

Learning to be in the Know:

Empowering Nurses with the Cloud to Improve Engagement, Onboarding, and Cost

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Learning Outcomes

- Tactics to Engage and Empower nurses at the bedside through meaningful education and competency.
- Roll out of cloud-based software that is bite sized, flexible, and impactful to improve learning outcomes and decrease costs associated with training.





Simon Holland ✓

@simoncholland



Accidently called a power point presentation a power point presentation instead of a slide deck and now everyone on this Zoom meeting knows I'm 40.



Microlearning-What is THIS?

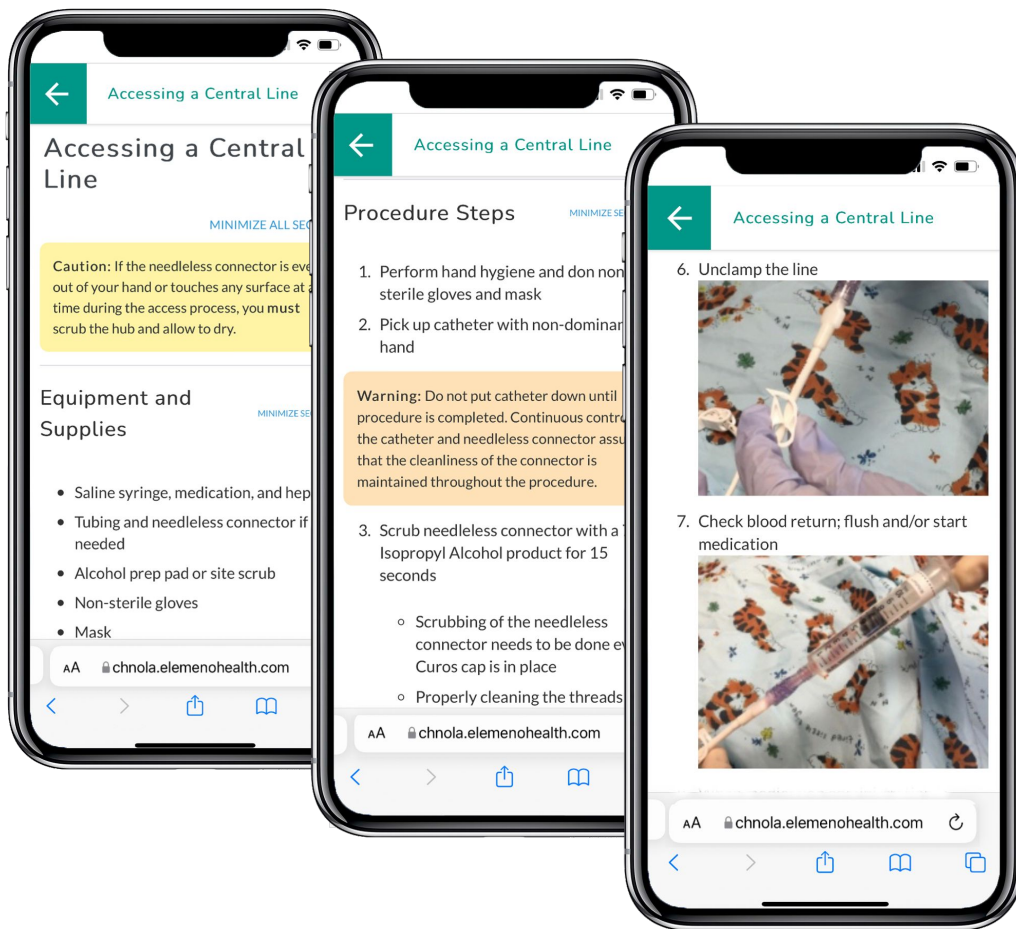
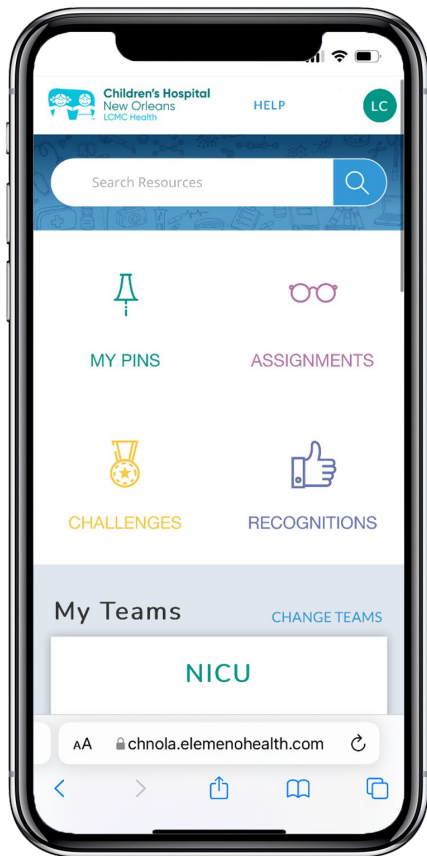
- Small lesson modules
- Step-by-step learning
- “Bite Sized” similar but not the same as “Just in Time Training”



“Positive effect on the knowledge and confidence of health professions students in performing procedures, retaining knowledge, studying, and engaging in collaborative learning.”

De Gagne, J. C., Park, H. K., Hall, K., Woodward, A., Yamane, S., & Kim, S. S. (2019). Microlearning in Health Professions Education: Scoping Review. *JMIR Medical Education*, 5(2), e13997. <https://doi.org/10.2196/13997>





Electronic Devices in the Workplace

- Computers at the Bedside-Not a WOW factor
- Policy
- Knowledge Available



“Been in situations at point-of-care where decisions had been required to be taken based on deficient information, knowledge or experience. Nearly half of the participants found that there is a lot of information available on the Internet but that it is difficult to determine which information is reliable.”

Johansson, P., Petersson, G., Saveman, B.-I., & Nilsson, G. (2014). Using advanced mobile devices in nursing practice – the views of nurses and nursing students. *Health Informatics Journal*, 20(3), 220–231. <https://doi.org/10.1177/1460458213491512>



Generational Learning







Too old for Snapchat,
too young for Life Alert.

Gen X problems, you may not
get it.

Campbell, C. M., & Patrician, P. A. (2020). Generational preferences in the nursing work environment: A dimensional concept analysis. *Journal of Nursing Management*, 28(4), 927–937.



	 Baby boomer 1940–59	 Gen X 1960–79	 Gen Y (millennial) 1980–94	 Gen Z 1995–2010
Context	<ul style="list-style-type: none"> • Postwar • Dictatorship and repression in Brazil 	<ul style="list-style-type: none"> • Political transition • Capitalism and meritocracy dominate 	<ul style="list-style-type: none"> • Globalization • Economic stability • Emergence of internet 	<ul style="list-style-type: none"> • Mobility and multiple realities • Social networks • Digital natives
Behavior	<ul style="list-style-type: none"> • Idealism • Revolutionary • Collectivist 	<ul style="list-style-type: none"> • Materialistic • Competitive • Individualistic 	<ul style="list-style-type: none"> • Globalist • Questioning • Oriented to self 	<ul style="list-style-type: none"> • Undefined ID • “Communaholic” • “Dialoguer” • Realistic
Consumption	<ul style="list-style-type: none"> • Ideology • Vinyl and movies 	<ul style="list-style-type: none"> • Status • Brands and cars • Luxury articles 	<ul style="list-style-type: none"> • Experience • Festivals and travel • Flagships 	<ul style="list-style-type: none"> • Uniqueness • Unlimited • Ethical

<https://www.mckinsey.com/industries/consumer-packaged-goods/our-insights/true-gen-generation-z-and-its-implications-for-companies>

The Buzz around Town

- Engagement
- Participation
- Expansion
- Transdisciplinary
- Content



Request Content

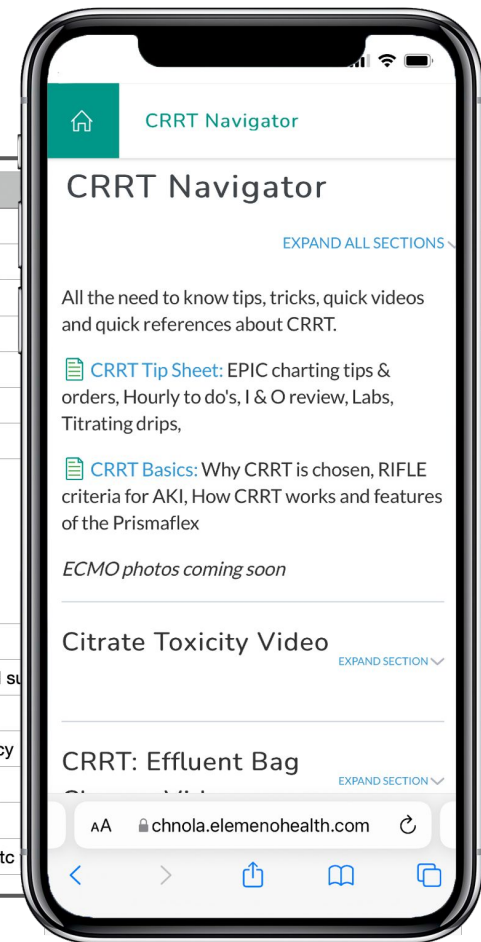
What content would you like to see in Elemeno?

CRRT

Cancel

Send Request

Date	From	Feedback
04/12/19	Adrienne B.	Pacemaker
08/23/19	Sonya H.	IPV ON VENT
09/01/19	Diane D.	ETT documentation
09/10/19	Sofia M.	Comprehensive Respiratory PCR
10/23/19	Patricia P.	CRRT navigator
06/16/20	Rosanne S.	Nitrogen r/t cardiac
07/14/20	Elisee T.	ipv pieces and set up on an intubated patient
09/10/20	John E.	PAPVR Repair What is a PAPVR repair? Pre-op Intra-Op Post-Op
10/22/20	Cynthia I.	Fluid warmer
11/09/20	Shelby H.	Obtaining A-line blood culture proper steps and su
11/11/20	Sarah H.	Nitric oxide via nasal cannula
11/23/20	Adrienne B.	3% hypertonic saline purpose, gas/lab frequency
01/12/21	Catina Z.	Joint Commission challenge
02/15/21	Cynthia J.	Farrel bag
08/13/21	Kasey L.	Video of how to set up arterial line/transducer etc



Recognitions



How Did it work for US?

- Decentralized Model for Nurse Training
- Quality Improvement
- True Competency
- Cost Savings



Cost Savings

- Annual Skills
- Quarterly Competencies
- Preparation
- Next Steps: Onboarding



Key Takeaways

- Nurses want to be able to access information on the cloud and at the bedside that is reliable!
- Implementing can save time and money while improving Quality Outcomes



References

Campbell, C. M., & Patrician, P. A. (2020). Generational preferences in the nursing work environment: A dimensional concept analysis. *Journal of Nursing Management*, 28(4), 927–937.

<https://doi.org/10.1111/jonm.13024>

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