

Publications

Book Chapters

1. Chao DC, Scheinhorn DJ. Weaning from mechanical ventilation. *In* Tharratt S, (ed): Mechanical Ventilation (Critical Care Clinics, vol 14). Philadelphia, W.B Saunders, 1998; 799-817
2. Scheinhorn DJ, Stearn-Hassenpflug MA. Provision of long term mechanical ventilation. *In* Tharratt S, (ed): Mechanical Ventilation (Critical Care Clinics, vol 14), Philadelphia, W.B Saunders, 1998; 819-832
3. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M. Approach to the patient with long term failure. *In* Manthous C, (ed): Liberation from Mechanical Ventilation, Part II (Respiratory Care Clinics of North America, vol 6), Philadelphia, W.B. Saunders, 2000; 437-461.
4. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M. Liberation from Prolonged Mechanical Ventilation. *In* Nierman N, Nelson J, (eds): The Chronically Critically Ill. Philadelphia, W.B. Saunders, Crit Care Clin 2002 Jul;18(3):569-95

Journal Articles

1. Pandya K, Lal C, Scheinhorn DJ, Day K, Sharma O. Hypothyroidism and ventilator dependency. *Arch Intern Med* 1989; 149:2115-2116.
2. DJ Scheinhorn, B Artinian, J Catlin. Weaning from prolonged mechanical ventilation: The experience at a regional weaning center. *Chest* 1994; 105:534-539.
3. DJ Scheinhorn, M Hassenpflug, B Artinian, L LaBree, J Catlin. Predictors of weaning after 6 weeks of mechanical ventilation. *Chest* 1995; 107:500-505.
4. DC Chao, M Hassenpflug, OP Sharma. Multiple lung masses, pneumothorax, and psychiatric symptoms in a 29-year old African-American woman. *Chest* 1995; 108:871-873.
5. M Stearn-Hassenpflug, DJ Scheinhorn, DC Chao. Post-weaning issues. *RT* 1996; 9:65-68.
6. DJ Scheinhorn, DC Chao, M Stearn-Hassenpflug, LD LaBree, DJ Heltsley. Post-ICU mechanical ventilation: treatment of 1,123 patients at a regional weaning center. *Chest* 1997; 111:1654-59.

7. DC Chao, DJ Scheinhorn, M Stearn-Hassenpflug. Patient-ventilator trigger asynchrony in prolonged mechanical ventilation. *Chest* 1997; 112:1592-99.
8. DC Chao, DJ Scheinhorn, M Stearn-Hassenpflug. Impact of renal dysfunction on weaning from prolonged mechanical ventilation. *Crit Care* 1997; 1:101-104.
9. DJ Scheinhorn, DC Chao, M Stearn-Hassenpflug, WA Wallace. Outcomes in post-ICU mechanical ventilation: a therapist-implemented weaning protocol. *Chest* 2001; 119:236-242
10. DJ Scheinhorn, DC Chao, MS Hassenpflug, DR Gracey. Post-ICU weaning from mechanical ventilation: the role of long-term facilities. *In* MacIntyre N, (ed): *Weaning and Discontinuation of Mechanical Ventilation* (supplement). *Chest* 2001; 120:482S-484S
11. MacIntyre NR, Cook DJ, Ely EW, Epstein SK, Fink JB, Heffner JE, Hess D, Hubmayr RD, Scheinhorn DJ. Evidence-based guidelines for weaning and discontinuing ventilatory support: a collective task force facilitated by the American College of Chest Physicians; the American Association of Respiratory Care; and the American College of Critical Care Medicine. *Chest* 2001; 120:375S-395S
12. DJ Scheinhorn, DC Chao, MS Hassenpflug, DR Gracey. Post-ICU weaning from mechanical ventilation: the role of long-term facilities. *For* Evidence-based guidelines for weaning and discontinuing ventilatory support: a collective task force facilitated by the American College of Chest Physicians; the American Association of Respiratory Care; and the American College of Critical Care Medicine. MacIntyre N, (ed). *Respir Care* 2002; 47:69-90
13. HL Du, M Ohtsuji, M Shigeta, DC Chao, K Sasaki, Y Usuda, Y Yamada. Expiratory asynchrony in proportional assist ventilation. *Am J Respir Crit Care Med* 2002; 165:972-977
14. NR MacIntyre, SK Epstein, SS Carson, DJ Scheinhorn, KL Christopher, SR Muldoon. Management of patients requiring prolonged mechanical ventilation: report of a NAMDRRC consensus conference. *Chest* 2005; 128:3937-3954
15. Scheinhorn DJ, Hassenpflug MS, Votto JJ, et al. Ventilator-dependent survivors of catastrophic illness transferred to 23 long term care hospitals for weaning from prolonged mechanical ventilation. *Chest* 2007; 131:76-84
16. Scheinhorn DJ, Hassenpflug MS, Votto JJ, et al. Post-ICU mechanical ventilation at 23 long term care hospitals: a multicenter outcomes study. *Chest* 2007; 131:85-93
17. Chao DC, Scheinhorn DJ. Determining the best threshold of rapid shallow breathing index in a therapist-implemented patient specific weaning protocol. *Resp Care* 2007; 52(2):159-165

18. Hassenpflug MS, Jun D, Nelson DR and Dolinay T. Post-COVID recovery: characteristics of chronically critically ill patients admitted to a long-term acute care hospital [version 2; peer review 2: 2 approved] F1000 Research 2021, 9:1241 (first published 15 October 2020)
19. Dolinay T, Jun D, Maller A, et al. Quantitative image analysis in COVID-19 acute respiratory distress syndrome: a cohort observational study. [version 2; peer review: 1 approved] F1000 Research 2022, 10:1266 (first published 09 December 2021)
20. Dolinay T, Jun D, Chen L, Gornbein J. Mechanical ventilator liberation of patients with COVID-19 in long-term acute care hospital. Chest 2022 Jun; 161(6): 1517-1525

Editorials

1. Scheinhorn DJ. Allergistis non Carborundum. Chest 1989;96:1222. (Editorial)
2. DJ Scheinhorn. Outcomes of post-ICU care — once more the half full/empty glass. Crit Care Med 2000; 28:257-258.
3. Chao DC, Stearn-Hassenpflug M, Scheinhorn DJ. The challenge of prolonged mechanical ventilation: a shared global experience. Resp Care 2003; 48(7):668-669.
4. Chao DC, Scheinhorn DJ. Look before you leap. Crit Care Med. 2003 Dec; 31(12):2808-2809

Letters and Communications

1. DC Chao. Collapsible airways contributing to airflow limitation. Chest 1995; 108:1182 (letter).
2. DC Chao, DJ Scheinhorn. Barotrauma vs. volutrauma. Chest 1996; 109:1127-1128. (Communication)
3. DC Chao, DJ Scheinhorn. Measuring the total expiratory time constant. Crit Care Med 1996; 24: 2071-2072 (Communication)
4. DJ Scheinhorn. Outcomes after long-term acute care: an analysis of 133 mechanically ventilated patients. Am J Resp Crit Care Med 1999;160:1788-1789 (Communication)
5. DJ Scheinhorn. The impact of long-term acute care facilities on the outcome and cost of care for patients undergoing prolonged mechanical ventilation. Where's the Beef? Crit Care Med 2000; 28:3772-3773 (Communication)

Abstracts

1. Scheinhorn DJ, Ho C. Avoiding Home Mechanical Ventilation. *Chest* 1991; 100:335 (Abstract)
2. Scheinhorn DJ. Increase in serum albumin and decrease in body weight correlate with weaning from prolonged mechanical ventilation. *ARRD* 1992; 145:A522. (Abstract)
3. Kalkat GS, Scheinhorn DJ. Upper airway inspection before decannulation is advised in tracheotomized patients following long term mechanical ventilation. *ARRD* 1992; 145:A521. (Abstract)
4. Scheinhorn DJ, Marzban S, LaBree L. Age, absence of decubitus ulcers, measurements of gas exchange, and selected laboratory tests correlate with weaning from prolonged mechanical ventilation. *Chest* 1992; 102: 185S. (Abstract)
5. Scheinhorn DJ, Artinian B, LaBree L, Catlin J. Predictors of weaning after six weeks of mechanical ventilation. *ARRD* 1993; 147: A874. (Abstract)
6. Scheinhorn DJ, Artinian B, Wakeman J, LaBree L, Catlin J. Effect of pressure support ventilation on weaning success in long term ventilator dependent patients: Analysis using normalization by A-a gradient and graphic data display. *Chest* 1993; 103: 271S. (Abstract)
7. Scheinhorn DJ, Artinian B, Catlin J. Weaning from prolonged mechanical ventilation: The experience at a regional weaning center. *Chest* 1994; 105: 534-39.
8. DJ Scheinhorn, M Hassenpflug, GS Kalkat, B Artinian, L LaBree. Weaning after prolonged mechanical ventilation: Stoma button use after bronchoscopy in tracheotomized patients. *Am J Respir Crit Care Med* 1994; 149:A640.
9. A Rothfeld, DC Chao, DJ Scheinhorn. Dead-space ratio (VD/VT) as a predictor of weaning outcome in MICU patients. *Chest* 1995; 108:135S.
10. DC Chao, DJ Scheinhorn, M Hassenpflug, B Artinian, J Catlin. Rapid shallow breathing index (RSBI) in prolonged ventilator dependency. *Chest* 1995; 108:190S.
11. DJ Scheinhorn, DC Chao, MA Hassenpflug, DJ Heltsley. Weaning outcome, disposition, and survival in 991 patients after prolonged mechanical ventilation. *Am J Resp Crit Care Med* 1996; 153:A612.
12. DC Chao, DJ Scheinhorn, MA Hassenpflug. Energy expenditure of patients weaning from prolonged mechanical ventilation. *Am J Resp Crit Care Med* 1996; 153:A610.
13. DC Chao, DJ Scheinhorn, MA Hassenpflug. Patient-ventilator trigger asynchrony in prolonged mechanical ventilation. *Chest* 1996; 110:183S.
14. CK Ho, DR Nelson, DJ Scheinhorn, DC Chao, MA Hassenpflug. Percutaneous dilational tracheostomy with bronchoscopy at a regional weaning center. *Chest* 1996; 110:75S
15. DC Chao, DJ Scheinhorn, MA Stearn-Hassenpflug, J Gopez. Impact of renal dysfunction on weaning from prolonged mechanical ventilation in 1,077 ventilator dependent patients. *Crit Care Med* 1997; 25: A111
16. MA Stearn-Hassenpflug, DC Chao, DJ Scheinhorn, LD LaBree, J Gopez. Relationship of skin integrity status to success of weaning attempts and other outcome measures in 1,109 ventilator-dependent patients in the post-ICU setting. *Crit Care Med* 1997; 25: A112

17. DJ Scheinhorn, DC Chao, MS Hassenpflug, CK Ho, DR Nelson, RA Leppy. Post-ICU Mechanical Ventilation: Results of a Therapist-Implemented Patient-Specific (TIPS[®]) Weaning Protocol. *Am J Resp Crit Care Med* 1999; 159:A373
18. DJ Scheinhorn, DC Chao, MS Hassenpflug, CK Ho, DR Nelson, RA Leppy. Post-ICU Mechanical Ventilation: Compliance with a Therapist-Implemented Patient-Specific (TIPS[®]) Weaning Protocol. *Am J Resp Crit Care Med* 1999; 159:A373
19. DC Chao, DJ Scheinhorn, WA Wallace, MS Hassenpflug. Heat and Moisture Exchanger Use with Portable Ventilators May Permit Patient-Ventilator Disconnect without Alarm. *Am J Resp Crit Care Med* 1999; 159:A373
20. WA Wallace, DC Chao, DJ Scheinhorn, S Molinari. Post-ICU mechanical ventilation: results of a therapist-implemented patient specific (TIPS) weaning protocol. *Respir Care* 1999;44(10):1265
21. DJ Scheinhorn, DC Chao, M Stearn-Hassenpflug, WA Wallace. Post-ICU mechanical ventilation – treatment of 1575 patients over 11 years at a regional weaning center. *Am J Respir Crit Care Med* 2000; 161:A793
22. DJ Scheinhorn, DC Chao, M Stearn-Hassenpflug, WA Wallace. Utility of RSBI in a therapist-implemented protocol for weaning from prolonged mechanical ventilation in the post-ICU setting. *Am J Respir Crit Care Med* 2000; 161:A791
23. KL Coffman, DJ Scheinhorn, DC Chao, M Stearn-Hassenpflug. Diagnostic psychiatric consultation at a long-term acute care hospital that specializes in weaning from prolonged mechanical ventilation and pulmonary rehabilitation. *Chest* 2000; 118:164S
24. J Brock, DC Chao, M Stearn-Hassenpflug, DJ Scheinhorn, CK Ho. Objective measures of function and quality of life show sustained improvement after inpatient pulmonary rehabilitation. *Am J Respir Crit Care Med* 2001;163:A647
25. DC Chao, DJ Scheinhorn, M Stearn-Hassenpflug, M Agatep. Improved outcome in weaning patients with severe renal dysfunction from prolonged mechanical ventilation. *Am J Respir Crit Care Med* 2001; 163:A889
26. DC Chao, DJ Scheinhorn, M Stearn-Hassenpflug. Determining best threshold of rapid shallow breathing index (RSBI) in the therapist-implemented patient-specific (TIPS[®]) weaning protocol. *Am J Respir Crit Care Med* 2001; 163:A889
27. DC Chao, HL Du, CSH Sassoon. Expiratory synchrony during proportional pressure support (PPS) ventilation – a bench study. *Am J Respir Crit Care Med* 2001; 163:A303
28. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M. Post-ICU mechanical ventilation – treatment of 2,048 patients over 14 years at a regional weaning center. *Chest* 2002; 122:37S.
29. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M. Post-ICU mechanical ventilation – treatment of 2,048 patients over 14 years at a regional weaning center. *Chest* 2002; 122:37S.
30. Scheinhorn DJ, Chao DC, Doig GS, Epstein SK, Knight B, Petrak RA, Pitt EA, Votto JJ, and the Ventilation Outcomes Study Group. Post-ICU mechanical ventilation: a multicenter outcomes study. *Chest* 2002; 122:153S.
31. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M, Doig GS, Epstein SK, Knight B, Petrak RA, Pitt EA, Votto JJ, and the Ventilation Outcomes Study Group. Ventilator-dependent survivors of catastrophic illness: a multicenter outcomes study. *Crit Care Med* 2003; 30:A26

32. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M. Post-ICU mechanical ventilation - treatment of 2171 patients over 14 years at a regional weaning center. *Am J Respir Crit Care Med* 2003;167(7):A458.
33. Chao DC, Scheinhorn DJ, Van Sloten ES, Ho CK, Leiby RA. Effect of inflation of the tracheostomy balloon cuff on aspiration of supraglottic contents during swallowing. *Am J Respir Crit Care Med* 2003;167(7):A787.
34. Scheinhorn DJ, Chao DC. Provision of heat and humidity during self-breathing trials in weaning tracheotomized patients from prolonged mechanical ventilation. *Am J Respir Crit Care Med* 2003;167(7):A458.
35. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M, Doig GS, Epstein SK, Knight B, Petrak RA, Pitt EA, Votto JJ, and the Ventilation Outcomes Study Group. Ventilator-dependent survivors of catastrophic illness: a multicenter outcomes study. *Am J Respir Crit Care Med* 2003;167(7):A458.
36. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M, Doig GS, Epstein SK, Knight B, Petrak RA, Pitt EA, Votto JJ, for the Ventilation Outcomes Study Group. Ventilator-dependent survivors of catastrophic illness: a multicenter outcomes study. *Chest* 2003; 124:111S.
37. Scheinhorn DJ, Chao DC, Stearn-Hassenpflug M, Doig GS, Epstein SK, Knight B, Petrak RA, Pitt EA, Votto JJ, for the Ventilation Outcomes Study Group. Post-ICU mechanical ventilation at long term hospitals: a multicenter outcomes study. *Respir Care* 2003;48(11):1131
38. DJ Scheinhorn, DC Chao, MD, MA Stearn-Hassenpflug, MS, RD, GS Doig, PhD, SK Epstein, MD, EB Knight, MD, RA Petrak, MD, EA Pitt, MD, JJ Votto, MD and the Ventilation Outcomes Study Group. Functional Status Before and After Prolonged Mechanical Ventilation: A Multicenter Outcomes Study. *Am J Respir Crit Care Med* 2004; 169(7):A43
39. DJ Scheinhorn, DC Chao, MD, MA Stearn-Hassenpflug, MS, RD, GS Doig, PhD, SK Epstein, MD, EB Knight, MD, RA Petrak, MD, EA Pitt, MD, JJ Votto, MD and the Ventilation Outcomes Study Group. Infectious Complications in Weaning from Prolonged Mechanical Ventilation at Long Term Hospitals: Preliminary Report from a Multicenter Study. *Am J Respir Crit Care Med* 2004; 169(7):A44
40. DJ Scheinhorn, M Stearn-Hassenpflug, DC Chao, C Palma. Post-ICU Mechanical Ventilation: Treatment of 2,369 Patients Over 16 Years at a Regional Weaning Center. *Chest* 2004;126:750S
41. DJ Scheinhorn, M Stearn-Hassenpflug, DC Chao, C Palma. Post-ICU Mechanical Ventilation: Functional Status Before and After Prolonged Mechanical Ventilation. *Chest* 2004;126:870S (*2nd place award, Best Poster in Category, Critical Care*)
42. DJ Scheinhorn, MA Hassenpflug, S Low. Post-ICU mechanical ventilation: weaning outcomes and survival in the very elderly chronically critically ill. *Am J Respir Crit Care Med* 2005; 2:A671
43. DJ Scheinhorn, MA Hassenpflug, DC Chao, H Kim, S Low. Post-ICU mechanical ventilation: relationship of infectious complications to outcomes of weaning from prolonged mechanical ventilation. *Am J Respir Crit Care Med* 2005; 2:A671
44. DJ Scheinhorn, MA Hassenpflug, S Low, DC Chao. Post-ICU mechanical ventilation: relationship of pre-morbid functional status and location to weaning outcome and survival. *Am J Respir Crit Care Med* 2005; 2:A671

45. Scheinhorn DJ, Stearn-Hassenpflug M, Chao D, Doig GS, Epstein SK, Knight EB, Petrak RA, Pitt EA, Votto JJ, for the Ventilation Outcomes Study Group. Post-ICU mechanical ventilation at 23 long term care hospitals: a multicenter outcomes study. *Crit Care Med* 2005; 33(12):A20.
46. Scheinhorn DJ, Hassenpflug MA, Steckart MJ. Survival, functional status, and quality of life after prolonged mechanical ventilation. *Am J Respir Crit Care Med* 2006; 3:A42
47. Scheinhorn DJ, Hassenpflug MA, Cage-Lindsay J, Steckart MJ, Rosenfeld, KR. End-of-life in patients on prolonged mechanical ventilation: a needs assessment for palliative care at a long term acute care hospital. *Am J Respir Crit Care Med* 2006; A302
48. Hassenpflug MA, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: changing population characteristics, weaning outcome, discharge disposition and survival. *Am J Respir Crit Care Med*, Apr 2009;179
49. Hassenpflug MA, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: relationship of premorbid functional status and location to weaning outcome, disposition, and survival. *Am J Respir Crit Care Med*, Apr 2009;179
50. Hassenpflug MA, Steckart MJ, Nelson DR. Extended care facility patients transferred from intensive care to long-term acute care for weaning from prolonged mechanical ventilation. *Chest* 2009; 136:29S
51. Hassenpflug MA, Steckart MJ, Nelson DR. Weaning from prolonged mechanical ventilation: extended care facility residents transferred from intensive care to long-term acute care. *Am J Respir Crit Care Med* 2010; 181:A3034
52. Hassenpflug MA, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: extended care facility residents transferred from intensive care to long-term acute care. *Am J Respir Crit Care Med* 2011; 183:A2377
53. Hassenpflug MA, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: trends in population characteristics, weaning outcome, and discharge disposition. *Am J Respir Crit Care Med* 2012; 185:A3085
54. Hassenpflug MA, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: trends in mortality and 12-month post-discharge survival. *Am J Respir Crit Care Med* 2012; 185:A3086
55. Hassenpflug M, Steckart MJ, Nelson DR. Renal replacement therapy in prolonged mechanical ventilation: update on weaning outcomes and survival. *Am J Respir Crit Care Med* 2013; 187:A1611
56. Stearn-Hassenpflug M, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: trends in population characteristics, weaning outcome, and discharge. *Crit Care Med* 2013; 41(12):A655
57. Stearn-Hassenpflug M, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: trends in mortality and 12-month post-discharge survival. *Crit Care Med* 2013; 41(12):A678
58. Hassenpflug M, Steckart MJ, Nelson DR. Post-ICU mechanical ventilation: weaning outcomes and one year post-discharge survival in the very elderly chronically critically ill. *Am J Respir Crit Care Med* 2014, 189:A4579
59. Payne G, Vela D, Hassenpflug M, Nelson DR, Sasse S, Steckart MJ. Post-ICU mechanical ventilation: outcomes of the revised therapist-implemented patient specific (TIPS[®]) weaning protocol. *Resp Care* 2014; 59 (10):OF65
60. Hassenpflug M, Steckart MJ, Nelson DR. Chronic critical illness: updates to weaning outcomes at a regional weaning center. *Am J Respir Crit Care Med* 191; 2015:A1192

61. Hassenpflug M, Vela D, Sandoval R, Nelson DR, Sasse S, Steckart MJ. Post-ICU mechanical ventilation: outcomes of the revised therapist-implemented patient specific (TIPS[®]) weaning protocol. *Am J Respir Crit Care Med* 191; 2015:A3166
62. Diot S, Hassenpflug M, Steckart MJ. Chronic critical illness: emerging post-acute care nutrition practice population for CNSCs. *JPEN* 40; 2016:S49
63. Diot S, Hassenpflug M, Steckart MJ. Chronic critical illness: association between vitamin D status and weaning from prolonged mechanical ventilation. *JPEN* 40; 2016:S50
64. Hassenpflug M, Steckart J, Nelson DR. Chronic critical illness: influence of etiology of ventilator dependency on weaning outcomes at a regional weaning center. *Am J Resp Crit Care Med* 193; 2016:A5284
65. Hassenpflug M, Steckart J, Nelson DR. Chronic critical illness: updates to weaning outcomes at a regional weaning center. *Am J Resp Crit Care Med* 193; 2016:A5285
66. Hassenpflug M, Steckart J, Nelson DR. Chronic critical illness: updates to patient characteristics and weaning outcomes at a regional weaning center. *Chest* 2016;150(4_S):314A
67. Hassenpflug M, Steckart J, Nelson DR. Post-ICU mechanical ventilation: weaning outcomes of selected subpopulations at a regional weaning center. *Chest* 2016;150(4_S):319A
68. Hassenpflug M, Steckart J, Nelson DR. Chronic critical illness: influence of etiology of ventilator dependency on weaning outcomes at a regional weaning center. *Chest* 2016;150(4_S):323A
69. Hassenpflug MS, Nelson DR, Steckart J. Outcomes in chronic critical illness: continuous improvement at a regional weaning center. *Am J Respir Crit Care Med* 2018;197:A5154
70. Shah M, Mohan A, Nelson DR, Hassenpflug MS. Chronic critical illness: improving efficiency of care using time-driven activity-based costing methodology. *Am J Respir Crit Care Med* 2018;197:A684
71. Brock J, D'Souza G, Nelson DR, Hassenpflug MS. Sepsis screening in a long-term care hospital: improving timely identification and effective treatment. *Am J Respir Crit Care Med* 2018;197:A3627
72. Hassenpflug MS, Jun D, Dolinay T, Nelson DR. Post-COVID recovery: chronically critically ill patients admitted to a long-term acute care hospital. *Crit Care Med* 2021;49(1):A277
73. Hassenpflug MS, Nelson DR, Steckart J. Chronic critical illness: continuous improvement at a regional weaning center. *Am J Respir Crit Care Med* 2022;205:A4303
74. Hassenpflug MS, Nelson DR, Steckart J. Post-COVID recovery: outcomes of chronically critically ill patients admitted to a regional weaning center. *Am J Respir Crit Care Med* 2022;205:A2935