

Hi Everyone,

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

ICU Rehab updates for June 2023

1. Announcements and updates below:

a. **June 30 Deadline for Registration Discount & Abstract Submission: 12th Johns Hopkins ICU Rehab Conference**

i. **Registration info &**

draft brochure: <https://icurehabnetwork.org/>

ii. **June 30 deadline:** (1) Early registration discount & (2) Abstract submission (see weblink above)

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)**

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

b. Newly Archived (from May 2023): **Johns Hopkins @ICURehab webinar**

i. **Title: Integrating PT, OT, SLP & RT in the ICU: It takes a**

Village! – including a patient case study with video of therapy services

ii. Archive here (see “Free Webinar” page): <https://icurehabnetwork.org/>

c. **NIH Workshop: Tackling Brain & Muscle Dysfunctions in ARDS Survivors**

i. *Was* held on April 27 & 28, 2023

ii. **Archive** of virtual workshop will be posted, when available; info is below:

1. <https://www.eventbrite.com/e/tackling-brain-and-muscle-dysfunction-in-ards-survivors-tickets-559026391987>

d. **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. **See Recommended Measurement**

Instruments: <https://www.pc-cos.org/>

- 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.johnshopkinsolutions.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. ****NEW**:** **7 short educational videos for learning RASS & CAM-ICU:**
 - i. <https://vimeo.com/showcase/9768694>
 - ii. 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 (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 freely available at: <bit.ly/icurehabsol>

2. **COVID Publications**

COVID-19 Related Issues

1. Prevalence of Long Covid: Sys Review <https://bit.ly/43qemht>
2. COVID-19 Physical Activity-Based Rehab: Sys Review <https://bit.ly/3BA9jim>
3. Home-based Pulm Rehab with & without Telecoaching: RCT <https://bit.ly/3odKeGV>
4. Home Exercise on QoL & Functional Capacity in Severe COVID-19: RCT <https://bit.ly/3OIOfUg>
5. Physical Functioning Post-COVID-19: Mixed Methods Study <https://bit.ly/42tZY7n>
6. Discharge Disposition & Loss of Independence: Observational Study <https://bit.ly/3odkxq4>
7. Long COVID in Older Pts: Observational Cohort Study <https://bit.ly/3p1xF1o>
8. Depression & Anxiety in Self-reported COVID-19-like Symptoms vs COVID-19 <https://bit.ly/3oe9g8U>
9. Psychiatric Outcomes & Coping in Long COVID <https://bit.ly/435eWkn>
10. Cognitive Deficits in COVID-19 & Association with PASC <https://bit.ly/41SGcBA>
11. Cognitive Impairment in Young Adults with Post-COVID-19 Syndrome <https://bit.ly/3ATBjgr>

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

Rehab

1. Early Goal-Directed Mobility in Acute Type A Aortic Dissection: RCT <https://bit.ly/3LVTWXx>
2. Early Mobility & Functional Capacity & proBNP in Acute Heart Failure: RCT <https://bit.ly/41P3Ui0>
3. Early Rehab & Vent Weaning: Meta-Analysis <https://bit.ly/3nymvRm>
4. Comparator Groups in ICU-based Physical Rehab Studies: Scoping Review <https://bit.ly/3ljtgxG>
5. Functional & Cognitive Rehab in ICU: Protocol for Systematic Integrative Review <https://bit.ly/3NAicQg>
6. Understanding Mobility in Conscious & MV Pts Mobilised in ICU <https://bit.ly/3pJBKaS>
7. ICUAW & Early Nutrition & Rehab Intensity in MV Pts: Observational Study <https://bit.ly/3odvpEI>
8. Early Mobility in ICU in Ethiopian Tertiary hospitals: Survey <https://bit.ly/3OhlY1j>

9. Critical Care Rehab of Burn Patient: Review <https://bit.ly/3Optmrp>
10. Commentary: To Mobilise or Not: Is That the Right Question? <https://bit.ly/3OgkCnw>
11. Editorial: Faltering Evidence Base for Early Rehab <https://bit.ly/3WcGAK5>

Muscle, Mobility & Function

12. Perme ICU Mobility Score & LOS in Cardiac Surgery Pts <https://bit.ly/3Oi9gWh>
13. Sarcopenia and Cardiovascular Diseases: Comprehensive Review <https://bit.ly/3Oj5aqL>

Outcomes after ICU, and Patient Outcomes Research

14. Pediatric Critical Care Outcomes: State of the Science <https://bit.ly/3HGhLQN>
15. Physical, Emotional & Cognitive Recovery Post ECMO: Review <https://bit.ly/42ObYRE>
16. Validity & Reliability of Fatigue Severity Scale in Real-World ILDCohort <https://bit.ly/42mxyvQ>
17. Development of the Tracheostomy Well-Being Score in ICU Pts <https://bit.ly/3MBw3oA>
18. Randomized Family-Centered Interventions in Adult ICU: Systematic Review <https://bit.ly/3Mk7CL1>
19. Quality of Life & Family Support Post ICU <https://bit.ly/3ARjCOR>
20. Protocol to test e-health Intervention for ICU Survivors' Relatives <https://bit.ly/3WnRzjR>

Sedation, Delirium, Sleep, Agitation

21. Spinal vs General Anesthesia: Secondary Analysis of RCT <https://bit.ly/3BHPxkU>
22. Preop Nurse-led Orientation on Postop Delirium after Cardiac Sx: Observational Study <https://bit.ly/436rZlr>
23. Heterogeneity in ICU Delirium & Intervention in RCTs: Meta-Epidemiological Study <https://bit.ly/3liG8En>
24. Multimodal, Pt-centred Symptom Control to Replace Sedation in ICU: Commentary <https://bit.ly/3WjYevl>
25. Alternatives to Polysomnography for Assessing Sleep in ICU: Observational Study <https://bit.ly/3LWGseg>

Dysphagia, Communication & SLP Issues

26. Communication in Adult ICU Pts: Binational Point Prevalence Study <https://bit.ly/3o7ljvF>
27. Verbal Communication in MV Pts with Tracheostomy: Review <https://bit.ly/3LB9COP>
28. Reducing Trach Impact on Communication & Swallowing in ICU Review <https://bit.ly/415z0BN>

Psychology

29. Fatigue, Cog & Pain w Depressed Mood in Stroke: Ecological Momentary Assessment <https://bit.ly/3Lx5Ju8>

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