

Hi Everyone,

Welcome to the **May 2024 @ICURehab monthly email**. I am happy to share updates and announcements on educational opportunities, plus *many new* publications!

ICU Rehab updates for May 2024

1. Announcements and updates below:

a. **Last call! RSVP to Attend (Free):** **14th International ICU PM&R Meeting** – San Diego, CA USA

i. I organize this small meeting to coincide with timing of ATS Conference:

<https://conference.thoracic.org/>

1. There is no registration fee (free!)

- a. **Sat. May 18, 2024 from ~1:30 to 6:30 pm** (*exact time TBD*), **with social event immediately thereafter**
- b. **Location:** UCSD Hillcrest Medical Center (~3.5 miles/5.5 km from ATS Convention Center)
- c. **To attend, you must RSVP***; invitation is open to clinicians & researchers (commercial attendees/vendors may not attend)
- d. **This is a live in-person meeting; we will NOT record it & NOT have live streaming (i.e., no Zoom)**
- e. There is no CME/CEU credit for this *free* meeting

ii. ***RSVP to** Madison Greer (mgreer6@jhmi.edu): provide your name, degrees, institutional affiliation

b. Registration Open! 13th Hopkins ICU Rehab Conference: Nov 7 & 8, 2024 at Johns Hopkins Hospital

i. Info at: <https://icurehabnetwork.org/2024icurehabconference/>

ii. **June 30, 2024 is Deadline for Early Bird discount & for Abstract Submission**

iii. **Details:**

1. This 2-day Adult ICU Rehab Conference is in-person only (no virtual option)

- a. Conference is **ALL-NEW content**, focused on the latest updates over the past year
- b. **Instructions for First Time Attendees:** before attending the in-person 13th Conference,
 - i. Register & complete our **separate online ICU Rehab Foundations course** (5.5 hours of content)
 1. This Course is essential since the 13th Conference does not cover foundational content

- ii. Note: the **Foundations course** content remains the same from year to year (i.e., don't attend it more than once, unless you want a refresher)
 - 1. Registration for online Foundation Course is **open!** <https://icurehabnetwork.org/online-foundation-course/>
- c. **Registration Open! 8th Asia Pacific Conference--Rehab in ICU: Aug 24-25, 2024 in Ho Chi Minh City, Vietnam**
 - i. <https://vnpta.org/icurehab-2024/>
 - ii. Registration fees are discounted for lower/middle income countries
- d. **9th European Conference on Weaning & Rehab in ICU: Nov 2-3, 2024 in Oslo, Norway**
 - i. <https://www.oslo-universitetssykehus.no/avdelinger/akuttklinikken/9th-european-conference-on-weaning-and-rehabilitation-in-critically-ill-patients2/>
- e. **Child Long COVID Core Outcome Set (COS)...**
 - i. **E-pub available!** *European Respiratory Journal*: <https://erj.ersjournals.com/content/early/2023/12/07/13993003.01761-2023>
- f. **Adult Long COVID Core Outcome Set (COS):** <https://www.pc-cos.org/>
 - i. Project done in collaboration with World Health Organization (WHO)
 - ii. Publication from Stage 1 of COS is below – *Lancet Respiratory Medicine*
 - 1. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9197249/>
 - iii. Publication of Stage 2 (outcome measurement instruments) below:
 - 1. <https://www.sciencedirect.com/science/article/abs/pii/S2213260023003703>
- g. **Updated Monthly! ICU Rehab e-Resource Sheet:** <https://icurehabnetwork.org/resources/>
- h. **Resources/tools for adult ICU, pediatric ICU, & hospital-wide mobility:**
 - i. <http://www.johnshopkinssolutions.com/solution/activity-mobility-promotion-amp/>
 - ii. <https://browse.welch.jhmi.edu/early-mobility>
- i. **For info about ICU & post-ICU functional measures, see:** www.ImproveLTO.com
 - i. Website created from a NIH-funded grant for improving outcomes measurement in critical care research
 - ii. Info about **ICU-specific measures & long-term outcome measures** (physical, cognitive, mental health & quality of life)
 - iii. Free full-text review article on **ICU mobility/physical function measures** here: <http://rdcu.be/wszU>
 - iv. Free full-text review article on **understanding patient outcomes after ICU:** <https://bit.ly/2NTM77u>
 - v. **FREE web-based, self-assessment of RASS/CAM-ICU sedation/delirium assessments, at:**
 - 1. www.ImproveLTO.com/instruments; scroll down to Cognitive>ICU Delirium

- i. Free registration required to access the assessment
- vi. **Updates! Delirium Educational Videos & Quiz for RASS & CAM-ICU (English & Spanish!):**
 - 1. www.icudeliriumplaybook.com
 - 2. **free full text publications:**
 - i. <https://www.atsjournals.org/doi/10.34197/ats-scholar.2022-0011OC>
 - ii. <https://www.atsjournals.org/doi/full/10.34197/ats-scholar.2023-0114OC>
- vii. **Functional Status Score for the ICU (FSS-ICU) instrument information:**
 - 1. Website registration for **free** access to FSS-ICU: www.ImproveLTO.com
 - 2. **20-minute instructional video is available at above website**
 - 3. Korean, Turkish, Spanish, Japanese & Portuguese translations available (**Chinese is “in process”**) (see www.ImproveLTO.com)
 - 4. FSS-ICU version for **retrospective assessment** of patient’s pre-ICU **baseline status** is at above website
- j. **Validated Survey to Assess Barriers to ICU Mobility** - **free full text** article available at: <https://bit.ly/2zbYHGA>
 - i. Survey is free as part of “Complimentary Critical Care Rehab Toolkit” at: bit.ly/icurehabsol

2. **COVID-Related Publications**

- 1. Func Limit & Exercise Intolerance in Post-COVID Condition: RCT <https://tinyurl.com/2uuc6jcp>
- 2. Rehab for ICU Pts with COVID-19: Administrative Case Report <https://tinyurl.com/mw758n9m>
- 3. COVID-19 Influence on Pt Mobility in ICU: Retrospective Analysis <https://tinyurl.com/mr6vnbz5>
- 4. Dysphagia Therapy in Post-COVID: Descriptive Longitudinal study <https://tinyurl.com/4p2mu84v>
- 5. 1-Yr Recovery of Prolonged Severe COVID-19 Survivors: Cohort Study <https://tinyurl.com/3m2z68zw>
- 6. Health Status & ADL, Post-COVID-19: PRIME Study (Netherlands) <https://tinyurl.com/3yzwcy3a>
- 7. COVID-19 & Health Care-Financial Toxicity in US: NHIS Survey data <https://tinyurl.com/bp82dka2>
- 8. Phenotyping & Mechanistic Subtypes of Pts with Long COVID: Letter <https://tinyurl.com/y46kp74d>
- 9. Quality in Long COVID Care: National QI Collaborative <https://tinyurl.com/93nx67wh>

3. **New publications** – *new papers hot off the presses*

Rehab

- 1. High-Intensity Early Mobilization for MV ICU Patients: RCT <https://tinyurl.com/yc3pkrfv>
- 2. Early Mobilization Dose Reporting in RCTs of MV Patients: Scoping Review <https://tinyurl.com/3vw8smbu>
- 3. Standardized Family Participation Program in ICU: RCT <https://tinyurl.com/2xc37esd>
- 4. Nurse Facilitator for Communication for ICU Family: RCT <https://tinyurl.com/y4snm3d9>
- 5. Early Rehab for Hospitalized Cystic Fibrosis Patients: RCT <https://tinyurl.com/4memw9vc>
- 6. Exercise after ICU Discharge on Functioning & QOL: Meta-Analysis <https://tinyurl.com/3sehjkxf>
- 7. Arm Cycle Ergometry in ICU: Sys Review <https://tinyurl.com/32juj9e5>
- 8. Communication in ICU Trach Pts Dependent on Cuff inflation: Scoping Review <https://tinyurl.com/2s3wp7az>
- 9. Robotic-assisted Early Mob vs Conventional Mob in ICU: Prospective study <https://tinyurl.com/38ce5752>
- 10. Early Mobility Clinical Decision Support System: Content Validation Study <https://tinyurl.com/32u5tr4m>
- 11. Optimal Physical Rehabilitation in ICU: Editorial <https://tinyurl.com/2j4n6twx>
- 12. Centralized Early Rehab Care for Crit ill Children w Brain Injury: Cohort Study <https://tinyurl.com/mtm525p6>
- 13. Time Outdoors for ICU Ill Pts (Australia & New Zealand): Point Prevalence <https://tinyurl.com/rw6uv45y>

14. Patients' Perceptions of Virtual Live Music in the ICU: <https://tinyurl.com/ycx83jxb>
15. Family experiences visiting Crit Ill w Underage Children: A Qualitative Study <https://tinyurl.com/4wb7pmzy>
16. Knowledge, Perceptions, & Practices of ICU Early Mobility (Malaysia): Survey <https://tinyurl.com/mr3s2knp>
17. Teamwork for Early Mobility in ICU (China): Survey <https://tinyurl.com/ad4667u5>

Muscle & Function

18. Conceptual Definition of Sarcopenia: Delphi Consensus (GLIS) <https://tinyurl.com/mr49mmfn>
19. Responsiveness & Minimal Difference in IPF: 5 STS Test <https://tinyurl.com/svhs4wpm>
20. Assessment & Impact of Frailty in Cardiac ICU: Review <https://tinyurl.com/2pvpwbfk>

Outcomes after ICU, and Patient Outcomes Research

21. Effect of Post-ICU Consultations on Mortality and QOL at 1 Yr: RCT <https://tinyurl.com/ktuyhwfr>
22. Complex Interventions in Post-ICU care: Insights from RCT <https://tinyurl.com/3frddmw4>
23. Survivorship After Neurocritical Care: Scoping Review <https://tinyurl.com/4dmedtkz>
24. Participant Retention in f/u Studies of ICU Survivors: Scoping Review <https://tinyurl.com/bdf5k5ff>
25. Long-term Outcomes of ECMO in ARDS: Meta-Analysis <https://tinyurl.com/2ctbhdz3>
26. Inflammation & PICS: Sys Review <https://tinyurl.com/pay2nwmu>
27. Long-Term Outcomes in Epidemic Viral Pneumonia ICU Survivors: Sys Review <https://tinyurl.com/2dk8rtwm>
28. PTSS in ICU Survivors 1-yr Follow Up (Norway): Multicenter Study <https://tinyurl.com/yc364ay4>
29. ICU Nurses' Assessment of Writing Diaries in ICU: Qualitative Study <https://tinyurl.com/y5fta6bu>
30. 12-Mon f/u of Sleep & Circadian Health of ICU Survivors: Observational Study <https://tinyurl.com/jwayw8ub>
31. Quality-weighted Hospital-Free-Days in Acute Respiratory Failure: Delphi study <https://tinyurl.com/s722vsfu>
32. QOL & Non QOL-Related Issues in ICU survivors & Non-ICU-tx Controls <https://tinyurl.com/myapjzw2>
33. Quality of Life after ICU: What Every Intensivist Should Know <https://tinyurl.com/mwmjrnf8>
34. Inter-Rater Agreement for Cognition Function: Pt vs Proxy <https://tinyurl.com/3md99ppz>

Sedation, Delirium, Sleep, Agitation

35. Dynamic Delirium - Nursing Intervention to Reduce ICU Delirium: RCT <https://tinyurl.com/afebh5t3>
36. Alpha 2 Agonists for Sedation in ICU (A2B trial): Mixed-Methods Evaluation of RCT <https://tinyurl.com/mr3vanh3>
37. Sound Reduction Bundle in ICU: Quasi-Experimental study <https://tinyurl.com/yv3azubf>
38. Valproic Acid for Agitation in ICU: Retrospective Observational study <https://tinyurl.com/3tch5sh2>
39. Delirium & Incident Dementia in Hospital (Australia): Retrospective Study <https://tinyurl.com/yc79642s>
40. Ventilator-Associated Brain Injury (VABI) in ICU Pts: View Point <https://tinyurl.com/fafe348c>
41. Humanizing Delirium Care: Letter to Editor <https://tinyurl.com/yb6ktnz2>

4. Videos & News

Video & podcast postings below:

OACIS Videos &

News: http://www.hopkinsmedicine.org/pulmonary/research/outcomes_after_critical_illness_surgery/oacis_videos_news.html

5. **Twitter/X**: for brief updates about ICU Rehab, follow: @**icurehab** and @**DrDaleNeedham**. You can directly contribute using #**icurehab**

Best wishes to everyone,

Dale

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Learn how we are improving ICU patients' outcomes at our websites:

www.hopkinsmedicine.org/OACIS www.mobilization-network.org www.improveLTO.com bit.ly/icurehabsol

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