

SCCM Choosing Wisely KEG Annual Meeting

January 20, 2020









Agenda

- KEG Goals
- Steering Committee
- Prior Meeting Topics and Social Media Posts
- Future directions
- Announcements
 - Choosing Wisely Next 5
 - Choosing Wisely session at 2021 Congress
- Discussion: "Inflammatory Markers in COVID-19: Enough is Enough?"





CW KEG Goals

- A forum to improve awareness of the Choosing Wisely campaign, exchange ideas regarding stewardship efforts, discuss implementation methods and successful methods to overcome barriers and challenges to implementation.
- The vision is to promote patient-centered care and to reduce or eliminate unnecessary interventions that can cause patient discomfort, increased length of stay, morbidity and inefficiency in resource utilization.







CW KEG Steering Committee

- Co-Chairs: Anita Reddy, MD, and Jennifer Cortes, PharmD
- Secretary: Jessica Mercer, PharmD
- Communications Chair: Maya Dewan, MD
- Laboratory Sub-committee Chair: Allyson Hynes, MD
- Medication Sub-committee Chair: Anne Rain Brown, PharmD
- Radiology Sub-committee Chair: Matthew Tyler, MD
- Advisor: Jerry Zimmerman, MD, PhD

















Critical Care Medic

Critical Care Congress

CW KEG Past Meeting Topic Discussions

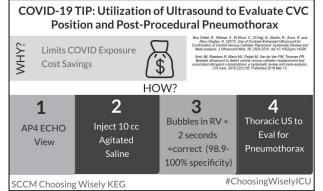
- Oct 2019: Starting Choosing Wisely and Less is More initiatives locally A conversation with Jerry Zimmerman, MD, PhD
- Nov 2019: Strategies and Tactics in Laboratory Stewardship; Gary Procop, MD
- Jan 2020: Choosing Wisely with ICU Imaging; Jeffrey Kanne, MD
- Feb 2020 (Congress): Medication Stewardship; Mitch Buckley, PharmD
- Mar 2020: Group COVID-19 discussion
- May 2020: COVID-19 Serology Testing; Kam Kadkhoda, PhD
- Sept 2020: Value Improvement Initiatives to Reduce Low-Value Routine Testing; Mike Tchou, MD
- Oct 2020: Lab Stewardship in a Surgical/Trauma ICU; Brad Domonoske, PharmD
- Nov 2020: Zen and the Art of the Intensivist; Matt Siuba, DO
- Jan 2021 (Congress): Inflammatory markers in COVID-19: Enough is Enough? Open group discussion

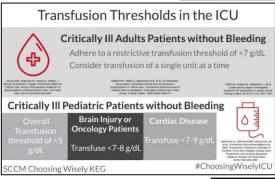


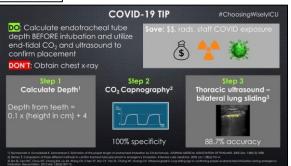


Social Media Posts

- #ChoosingWiselyICU
- Transfusions in critically ill patients:
 - https://twitter.com/PICUQI/status/ 1288092353962618885?s=20
- US for CVC placement verification
 - https://twitter.com/mdmdtyler/sta tus/1311858628421472258
- COVID tip: Use math, ETCO2, and ultrasound to confirm ETT placement, avoid that CXR, save \$\$, radiation, staff exposure
 - https://twitter.com/mdmdtyler/sta tus/1335323037026185218







Choosing Wisely Future Directions

- Assist Quality and Safety Committee with communicating/advertising/studying Choosing Wisely Next Five
- Education about Choosing Wisely
- Sharing ideas on implementation of Choosing Wisely Initiatives







Choosing Wisely Next Five

- "Choosing Wisely For Critical Care: The Next Five" will be released in CCM on-line on Jan 29, 2021
- Any help this KEG can offer to communicate these and help reinforce would be appreciated







50th Critical Care Congress

- Prerecorded session (can listen anytime)
- Choosing Wisely in Critical Care: How to Succeed in Implementing Less Is More
 - Topics:

Choosing Wisely: The Next Five Recommendations

Pamela L. Smithburger

What You Can Do Tomorrow to Reduce Imaging in the ICU

Jeffrey Kanne

What You Can Do Tomorrow to Reduce Medication Use in the ICU

Mitchell S. Buckley

What You Can Do Tomorrow to Reduce Laboratory Testing in the ICU

Anita Reddy

What You Can Do Tomorrow to Improve Mobility in the ICU

Sapna R. Kudchadkar

What You Can Do Tomorrow to Improve Patient Experience in the ICU

Julie Rogan





COVID-19 Inflammatory Markers: Useful or Wasteful?

- Initial studies suggest following certain laboratory markers may guide prognostication of COVID-19 patients
- Institutions have used laboratory cut-offs to determine if a patient is a candidate for certain therapies

Ferritin, CRP, LDH, D-dimer, CPK, Procalcitonin







COVID-19 Order Set

- Q48 hour CPK, troponin, ferritin, LDH, CRP, d-dimer
- Procalcitonin on admission and then prn
- Hepatitis panel
- Quantiferon TB plus, Interleukin 6

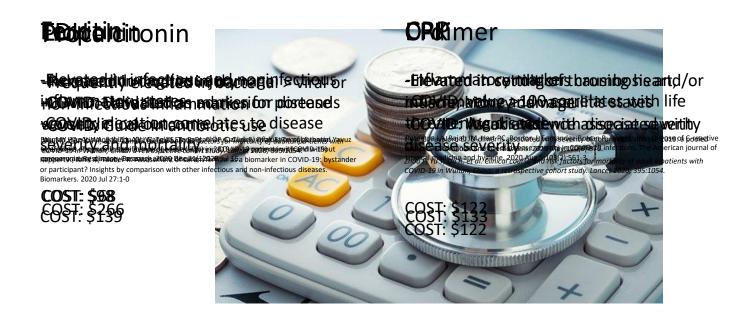








Does the Benefit Outweigh the Cost?



\$139 \$133 \$68 \$122 \$98 \$122 \$266 \$948







Additional Tests







\$948

\$457

\$266

\$1,200

\$2,871

COST: COST: \$457

\$266

COST: \$1200







COVID Medications

- Remdesivir: \$3,120 per treatment course
- Baricitinib: \$2,378.40 per treatment course
- Tocilizumab: \$2,455 per dose
- Bamlanivimab: \$1,250 per dose
- Dexamethasone: <\$1.00 per dose







Discussion





