

Hi Everyone,

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

ICU Rehab updates for June 2024

1. Announcements and updates below:

a. June 30 deadline – Discount & Abstracts for 13th Hopkins ICU Rehab Conference

- i. Nov 7 & 8, 2024 at Johns Hopkins Hospital
- ii. Info at: <https://icurehabnetwork.org/2024icurehabconference/>
- iii. **June 30, 2024 is Deadline for Early Bird discount & for Abstract Submission**
- iv. **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
 2. 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)
 - ii. Registration for **online Foundation Course is open!** <https://icurehabnetwork.org/online-foundation-course/>

b. 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**
- iii. **Workshop registration is filling quickly – register now!**
- iv. **Abstract submission (July 1 deadline!):** <https://vnpta.org/call-for-abstract/>

c. 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/>
- ii. **Abstract submission deadline: August 20**

d. **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>

e. **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>

f. **Updated Monthly! ICU Rehab e-Resource Sheet:** <https://icurehabnetwork.org/resources/>

g. **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>

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. **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

- 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. Massage, ROM & ICU Weakness in COVID-19 Pts (Iran): RCT <https://tinyurl.com/4zy8af4r>
2. Tele-rehab in Post-Acute COVID-19 Pts: RCT <https://tinyurl.com/2p89cd8s>
3. Robot Assisted Mobility in Mech Vent Pt w/ COVID-19: RCT <https://tinyurl.com/mr3ebfcr>
4. Persistent SARS-CoV-2 & Long COVID Symptoms (China): Cohort Study <https://tinyurl.com/4ba2vbmy>
5. Mental Health Care Barriers in Post-COVID: Cross Sectional Study <https://tinyurl.com/yc6evj8v>
6. Factors Assoc w/ Long COVID Recovery (US): Survey <https://tinyurl.com/5dkc7ksh>
7. 1-yr Outcome in COVID-19 vs Influenza, Pneumonia or ARDS: Letter <https://tinyurl.com/yc3tnfbj>

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

Rehab

1. In-Bed Cycling/Stepping in ICU: Feasibility & Safety Pilot RCT <https://tinyurl.com/2cbbxkun>
2. CPAP & Cycle Ergometer in Early Rehab of CABG Pt: RCT <https://tinyurl.com/3z5vvav9>
3. Feed w/ Indirect Calorimetry & Cycling in Older ICU Pts: Pilot RCT <https://tinyurl.com/44p4ctas>
4. PJ Paralysis Mobility Program & Pt Outcomes (Canada): Time Series Study <https://tinyurl.com/54jad5af>
5. Early Mobility Index & Patient Outcomes: Retrospective Multi-site Study <https://tinyurl.com/3hxpepea>
6. Dysphagia Rehab in Pts w/ Acute or Critical Ill: Meta-Analysis <https://tinyurl.com/4y4awj9k>
7. Safety of Phys Rehab in ICU: Delphi Study <https://tinyurl.com/59ws8brk>
8. Mobility & Resistance & Endurance Training in Mech Vent Pts: Pilot Study <https://tinyurl.com/6xkd95a2>
9. Japanese ICU Mobility Scale, Feasibility & Reliability: Observation Study <https://tinyurl.com/yc65bn4d>
10. Social Determinant of Health & ICU Rehab: Cohort Study <https://tinyurl.com/3unwud9m>
11. Mobility w/ Femoral Catheters in Burn ICU: Retrospective Study <https://tinyurl.com/3db88kzc>
12. Pt Experiences w/ ICU Rehab: Qualitative Study <https://tinyurl.com/2s34fk54>
13. Hospital Mobility Prog in Veterans Health Care (STRIDE): Business Case Analysis <https://tinyurl.com/y3aefvan>
14. Importance of Geriatric Rehab in ICU: Commentary <https://tinyurl.com/yc7ht86d>
15. Recommendation for Physical Activity for ICU Pts: Editorial <https://tinyurl.com/3wu7mzmq>

Muscle & Function

16. Nutrition & Muscle Mass in ECMO: Retrospective Study <https://tinyurl.com/bdhctt6n>

Outcomes after ICU, and Patient Outcomes Research

17. Risk Score for Hosp Re-admit in ICU Survivors: Cohort Study <https://tinyurl.com/3v4h3bx3>
18. 3-yr Mortality, Readmit, & Expenses for ICU Survivors: Population-Based Study <https://tinyurl.com/4wkrw45j>
19. Heme Malignancy & Survival of ICU Pts: Prospective Study <https://tinyurl.com/2j4n7b85>
20. Medication Optimization to Improve Post ICU Pt Recovery: Commentary <https://tinyurl.com/csf9n9ze>
21. Assoc of Sepsis & Mortality in ICU (Sweden): Letter <https://tinyurl.com/2p9vpsv5>

Sedation, Delirium, Sleep, Agitation

22. Restraints & Delirium Duration in ICU (France): RCT <https://tinyurl.com/5fw8fw6y>
23. Cognitive Training & Reduction of Delirium in Cardiac Surg (China): RCT <https://tinyurl.com/y9x6pf33>
24. Prophylactic Minocycline for Delirium in ICU: RCT <https://tinyurl.com/36m5ms9j>

25. 1-Yr Outcomes after Antipsychotics in ICU Delirium (MIND-USA) <https://tinyurl.com/yzvdu2j2>
26. Music Therapy for Anxiety & Delirium in ICU Pts: Meta-Analysis <https://tinyurl.com/bdz2xny6>
27. Systemic Inflammation & Delirium in ICU: Cohort Study <https://tinyurl.com/3sjbrwvr>
28. ICU Nurses' Perception & Prevention of Delirium: Survey <https://tinyurl.com/53msd2wj>

Psychology

29. 6 mo. HRQOL in ICU Caregivers w/ Depression: Cohort Study <https://tinyurl.com/563hudz3>

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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