

00:28:27 Conor Sullivan: If you share our vision, your ED can join us, currently for free. Check out GEDCOLLABORATIVE.com

Follow us: @theGEDC.

Additionally, please review the GEDC Membership Criteria and Application.

<https://gedcollaborative.com/partnership/>

00:28:54 Conor Sullivan: The GEDC is generously supported by the John A. Hartford Foundation and the Gary and Mary West Foundation. Thank you!

The John A. Hartford Foundation

<https://www.johnahartford.org/>

Follow us: @johnahartford

The 4Ms framework and Joining the Age Friendly Health System group

<http://www.ihl.org/Engage/Initiatives/Age-Friendly-Health-Systems/Pages/default.aspx>

00:29:29 Heather Mae Wojtarowicz: If you share our vision, your ED can join us, currently for free. Check out GEDCOLLABORATIVE.com

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00:29:31 Conor Sullivan: West health Resources Page

<https://www.westhealth.org/>

Follow us: @WestHealth

West's specific work around GEDs here: <https://www.westhealth.org/geriatric-emergency-care/>

00:30:02 Ula Hwang: New Haven, CT

00:30:05 Conor Sullivan: Today's webinar moderated by:

Don Melady, MD, MSc(Ed)

Emergency Physician

Mount Sinai Hospital, Toronto, Canada

GEDC Faculty

Follow me: @geri_EM

- 00:30:17 Conor Sullivan: Please set your chat to "Everyone" so we can all see your comments and questions. Thanks!
- Add comments and questions for our panelists into the CHAT.
- 00:30:21 Simon Conroy: Nice, France - teaching geriatricians about frailty :)
- 00:33:20 Arthur Doran: Good Evening
- 00:33:22 Sarah Connelly: Calling in from Toronto, Canada - GEM RN at Mt. Sinai Hospital. I get to work with Dr. Melady!
- 00:33:44 Jonathan Zammit: Malta. Good evening
- 00:33:46 Conor Sullivan: Today's webinar is being recorded and a link to the recording and the slides and the chat and the resources will be on the website later this week.
- 00:33:48 Mohamed A Elokl: Consultant in Acute Frailty , St Helier Hospital , South West London
- 00:33:54 Anna Björg Jónsdóttir: I am from Reykjavik Iceland. I am the chief of geriatric service at the University Hospital.
- 00:33:56 Deb Tomasino: Research Associate at Yale in New Haven, CT, US.
- 00:33:59 Jessica Fleischer-Black: Jessica Fleischer-Black. Mount Sinai Beth Israel. NYC. GED Medical Director
- 00:34:02 Cameron Jones: Cameron Jones NP@Niagara Health
- 00:34:02 Todd James: UC San Francisco, California, geriatrician
- 00:34:10 David Ekermo: Sweden, Linköping. ER nurse.
- 00:34:12 Amie Isaac: Southlake Regional Health Centre, Newmarket. GEM RN
- 00:34:14 Tara Powell: Dr Powell. Geriatrician. Medicine Hat Alberta
- 00:34:31 Arthur Doran: Calling in from Dublin, Ireland. Working in Emergency Department frailty service as Nurse Practitioner
- 00:34:31 Christophe A Fehlmann: Geneva Switzerland, EM senior physician, with research interest in frailty.
- 00:34:32 Ellen Danto-Nocton: Geriatrician in Milwaukee, WI
- 00:34:37 Savannah Forrester: Victoria, BC, emergency physician and previous GEM fellow
- 00:34:38 Ceri Battle: Wales, UK. Physiotherapist
- 00:34:41 Ting Pun: Palo Alto, CA. Patient partner, Stanford Healthcare

- 00:34:41 Simon Conroy: Nice, France - teaching geriatricians about frailty :)
- 00:34:43 Cheryl Brunk: Northern California, Health Systems Director, Alzheimer's Association
- 00:34:43 Thomas Dreher-Hummel: Thomas Dreher-Hummel, ANP, Basel Switzerland
- 00:34:44 Brittany Ellis: Brittany Ellis. Emerg Doc and GeriEM provincial lead. Saskatoon, SK, Canada
- 00:34:49 Teresita Hogan: Tess Hogan Chicago, IL
- 00:34:53 Susan Bower: Susan Bower, RN- Mayo Clinic Rochester, MN
- 00:34:54 Heidi Martin: Heidi Martin, Director of UAB Highlands Emergency Department, Level 1 Geriatric ER, Birmingham, Alabama
- 00:35:02 Christian Nickel: Christian Nickel, emergency physician in Basel, Switzerland
- 00:35:05 Alice Cusworth: South Yorkshire, UK - Occupational therapist
- 00:35:07 Santiago Castejón Hernández: I am Santiago Castejón, a Geriatrician working at Hospital de Terrassa (Barcelona, Spain). Interested in Frailty and Geriatric Emergency Medicine.
- 00:35:14 Deirdre Breslin: Dublin, Ireland. Geriatric EM fellow. Excited to be here!
- 00:35:18 Jane Carmody: Jane Carmody, The John A. Hartford Foundation. New York City. Love a GEDC webinar. thank you
- 00:35:22 Lauren Abbate: Lauren Abbate, VA Eastern Colorado Health Care System
- 00:35:23 Virginia Painter: Marrero, Louisiana RN ER Navigator
- 00:35:23 Katren Tyler: Katren Tyler, EM physician Sacramento California
- 00:35:26 Lauren Spinelli: Lauren Spinelli, Occupational Therapist in Toronto
- 00:35:28 martine sanon: Martine Sanon, Geriatrician, Acute care Mount Sinai Hospital NYC
- 00:35:33 Joan Michelle Moccia: Michelle Moccia DNP, Livonia, Michigan
- 00:35:33 Julie van Baardwijk: Geriatric fellow in Milwaukee, WI at Advocate Aurora (but originally from Toronto)
- 00:35:45 Christina Ostwald: Christina Ostwald Williamsville, New York
- 00:35:51 Jolie Crowder: Jolie Crowder, National Elder Program Coordinator, Indian Health Service
- 00:35:53 Stephen Meldon: Steve Meldon Emergency Medicine, Cleveland OH
- 00:35:56 Hidetake Yamanaka: Hidé Yamanaka, NP NLOT. Ottawa, Canada

- 00:36:00 özge can: Özge Can, Emergency physician in Izmir, Turkey
- 00:36:00 Kevin Corcoran: Kevin Corcoran GED Director Syracuse VA Medical Center Syracuse NY
- 00:36:14 Sean Heavey: Sean Heavey - Geri EM fellow, Sacramento CA
- 00:36:28 Isabel Sebjørnsen: Isabel Sebjørnsen, physician and researcher, Bergen, Norway
- 00:36:32 Michelle Kennedy: Michelle, Nursing Professional Development in Emergency Department Fort Wayne Indiana
- 00:36:35 Nancy Stynchula: UPMC - Pittsburgh PA - USA - RN Emergency Department-Education
- 00:36:36 Luca Ünlü: Luca Uenlue, Medical Student from Germany
- 00:36:40 Adam Perry: Home Based Acute Care. Naples, FL
- 00:36:52 Ondine Boulter: Ondine Boulter, San Francisco Bay Area, CA, Health Systems Director, Alzheimer's Association
- 00:36:56 Kieron Connolly: Kieron Connolly , Senior Physiotherapist, Dublin, Ireland
- 00:36:59 Kellie Brendle: Kellie Brendle, Geriatric CNS. Sacramento CA
- 00:37:09 Petal Samuel: Petal Samuel APN, Toronto
- 00:37:11 Dyan Hagy: ED Social Worker Cleveland, OH Veterans Administration, Level 1 Geriatrics
- 00:37:16 Jacob Varney: Jacob Varney, Hospice / Palliative care physician & Internal Medicine hospitalist, Springfield, IL
- 00:37:22 Samia Munir Ehrlington: Samia Munir Ehrlington, ED physician, Linköping, Sweden
- 00:37:45 Cecilia Anthonysamy: Cecilia , Emergency Physician , Malaysia
- 00:37:47 Anja Hermann: Anja Hermann, Deputy Director of Nursing and Health Allied Professionals, University Hospital, Basel, Switzerland
- 00:37:48 Sasha Binford: Sasha Binford, Geriatrics CNS at UCSF Health
- 00:37:56 Jill Strachan: Joining today from Barrie Ontario, Canada. Registered Nurse working in Specialized Geriatric Services . Currently working on capacity building/mentoring GEM RN positions in our region .
- 00:38:10 Heather Mae Wojtarowicz: Clinical Frailty Scale
<https://www.dal.ca/sites/gmr/our-tools/clinical-frailty-scale.html>
- 00:38:21 Michelle Simpson: Michelle Simpson, PhD, RN, Milwaukee Wisconsin

- 00:39:29 Heather Mae Wojtarowicz: More on the Clinical Frailty Scale from NHS Specialised Clinical Frailty Network:
<https://www.scfn.org.uk/clinical-frailty-scale>
- 00:40:21 Anabelen Vena: Ana Vena .Geriatrician (MD and PhD) of the Geriatric Emergency Departament .Hospital universitario Arnau de Vilanova (Lleida).Spain
- 00:40:38 Kara Mc loughlin: Kara Mcloughlin OT, Dublin Ireland
- 00:40:42 Heather Wojtarowicz, GEDC: Again, the Clinical Frailty Scale
<https://www.dal.ca/sites/gmr/our-tools/clinical-frailty-scale.html>
- 00:41:02 carol lyons: Nurse practitioner in Dublin Ireland , falls and frailty
- 00:41:09 paula williams: Paula Williams, Health Systems Director, Alzheimer's Association, Charlotte, NC
- 00:41:25 Orla Sheil: Orla Sheil OT, Galway Ireland
- 00:42:16 Danielle Carolan: Danielle Carolan ED CNM Co Louth Ireland
- 00:42:26 Emily Weaver: Emily Weaver, West Health Institute, San Diego, CA
- 00:42:50 Carrie Heer: Carrie Heer, Nurse Practitioner Emergency Department/Nurse Led Outreach Team (NLOT), Brantford, Ontario
- 00:43:44 Jennifer Koop: Jen Koop, Advanced Practice Nurse in Geriatrics (Dementia Behavioural Support Team and Geriatric Medicine Consult Team) at The Ottawa Hospital
- 00:45:05 Heather Wojtarowicz, GEDC: Top Tips to help you use the Clinical Frailty Scale:
<https://www.scfn.org.uk/clinical-frailty-scale>
- 00:45:09 Ula Hwang: **Rockwood key points:**
1. Frailty is when people accumulate deficits that manifest from aging
 2. Frailty is constitutently linked to aging: whenever age is important, frailty will be too.
 3. Ages 75 and 90 are critical ages when we will see presentations associated with frailty in the ED (e.g., falls), worsening ability to function with independence
 4. To develop sensible care plan, it is important to know not just whether a person is frail, but to know how frail they are.
- 00:52:39 Joan Michelle Moccia: Those are important points Ula. Thank you. Also once we recognize frailty that it is important to have a discussion with the patient and their caregiver on advance care planning.

- 00:54:37 Ting Pun: What about temporary situation of elderly patient say going through cancer treatment?
- 00:58:00 Ula Hwang: Good question Ting, we will try to ask the question at the end about transient frailty.
- 00:58:04 Conor Sullivan: Aaron Malsch, RN, MS, GCNS-BC
Senior Service Program Manager
Advocate Aurora Health
Wisconsin
- 00:58:23 Ula Hwang: **Conroy key points:**
1. Acute frailty network leveraged 120 sites for QI improvement implementation.
 2. For Conroy, he finds frailty best concept to help categorize risk (mortality) and incorporate this into clinical decision making rather than just (ED) protocols
 3. Understand frailty of the patient to help design a treatment plan. Use frailty marker to guide discussion with patient what matters most and goals of care with ED visit, considerations of diagnostic testing, discussion with care partner.
- 00:58:52 Don Melady: Paula, please put your question into the Chat.
- 01:01:20 Joan Michelle Moccia: I have also read a percent change in weight in one year is also associated with frailty. $\text{Weight 1 year ago} - \text{current weight} / \text{weight 1 year ago}$. Percent change > 5 %
- 01:04:48 Heather Wojtarowicz, GEDC: Association of Geriatric Emergency Department post-discharge referral order and follow-up with healthcare utilization (Malsch)
<https://pubmed.ncbi.nlm.nih.gov/36455283/>
- 01:05:16 Joan Michelle Moccia: I agree with Aaron. The ISAR is more than a screening tool. The screen becomes a conversation with the older adults to find out about them besides their chief complaint.
- 01:07:00 Ula Hwang: **Aaron key points:**
1. If you don't have frailty scoring, engage with the topic by using PROXY information (e.g., parts of ISAR question and "do you need help on a regular basis?" "do you need more help than usual?") to inform future frailty specific implementation
 2. Weave concepts of frailty into your GED protocols: Falls, mobility, PT, dispo planning, neglect, etc.

3. Pull in interprofessional stakeholders to address frailty. Interventions and approaches by MD, RN, CM, PT, ST are often different but require cohesive comprehensive coordination.

- 01:07:56 Ula Hwang: Rockwood cautions: Proxy assessments for frailty may not capture degree of frailty
- 01:09:59 Heather Wojtarowicz, GEDC: Frailty affects the initial treatment response and time to recovery of mobility in acutely ill older adults admitted to hospital (Rockwood)
<https://pubmed.ncbi.nlm.nih.gov/28104595/>
- 01:10:56 Heather Wojtarowicz, GEDC: How older people move in bed when they are ill
Kenneth Rockwood MD
<https://www.bgs.org.uk/blog/how-older-people-move-in-bed-when-they-are-ill>
- 01:12:08 Heather Wojtarowicz, GEDC: Impact of frailty on persistent critical illness: a population-based cohort study (Rockwood)
<https://pubmed.ncbi.nlm.nih.gov/35119497/>
- 01:12:24 liz Moloney: Liz Moloney, Geriatrician, Cork, Ireland
- 01:12:57 Anna Björg Jónsdóttir: Thank you for this very interesting webinar. To Dr. Rockwood: can anyone use the CFS? Or do people need special training?
- 01:12:59 Ula Hwang: Think about Frailty as a measure of what the patient baseline is (well before the patient's ED illness presentation) not when they are in the ED). Use the baseline frailty of what the patient normally is before they became acutely ill to guide ED clinical care decision making.
- 01:13:12 Mohamed A Elok: Is there any work comparing CFS with WHO performance status in People with frailty ?
- 01:14:14 Heather Wojtarowicz, GEDC: The Frailty Index
<https://www.dal.ca/sites/gmr/our-tools/the-frailty-index.html>
- 01:15:07 Isabel Sebjørnsen: Do you know of any tools that has been developed to screen for frailty in telephone triage?
- 01:18:02 Heather Wojtarowicz, GEDC: Using the Clinical Frailty Scale in Allocating Scarce Health Care Resources (Rockwood)
<https://pubmed.ncbi.nlm.nih.gov/32904824/>

- 01:19:48 David Ekermo: CFS is a great tool to set realistic goals (according to the measurement 2 weeks ago). But I meet a lot of frustration among nursing colleagues who would like to measure the nursing care burden today. Do they need another scale, or can you apply CFS to that in any way?
- 01:20:38 Conor Sullivan: **Simon's main points:**
1. Frailty is fundamental to understanding where someone is on their life trajectory: you need to understand it to design a treatment plan.
 2. Frailty scoring can be quick simple and easy to implement even at large scale. It provides a common currency in the care of older people.
 3. The CFS is to geriatric emergency care what the ECG is to the cardiology.
- 01:20:48 Heather Wojtarowicz, GEDC: Silver Book II
Quality care for older people with urgent care needs
<https://www.bgs.org.uk/resources/resource-series/silver-book-ii>
- 01:21:08 Conor Sullivan: **Ken's main points:**
1. Frailty is constitutently linked to aging: whenever age is important, frailty will be too.
 2. To develop sensible care plan, it is important to know not just whether a person is frail, but to know how frail they are.
 3. We must avoid all-or-none, dichotomous decisions in the ED, e.g., “do you want us to do everything for your father? Or nothing?” Instead, we need to set up for trials of treatment and dynamic decision-making that include a consideration of frailty.
- 01:21:40 Kalpana Shankar: Do you think CFS should change a patient’s ESI score in initial triage?
- 01:22:23 Emily Weaver: 🍌
- 01:22:31 Heather Wojtarowicz, GEDC: The role of illness acuity on the association between frailty and mortality in emergency department patients referred to internal medicine (Rockwood)
<https://pubmed.ncbi.nlm.nih.gov/32392289/>
- 01:22:56 Ting Pun: Thank you
- 01:22:57 Ondine Boulter: Great panel! Thank you all. 🍌
- 01:23:00 Heather Wojtarowicz, GEDC: GEDC: Frailty in the Older ED Patient

A Geri-EM.com E-learning Module

<https://gedcollaborative.com/course/frailty/>

01:23:07 Emily Weaver: There is a lot of valuable information in the chat. Can it be made available after the webinar?

01:23:27 Conor Sullivan: A Special thanks to our Rockstars..and GEDC EXPERT PANEL

Kenneth Rockwood, MD, MPA, FRCPC, FRCP

Professor of Medicine (Geriatric Medicine & Neurology)

Dalhousie University, Halifax, Canada

Simon Conroy, MB ChB, FRCP, PhD

Professor of Geriatric Medicine

University College London

Lead, Acute Frailty Network, England

Aaron Malsch, RN, MS, GCNS-BC

Senior Service Program Manager

Advocate Aurora Health

Wisconsin

And of course a huge thank you to our Magnificent Maestro and moderator

Don Melady

01:23:28 Ula Hwang: The chat will be posted along with link to video webinar!

01:23:41 Emily Weaver: Perfect, thank you!

01:23:59 Brian Holroyd: Thanks for an excellent session!

01:24:02 Jane Carmody: Excellent webinar reaching the world! thank you, panel and GEDC team.

01:24:26 Joan Michelle Moccia: Thank you.

- 01:24:50 John Schumacher: Great information. Well done.
- 01:24:53 özge can: Thank you.
- 01:25:01 Nicola Lee: Thank you
- 01:25:04 Christophe A Fehlmann: Merci beaucoup!
- 01:25:04 Conor Sullivan: What a great conversation! Thank you!
- 01:25:06 Paul Martin: Thank you
- 01:25:11 Marcus Dearn: thank you
- 01:25:17 Kevin Corcoran: Thank you!
- 01:25:18 Isabel Sebjørnsen: Thank you
- 01:25:18 Jessica Fleischer-Black: Thank you all.
- 01:25:21 Luis Nogueira: Muito obrigado
- 01:25:26 David Ekermo: Tusen tack! Vad fina ni är!
- 01:25:29 Danielle Carolan: Thank you... Very informative
- 01:25:30 Giovanni Ricevuti: Thank you for the excellent and very interesting webinar!
Looking forward to more.
- Ognjen Kovic, 4th year medical student, Pavia, Italy (from Edmonton, Canada)
- 01:30:34 Don Melady: Hi Don,

Thank you so much for this great webinar, it was really cool to listen to these amazing presenters!

Have a nice week

CF
- 01:34:15 Kevin Biese: Huge thanks to all of you!!!
- 01:35:04 Conor Sullivan: Tess!
- 01:35:13 Teresita Hogan: Wonderful thanks all
- 01:41:20 Conor Sullivan: Its awesome!!