

Hi Everyone,

Welcome to the **October 2023 @ICURehab monthly email**. There are updates/announcements on educational opportunities, plus **new** publications.

ICU Rehab updates for Oct 2023

1. Announcements and updates below:

a. **Oct 19 is start of on-demand access: Register now! 12th Johns Hopkins ICU Rehab Conference**

i. **New Info on Translations (new Zoom webinar feature for 2023!):**

1. **During Live format*, all presentations have subtitles with automated translations into >20 languages**

a. more info at: <https://icurehabnetwork.org/faq/>

ii. **Registration info & brochure:** <https://icurehabnetwork.org/>

1. **Registration deadline: Nov 2, 2023!!**

2. Brochure includes recognition of **NIDUS, APTA Cardio-Pulm, American Delirium Society, ASHA** and **APTA Acute Care**

iii. **Fully virtual** with 2 identical formats (attend via one or both formats for a single registration fee):

1. ***Live format via Zoom (Nov 8-11, 2023)**

2. **On-demand for 8 weeks (Oct 19 to Dec 18, 2023)**

iv. **Continuing Education credit info:** <https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=45339>

v. **If Questions:** ICUrehab@jhmi.edu

b. **Now Archived! Johns Hopkins @ICURehab webinar (via Zoom)**

i. **Topic:** Johns Hopkins Activity & Mobility Promotion (JH-AMP): Systematically Combating Hospital Harm– **including live Q&A**

ii. **For archive, see “Free Webinar” section of our website:** <https://icurehabnetwork.org/>

c. **Adult Long COVID Core Outcome Set (COS)...**

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. Results of Stage 2 (i.e. recommended measurement instruments) available

1. **“In Press” with *Lancet Respiratory Medicine* – will share weblink when available**

a. **See Recommended Measurement Instruments:** <https://www.pc-cos.org/>

- d. **Child Long COVID Core Outcome Set (COS)...**
- i. Project completed as of July 31, 2023
 - ii. **COS/COMS updates here:** <https://www.pc-cos.org/children>
- e. **Updated Monthly! ICU Rehab E-Resource Sheet:**
<https://icurehabnetwork.org/resources/>
- f. **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>
- g. **Fundamentals of ICU Rehab** training by Chris Perme, PT CCS FCCM
- i. More info: www.permeseminars.com
- h. **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. **7 short educational videos for learning RASS & CAM-ICU:**
 1. <https://vimeo.com/showcase/9768694>
 2. free full text publication: <https://www.atsjournals.org/doi/10.34197/ats-scholar.2022-0011OC>
 - 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
- i. **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. Exercise Tele-Rehab Protocol in Post-COVID-19: RCT <https://tinyurl.com/5n95bt6j>
2. Post-Acute Sequelae of COVID-19 at 2 yrs: Cohort Study <https://tinyurl.com/4m3fhrp3>
3. Post-Acute Sequelae of COVID-19: More than Deconditioning <https://tinyurl.com/4rfprmdj>
4. Onset & Prognosis of Post-COVID-19: Cohort study <https://tinyurl.com/56hvynfm>
5. Evaluating Post-COVID-19 Cognitive Dysfunction: Research Recommendations <https://tinyurl.com/2pvfb9d7>
6. Blood Biomarkers Predict Cognitive Deficits After COVID-19 <https://tinyurl.com/4yz3m846>
7. Prevalence & Recovery of Dysphonia in COVID-19 <https://tinyurl.com/yvfrzapu>
8. Memories of Pts in ICU during COVID-19: Qualitative Study <https://tinyurl.com/59mamvtr>
9. PTSD in Family of COVID-19-related ARDS Pts: Cohort Study <https://tinyurl.com/3w6t56ut>

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

Rehab

1. ECMO without Invasive Ventilation for Resp Failure: Sys Review <https://tinyurl.com/5ajxwbna>
2. Early NMES Preserves Muscle Size & Quality in TBI: RCT <https://tinyurl.com/3hjc23n>
3. Transcutaneous Electrical Diaphragmatic Stimulation in MV Pts: RCT <https://tinyurl.com/5dpdhamc>
4. Phrenic Nerve Stimulation During MV: Phase 1 Clinical Trial <https://tinyurl.com/2p83ttf8>
5. Rehab, Mobility & Pt-Centered Outcomes: Review <https://tinyurl.com/3929tpzv>
6. Sedation & Early Mobility of Neurologic ICU Pts: Cohort Study <https://tinyurl.com/387bamwb>
7. Early Rehab in ICU for Pts with CVS Disease: Cohort Study <https://tinyurl.com/4xvw9r5z>
8. Japanese Version of the Mobility Quantification Score <https://tinyurl.com/f8swwvp7>
9. Pt Mobility in ICU in Israel: Point Prevalence Study <https://tinyurl.com/2tpxz28j>
10. Family Engagement in Early Mobility for ICU Pts: Qualitative Study <https://tinyurl.com/yh7s3f2b>
11. Physiotherapy in ICU: Workforce Survey of Australia & New Zealand <https://tinyurl.com/5txyz6vs>

Outcomes after ICU, and Patient Outcomes Research

12. Regional vs Gen Anesthesia for Delirium in Older Pts: Meta-Analysis <https://tinyurl.com/37v3fsm5>
13. Long-Term Outcomes of Cardiogenic Shock: Cohort Study <https://tinyurl.com/5y5hn42m>
14. Posthospital Care for Survivors of Sepsis and Critical Illness <https://tinyurl.com/ydy64h72>
15. Fragmentation of Care between ICU & Primary Care Settings <https://tinyurl.com/2dvwwwua>
16. Digital Solutions & Recovery after Critical Illness: Review <https://tinyurl.com/2vam59bc>
17. Outcomes for ICU Pts in Australia & New Zealand: Scoping Review <https://tinyurl.com/nhm5w5e4>
18. Critical Illness Journey in Family: Grounded Theory of PICS <https://tinyurl.com/2s4kjmjs>

Sedation, Delirium, Sleep, Agitation

19. Pain associated with ETT Aspiration in ICU: Observational study <https://tinyurl.com/4npbxzxf>

20. Haloperidol for Delirium in ICU Pts: Meta-Analysis <https://tinyurl.com/yc2ddm6u>
21. Family Intervention to Prevent Post-op Delirium in Cardiac Surgery: RCT <https://tinyurl.com/bde7uayu>
22. Delirium Rating Scale (DRS-R98) for Delirium Severity Assessment in ICU <https://tinyurl.com/mvss2h4n>
23. Catatonia, Delirium, Coma & Mortality: Cohort Study <https://tinyurl.com/2napex7f>
24. Delirium Subtyping Initiative: Expert Recommendations <https://tinyurl.com/3bny3zmf>
25. Analgesia, Sedation, & Delirium: European Pre-Post Study <https://tinyurl.com/4pwvfbmv>

Dysphagia, Communication & SLP Issues

26. SLP Assessment of Dysphagia Post Extubation: Service Evaluation <https://tinyurl.com/2s35cdzi>

Psychology

27. Music Intervention on Anxiety in Adult ICU Pts: RCT <https://tinyurl.com/2vz7f3my>
28. Stress on Performance during Simulation-Based Learning: Pilot RCT <https://tinyurl.com/55wdjpta>

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

Best wishes to everyone,

Dale