

Hi Everyone,

Welcome to the **April 2023 @ICURehab** monthly email.

There are new updates/announcements on **free educational webinars & workshops [see (a), (b) and (c) below]**, plus many new publications

ICU Rehab updates for April 2023

1. **Announcements** and updates below:

a. **Free registration: Tackling Brain & Muscle Dysfunctions in ARDS Survivors**

i. **NIH workshop (fully virtual)**

ii. **Dates:** April 27 & 28, 10am to 3:15pm (Eastern Time, USA)

iii. **Registration & draft agenda/info via:**

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

b. **Register now (free): Johns Hopkins @ICURehab webinar (via Zoom)**

i. **Date:** May 17, 2023, 12 to 1pm with **Live Q&A** (Eastern time USA)

ii. **Topic: Integrated Team Work for ICU Rehab** – including a patient case study with video of therapy services

iii. **Free Registration:** https://jhjhm.zoom.us/webinar/register/WN_w1pzvpvUTJqeiI5GLlp46A

iv. Webinar will be recorded & subsequently posted to <https://icurehabnetwork.org/> (if you can't participate live)

v. **No continuing education credit is available**

c. **RSVP now: 13th International ICU PM&R Meeting** – May 20, 2023 in Washington, DC, USA

i. Once again, I am organizing this meeting, timed to coincide with the American Thoracic Society (ATS) Conference

1. **There is no registration fee (free of charge!); there is no CME/CEU credit**

a. **Sat. May 20, 2023** (~1:30 - 6:30 pm), with **outdoor social/networking event immediately thereafter**

b. **Location:** GW University in Washington DC, USA (~1.5 miles/2.5 km from ATS Convention Center)

c. **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)**

ii. ***For registration, email Madison Greer (mgreer6@jhmi.edu):** provide name, degrees, institutional affiliation

d. **Johns Hopkins Activity & Mobility Promotion (JH-AMP) Conference**

i. **Dates:** On-demand **Apr 1 to June 1, 2023; In-Person April 26-28, 2023**

ii. Content: JH-AMP 8-Step Framework, Evidence & Innovation, Safe Patient Mobility, Best Practices + **In-Person Interactive Workshops, Panels, Roundtables & Networking**

iii. **Info & register via:** www.HopkinsAMP.org/conference or HopkinsAMP@jhmi.edu

e. **Staying Virtual for 2023!! 12th Johns Hopkins ICU Rehab Conference**

i. **Registration opens in the coming weeks**

ii. **June 30 deadline** for: (1) early bird registration Discount & (2) Abstract submission

- 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 (estimated dates: Oct 19 to Dec 18)**
- iv. **When available, more info about registration & abstracts will be at:**
<https://icurehabnetwork.org/> or email ICUrehab@jhmi.edu
- f. **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/>
- 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. **Fundamentals of ICU Rehab** training by Chris Perme, PT CCS FCCM
 - i. More info: www.permeseminars.com
- j. **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. **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
- k. **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. STIMULATE-ICP & Long COVID: RCT Protocol <http://bit.ly/3IkHEVE>
2. Acute Hospital Rehab Intensive Service (ARISE) in COVID-19: Hospital Outcomes <https://bit.ly/3JO6dMC>
3. Rehab & Physical Function in COVID-19 In-patients: Retrospective Analysis <http://bit.ly/3ZiKtNE>
4. Early Rehab & PT in Critically Ill COVID-19 Pneumonia: Retrospective Study <https://bit.ly/3LcF2MA>
5. Safety & Feasibility of Interdisciplinary Treatment for ICU COVID-19 Survivors <http://bit.ly/3Lj7i09>
6. 180-Day Outcomes in Critically Ill Pts with COVID-19-REMAP-CAP RCT <http://bit.ly/3SIDXhr>

7. Muscle mass, Strength & Mobility of Mech Ventilated COVID Pts <http://bit.ly/3EQhclO>
8. Physical Frailty & Risk Factors 1-year post COVID-19 Hospitalization <http://bit.ly/3TL4L5>
9. Pulmonary Function & Functional Capacity at 3, 6 & 12 mo post COVID-19 <http://bit.ly/3xJ8Fxf>
10. Multi-organ Impairment & Long COVID: 1-year Prospective, Longitudinal Cohort <https://bit.ly/3SnPO42>

11. Deep Sedation & Memories in COVID-19 ICU Survivors <https://bit.ly/3Zb1UzG>
12. Orthostatic Tachycardia Post Covid-19: Practice Pointer <http://bit.ly/41D2OHZ>
13. Post-COVID-19 Symptoms & Employment Status <http://bit.ly/3SpbZqI>

3. New publications – new papers hot off the presses

Rehab

1. FES Cycling & Insulin requirement: Nested Substudy RCT with 6mo Follow-up <http://bit.ly/3JgMJPo>
2. Multifaceted Early Mobility in Critically ill Children-PICU Up Trial: RCT Protocol <http://bit.ly/3mWBBj4>
3. Optimal Early Mobility Training After Stroke (AVERT DOSE): RCT Protocol <https://bit.ly/3YZemmA>
4. TEAM Trial: Letter to Editor <https://bit.ly/3YWVhBy>
5. Johns Hopkins Activity & Mobility Program (AMP) Framework for Hospitalized Pts <http://bit.ly/3yauXYU>

6. Early Mobility & Exercise in Cardiothoracic ICU: Quality Improvement Project <http://bit.ly/3XX4icA>
7. Early Mobilization of MV Pts & Independence of Daily living at Hosp Discharge <http://bit.ly/40a6XRg>
8. Early Passive Mobilization & Vascular Reactivity in Sepsis <http://bit.ly/3TDAnFT>
9. Early Mobility & DVT in ICU: Post hoc Analysis of PREVENT trial <http://bit.ly/3SRYLmJ>
10. Acute Muscle Loss in ICU: Secondary Analysis of in-bed Cycling trial in ICU <http://bit.ly/3IDXZxg>

11. Multidisciplinary Staff Perception of Early Mobilization of Burns Pts in ICU <http://bit.ly/3JxdJLW>
12. Family Engagement in Early Mobilisation of ICU Pts: Qualitative Study <http://bit.ly/3yJH53t>
13. Infection Control Practices & Device Management while Mobilizing Critically ill Pts <http://bit.ly/3J4rsbn>
14. PT & Nutrition: Review <http://bit.ly/40iloDI>
15. Statistical & Methodological Considerations for RCT Design in PM&R <http://bit.ly/3TllfN6>
16. Strict Bedrest to Early Mobilization - History of PT in ICU <https://bit.ly/3kDGbC9>

Muscle, Strength, Mobility & Function

17. Neuromuscular Blockers & ICU-AW: Sys Review <http://bit.ly/3FQURUh>
18. Acute Muscle Loss in ICU: Secondary Analysis of in-bed Cycling trial in ICU <http://bit.ly/3IDXZxg>
19. Reference Equations for Breathlessness during Incremental Cycle Exercise Testing <http://bit.ly/3FAnghI>
20. CT Pectoralis Muscle Area & DXA in COPD <http://bit.ly/3n1E9MX>

Outcomes after ICU, and Patient Outcomes Research

21. Outcomes after Critical Illness: Review <https://bit.ly/3J4BIG9>
22. RCT of Vitamin C, Thiamine, & Hydrocortisone for Sepsis: Long-Term Outcomes <http://bit.ly/3Ynot3o>
23. Bone & Lung Consequences with Hospital-acquired SARS: 15-year follow-up <https://bit.ly/3JEXqfR>
24. Complications of Prone Position Ventilation: Sys Review of literature <http://bit.ly/3yDOuKA>
25. Multidisciplinary ICU Recovery Clinic Visits: Qualitative Analysis of Pt-Provider Dialogues <http://bit.ly/3TWVxPr>
26. Return to Work 12mo Post-ICU: Secondary Analysis of SMAP-HoPe study <http://bit.ly/3YqUTda>

27. Days Alive at Home (DAAH) and Survival & Functional Status in Mech Vent Survivors <http://bit.ly/3lmg8ZH>
28. Development & Validation of Prediction Model for QoL of ICU Survivors <http://bit.ly/3mpLUMt>
29. Non-pharma Self-Management of Fatigue: Umbrella Review <http://bit.ly/3z4Nu9n>

Delirium, Sleep, Agitation, Pain

30. Nighttime Dexmed for Delirium Prevention in Non-Mech Vent Cardiac Surgery: RCT <http://bit.ly/40wxUiG>
31. Rounds with Psychiatry Team in ICU: Pilot Study on Delirium Incidence & Outcomes <http://bit.ly/3TrUs1M>
32. Cognitive Impairment in Acute Care Setting: Evaluation of Screening Tool <http://bit.ly/3KPyq6J>
33. Effect of Music on Delirium, Pain, Sedation & Anxiety in Mech Vent Pts <http://bit.ly/3m2oAEi>
34. Live Music Therapy in Pediatric ICU Pts: Pre-Post Study <http://bit.ly/3EWiQSZ>

35. ICU Clinician Strategies for ABCDEF Bundle: Group Concept Mapping <http://bit.ly/3YxYvKB>
36. Educational Program for ICU Nurses & Delirium: Quasi-Experimental Study <http://bit.ly/3JMd4Gh>
37. Patient-Related factors & Nursing Perception of Sleep in ICU <http://bit.ly/3YJx0hj>

38. Long-Term Outcomes & Delirium Persistence in ICU Pts: Longitudinal Cohort Study <http://bit.ly/42vXeXI>
39. Extreme Baselines of Cognitive Function & Severity of Delirium: Population study <https://bit.ly/3J9zrnK>
40. Antipsychotic Medication Use Post-Infection-Related Hospitalization <http://bit.ly/3m58rOs>
41. Delirium Interview as a Reference Standard for Delirium Assessment <http://bit.ly/3m5vY1H>

Dysphagia

42. Dysphagia in Adult ICU Pts: ANZICS Point Prevalence Study <http://bit.ly/3Lc5JBh>

Psychology

43. Psychometrics of Hospital Anxiety & Depression Scale (HADS) in COPD: Sys Review <http://bit.ly/3FqDBXp>
44. Online Behavioral Therapy for PTSD in comparison to Face-to-Face Therapy <http://bit.ly/3m3U6By>

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