

Hi Everyone,

Welcome to the **April 2022 @ICURehab monthly email**. I hope everyone is coping through the pandemic, with its ups and downs.

ICU Rehab updates for **April 2022**

1. **Announcements** and updates below

- a. **Register NOW: 11th Johns Hopkins ICU Rehab Conf. Nov 2 – 5, 2022**
 - i. **Fully virtual with 2 formats (attend via one or both formats for the single registration fee):**
 1. Live format via Zoom (Nov 2-5)
 2. 8 weeks of on-demand (Oct 20 to Dec 19)
 - ii. For updates: <https://icurehabnetwork.org/> or email ICUrehab@jhmi.edu
 - iii. Submit **Abstract** now (deadline: June 30, 2022): see <https://icurehabnetwork.org/>
 - iv. Registration **discount** expires **June 30, 2022**
- b. **Free Webinar – “ICU Rehab during COVID-19 Pandemic”**
 - i. With multi-disciplinary panel discussion and Q&A
 - ii. **Date: May 4, 2022 from 12:00 to 1:00pm (Eastern Time, USA)**
 - iii. **Info & registration via:** www.ICURehabNetwork.org/
- c. **5th Johns Hopkins Activity & Mobility Promotion (JH-AMP) Conference [Virtual]**
 - i. **Dates: Apr 20 to 22, 2022; On-demand: Apr 1 to June 1, 2022**
 - ii. Content includes: JH-AMP Solution, Implementing Age Friendly Framework, Hospital Mobility Best Practice: Integration & Innovation
 - iii. Info: www.HopkinsAMP.org/conference
- d. **12th American Delirium Society Meeting**
 - i. **Dates: June 12 – 14, 2022**
 - ii. Location (**in-person conference**): Indianapolis, USA
 - iii. Register & info here: <https://americandeliriumsociety.org/events/ads-2022-indianapolis-in/>
- e. **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>
- f. **Fundamentals of ICU Rehab training by Chris Perme, PT CCS FCCM**
 - i. More info: www.permeseminars.com
- g. **For info about ICU & post-ICU functional measures, see: www.ImproveLTO.com**
 - i. This website was created from a NIH-funded grant for improving outcomes measurement in critical care research
 - ii. There is 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 & Portuguese translations available (see www.ImproveLTO.com)
 4. Japanese, & Italian translation are “in process”
 5. FSS-ICU version for **retrospective assessment** of patient’s pre-ICU **baseline status** is at above website

h. **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

i. **ICU Rehab eResource Sheet is attached**

i. share with colleagues; latest version available via: <https://icurehabnetwork.org/resources/>

2. **COVID Publications**

1. Inspiratory Muscle Training Post-COVID-19 Recovery: RCT <https://bit.ly/34lgUEB>
2. Awake Prone Position in Non-intubated COVID-19: Meta-analysis <https://bit.ly/3KSOHVf>
3. Clinical Decision-Making for PT in ICU for COVID-19 <https://bit.ly/3prGaAh>
4. 6-Month Outcomes of COVID-19 vs Non-COVID-19 <https://bit.ly/3HV3wo8>
5. 1-Year Follow-Up of COVID-19 Pts Requiring Ventilation <https://bit.ly/35mVCH4>
6. Occurrence & Associated Factors of ICU-Acquired Weakness Post-COVID-19: <https://bit.ly/35xrn0m>
7. Business Case for Post-COVID Clinic <https://bit.ly/3IPdyII>
8. COVID-19 Changes in Brain Structure in UK Biobank <https://go.nature.com/35HvTJB>
9. Risk factors & Abnormal CSF in Cognitive Post-Acute Sequelae of COVID-19 <https://bit.ly/3IOc2pz>
10. 1-Year Trajectory of Cognitive Changes in COVID-19 in China <https://bit.ly/3tZln8P>
11. Neuro-psych & Cognitive Sequelae after Hospitalization for COVID-19 Vs Non-COVID-19 <https://bit.ly/381aIIF>
12. New-Onset Dementia in COVID-19 <https://bit.ly/3u0YYHX>
13. Cognitive-Behavioral Treatment for Mental Health in COVID-19 <https://bit.ly/3iunwUJ>

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

Rehab

1. Effects of Early Rehab on Functional Outcomes after CABG: RCT <https://bit.ly/3JSGccP>
2. Rehab for Very Low Birth Weight Infants: Feasibility RCT <https://go.nature.com/3CsOTaE>
3. Early Mobilization Using Mobile Patient Lift in ICU: Protocol for RCT <https://bit.ly/3MEWB6i>
4. Mobilizing Severe Acquired Brain Injury Pts in ICU: Randomized cross-over trial Protocol <https://bit.ly/3LlqJSN>
5. Impact of Physical Medicine & Rehab on Clinical Outcomes in SICU <https://bit.ly/3tIm99Q>
6. Early Mobilization in Acute Stroke: Systematic Review <https://bit.ly/3MBtxg7>
7. Ambulation to Prevent DVT in Hospitalized Pts: Sys review <https://bit.ly/3tJAYKw>
8. Caregiver Perceptions of Mobility & Communication Protocol in PICU <https://bit.ly/3HRSgcb>
9. Staff Perceptions of Early Mobilization in ICU: Qualitative Study <https://bit.ly/3LJbQdl>
10. Early Mobilization in ICU: Single-Center Retrospective Study <https://bit.ly/3tL0yPr>
11. Effect of ICU PT Frequency on Functional Improvement & Discharge Home <https://bit.ly/36pgj5o>
12. Practices, Interventions & Barriers for ICU Occupational Therapy in Australia: Survey <https://bit.ly/3LqYaTR>

Strength, Mobility & Function

13. PT Perspectives on 3 Physical Function Measures in ICU <https://bit.ly/3hvgTKT>
14. Functional Behavior Assessment using Ecological Momentary Assessment Post Stroke <https://bit.ly/3CXu4EG>

Outcomes after ICU, and Patient Outcomes Research

15. Enteral Opioids at Discharge in Opioid Naïve Non-SICU Pts: Cohort study <https://bit.ly/3MzPOuz>
16. PTSD Clusters in Surrogate Decision Makers of Pts with Chronic Critical Illness <https://bit.ly/3tBPq7r>

17. Outcomes after Direct Discharge Home from ICUs: Population-Based Study <https://bit.ly/3I8BFRz>
18. Socioeconomic Disadvantage & Post-Intensive Care Syndrome <https://bit.ly/3vOLPV3>
19. Long-term Neurocognitive Morbidity after Respiratory Failure in PICU <https://bit.ly/3Capv9K>
20. Acute Respiratory Failure in Early Childhood & Long-term Neurocognitive Outcomes <https://bit.ly/3vu5LFP>
21. Baseline Cognition & Delirium effect on Long-term Cognitive Impairment & Mortality <https://bit.ly/34RNbn2>
22. Risk of Dementia & Structural Brain Changes after Non-neurological Infections <https://bit.ly/3quBUkd>
23. Findings of Critical Illness to Explain Myalgic Encephalomyelitis/Chronic Fatigue Syndrome <https://bit.ly/3CSFgSI>

Delirium, Sleep

24. Prophylactic Melatonin for ICU Delirium (Pro-MEDIC): RCT <https://bit.ly/36UgSVf>
25. Ketamine vs. Haloperidol to Prevent Postop Delirium: RCT <https://bit.ly/3hLjtmr>
26. 2021 Korean SCCM Guidelines for Pain, Agitation, Delirium, Immobility & Sleep <https://bit.ly/3thOsgE>
27. ICU Delirium after Cognitive Exercise: Meta-analysis <https://bit.ly/3j5Mf1X>
28. Rehab on Incidence of Delirium & Cognitive Impairment in Hospital: Sys Review <https://bit.ly/3iAmrKO>
29. Delirium-Motor Subtypes in ICU: Scoping Review <https://bit.ly/3sPoiS2>
30. Comparison of Delirium Detection Tools in Acute Care <https://bit.ly/3fr1wEy>
31. Validation of Family Confusion Assessment Method in ICU Delirium <https://bit.ly/3tPRs3L>
32. No-Visitation Policy & Delirium in ICU <https://bit.ly/3CCQoU0>
33. Baseline Cognition & Delirium effect on Long-term Cognitive Impairment & Mortality <https://bit.ly/34RNbn2>

Psychology

34. PTSD Clusters in Surrogate Decision Makers of Pts with Chronic Critical Illness <https://bit.ly/3tBPq7r>
35. Musical Intervention in ICU Medical Procedures: Pilot RCT <https://bit.ly/36xpbWD>

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**