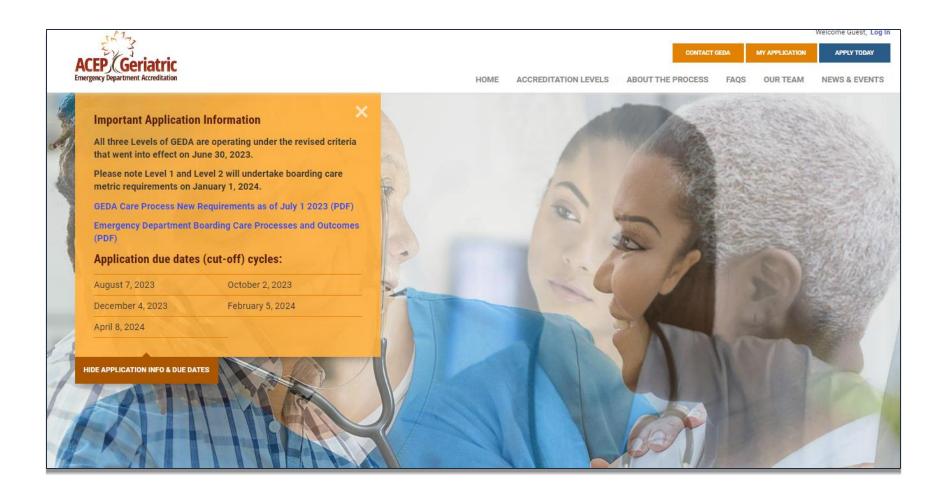
05

Resource Library & JGEM Articles

Categorized resources which includes access to peer reviewed, open access Journal of Geriatric Emergency Medicine articles



GEDA Application questions?







Certificate of Training

Awarded to

Bootcamp Participate

for Geriatric Emergency Medicine Education



Geri ED Bootcamp (2.0 hrs.)

January 29, 2024

Event

Date

THANK YOU!



