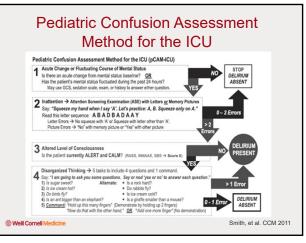
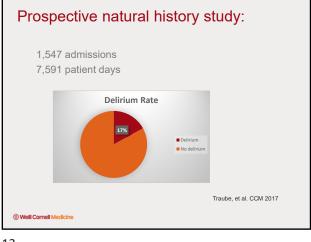


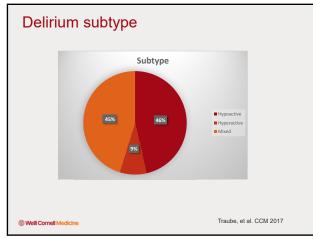
Cornell Assessment of Pediatric Delirium (CAPD) Traube, et al. CCM 2014 Cornell Assessment of Pediatric Delirium (CAP-D) *SAMPLE* RASS Score _____ (if -4 or -5 do not proceed)
Please answer the following questions based on your inte th the p
 Never
 Rarely
 Sometimes
 Often
 Always
 Score

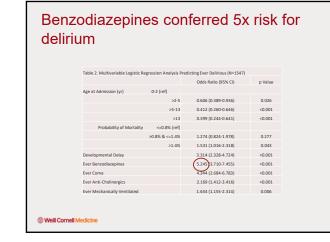
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 <t 1. Does the child make eye contact with the carego X 2 2. Are the child's actions purposeful? 3. Is the child aware of his/her surroundings? х 1 x 2 4. Does the child communicate needs and wants 2 X Ofter Never Rarely 0 1 2 3 4 3 0 5. Is the child restless? X 6. Is the child inconsolable? x 7. Is the child underactive-very little movement while awake? x 0 8. Does it take the child a long time to respond to interactions? x 1 TOTAL 11 Weill Cornell Medicine

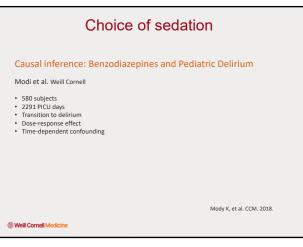




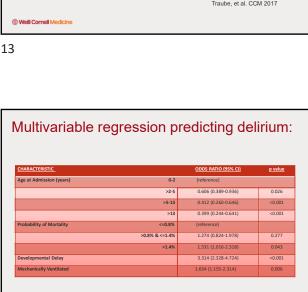






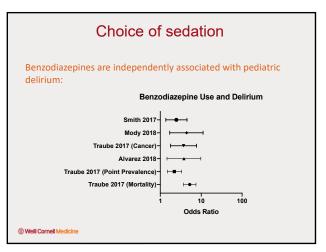


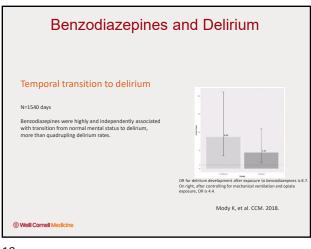


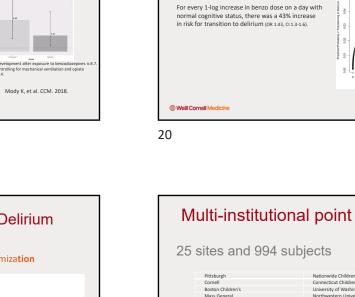


Traube, et al. CCM 2017

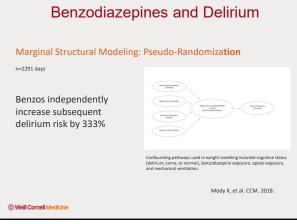
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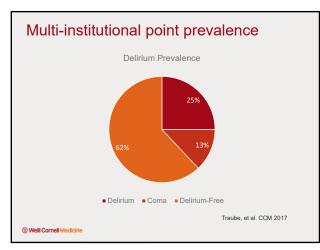




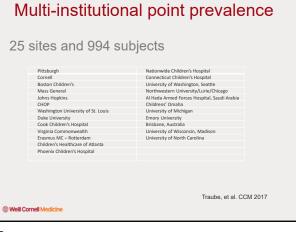
n=1540 days



21







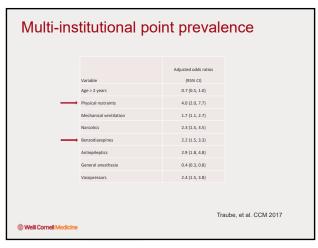
Benzodiazepines and Delirium

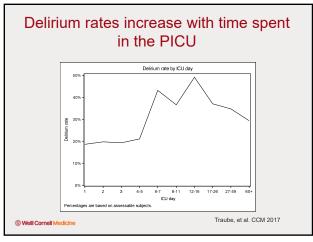
8

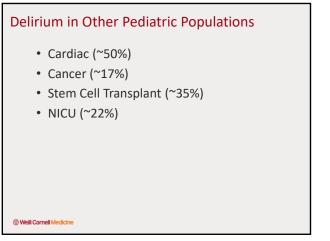
10 15 Iazolam Equivalents Day Prior (mg/kg/day)

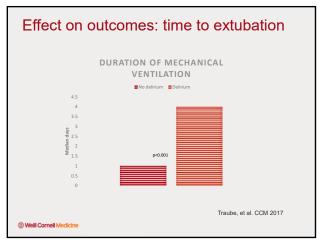
Mody K, et al. CCM. 2018.

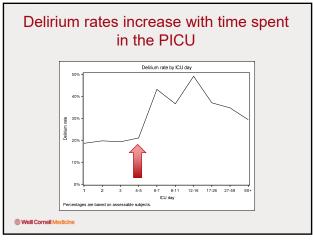
Dose-Dependent Transition to Delirium

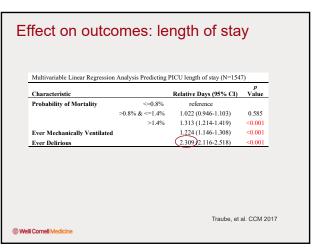






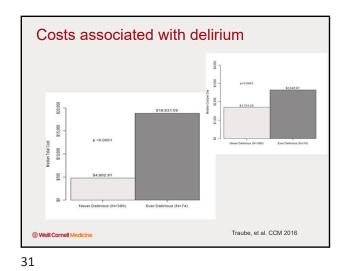






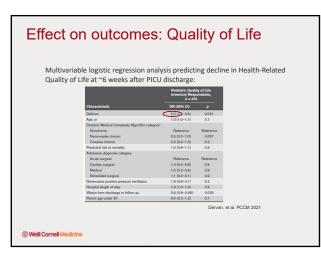
Mechanical ventilation on the PICU (hr) 9.0±187 29.7±39.8 69.0±745 <0.001					
Options Parameter Options 00 Options 01 Options 02 p e(%) 202(34.4) 302(32.3) 31(30.3) Pediatric Index of Mortally 2 121±105 127±0.84 141±0.08 Not significance Mediancial introllation on the PPCU (tv) 30±187 207±38.6 68±274.5 <0001 Time to first ansignificance 10±1.51 20±1.9 37±3.32 <0001		ith Severe Delirit	um (> 24 hr)		ium, With
Pediatric Index of Mortality 2 1.21 ± 106 1.27 ± 0.84 1.41 ± 0.68 Not signific Mechanical ventilation on the PICU (M) 9.0 ± 1.87 29.7 ± 39.8 69.0 ± 74.5 <0.001 Time to first analysis*(d) 1.0 ± 1.0 2.0 ± 1.9 3.7 ± 3.2 <0.001	Outcome Parameter				P
Mechanical ventilation on the PICU (hr) 9.0±187 29.7±39.8 69.0±745 <0.001 Time to first analysis*(d) 1.0±1.0 2.0±1.9 3.7±3.2 <0.001	n (%)	32 (34.4)	30 (32.3)	31 (33.3)	
Time to first analysis*(d) 1.0±1.0 2.0±1.9 3.7±3.2 <0.001	Fediatric Index of Mortality 2	1.21±1.06	1.27±0.84	1.41±0.68	Not significant
	Mechanical ventilation on the PICU (hr)	9.0±18.7	29.7±39.8	69.0±74.5	< 0.001
Length of stay ^a (d) 10.6±7.3 13.5±7.1 21.8±19.7 0.043	Time to first analysis* (d)	1.0±1.0	2.0±1.9	3.7±3.2	< 0.001
	Length of stay ^b (d)	10.6±7.3	13.5±7.1	21.8±19.7	0.043
Level of care (INPULS) 30±0.3 29±0.3 3.3±0.4 <0.001	Level of care (INPULS)	3.0±0.3	29±0.3	3.3±0.4	< 0.001
Oblass scenario commond una libraria / kylados and Statistic Eoro >3 . Construid for Policito idea of Molity / Analine of mechanical variations, and time to ited associated. Values are represend as more \pm us.	*Controlled for Padiatric Index of Mortality 2, duration of				

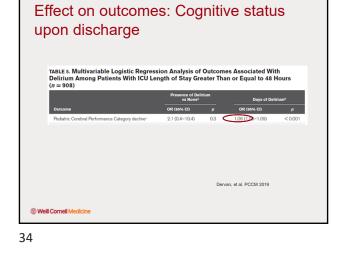


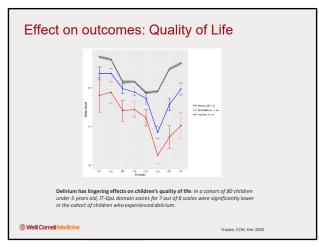


Costs associated with delirium \$80,000 \$75,832.71 P < 0.0001 85% **ts** \$60,000 increase \$560 million in **10** \$40,000 relative **Wedian** \$20,000 costs \$19,681.53 \$9,173.28 \$4,802.91 \$0 0 (N=390) 1 (N=33) 2-3 (N=17) >3 (N=24) Number of Delirious Days Traube, et al. CCM 2016 Weill Cornell Medicine 32

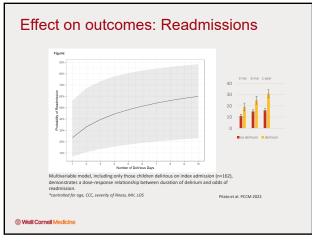
Effect on outcomes Mortality 6.00% 5.24% 5.00% 4.00% 3.00% 0.94% 2.00% 1.00% 0.00% P<.0001 No delirium Multivariable Model (n=1547) Probability of Mortality >1.4% 3.24 4.39 Ever Delirious Traube, et al. CCM 2017 Weill Cornell Medicine

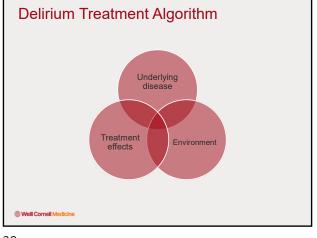


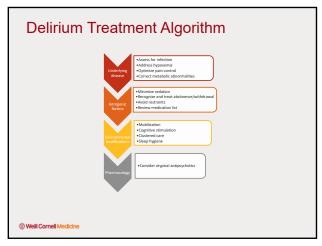


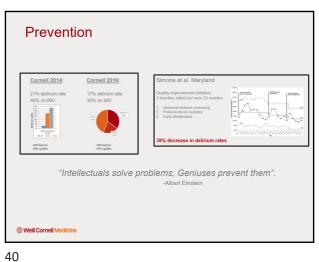




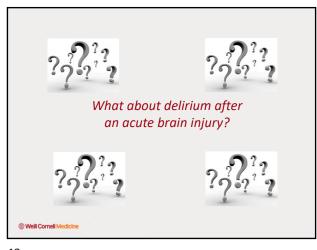










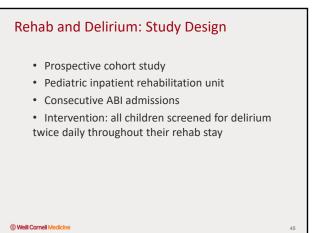


Rehab and Delirium: Critical Questions

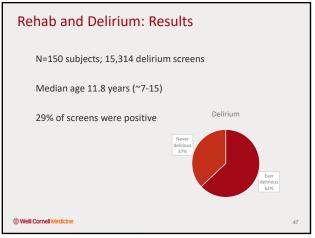
- Delirium is likely a frequent complication after acquired brain injury
- Delirium can be difficult to assess after acquired brain injury
- How does delirium overlap with Post Traumatic Confusional State?
- Can we differentiate between static encephalopathy (new
- post-injury baseline) and superimposed delirium?
- Does it matter?

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45





- Determine feasibility of delirium screening
- Describe prevalence of positive screens
- Explore longitudinal trends in CAPD scores, to discriminate
- between static encephalopathy and gradual improvement
- Explore prognostic significance of delirium in ABI

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