Lehigh Valley Health Network LVHN Scholarly Works

Research Scholars

An Audio-Visual Distraction Technique for a Burn Surgical Patient

Gwendolyn Minogue

Jill Krystofinski MSN, CRNA

Follow this and additional works at: https://scholarlyworks.lvhn.org/research-scholars

Part of the Medicine and Health Sciences Commons

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.

			An Audio-Visual Distraction Gwendolyn Minogue IVHA Lehigh Valley Healt	Il Distraction Technique for a Burn Svendolyn Minogue ¹ ; Jill M. Krystofinski MSN, CRN ^{1.LVHN Summer Researds Scholar} ^{2.LVHN Department of Anesthesia CRNA} Lehigh Valley Health Network, Allentown, Pennsylvania	on Technique for a Burn Surgical Patient gue ¹ ; Jill M. Krystofinski MSN, CRNA ² ^{1 UMN Summer Research Scholar} ^{UMN Department of Anesthesia CRNA ealth Network, Allentown, Pennsylvania}	
	Background	σ		Results		Conclusions
o time erien and d	 Benzodiazepines like Versed – used for anxiety Contribute to feelings of sleepiness and longer wake-up time post-op Informal experience in OR yielded increased patient satisfaction and decreased anxiety when a movie was played during induction 	d for anxiety ness and longer ncreased patient when a movie was	 Project awaiting Institut approval Delays: wanted to take best evaluation system Originally hoped to m 	Project awaiting Institutional Review Board (IRB) approval Delays: wanted to take the time to choose the best evaluation system - Originally hoped to measure anxiety	w Board (IRB) choose the ety	 Ideally, decreasing the need for anti anxiolytics would result in a clinically meaningful reduction in PACU time Current average: 71 minutes Target: 45 minutes in the PACU
s have	Studies have proven that audio-visual distraction (AVD) minimizes anxiety in pediatric and adult	-visual distraction	 Financial impa time in the pos 	Financial impact correlated most directly to the time in the post-anesthesia care unit (PACU)	directly to the unit (PACU)	Future Directions
cohorts stituting this A leed for benz thesia care u	cohorts Substituting this AVD technique could decrease/elir the need for benzos and cut down time in the post- anesthesia care unit (PACU)	cohorts Substituting this AVD technique could decrease/eliminate the need for benzos and cut down time in the post- anesthesia care unit (PACU)	Qualitative expension	e experience had already proven patient	proven patient	 Examine patient anxiety and satisfaction as a primary outcome and correlations to reimbursement Examine nothing passes orally (NPO) time and how this may impact length of stay
fiable	Quantifiable way to test AVD benefits Objective	enefits		and a second sec		 Compare Aldrete scores between control and experimental groups to determine how this affects length of stay
the tin ovie in	To compare the time spent in the PACU between patients eiving the movie intervention and those receiving standarc care.	To compare the time spent in the PACU between patients receiving the movie intervention and those receiving standard of care.			Patient viewing movie as AVDT	References and Acknowledgements
	Methods		Image courtesy of Jill M. Krystofinski, with patient consent	inski, with patient consent		 Jeffs, D., Dorman, D., Brown, S., Files, A., Graves, T., Kirk, E., Meredith-Neve, S., Sanders, J., White, B., Swearingen, C.J. (2014). "Effect of virtual reality on adolescent pain during bum wound care." J
Pt consented, educated	Pre-op holding area:	Continued viewing through	Induction setup, oxygenation	Pt induced; movie turned off,	Time in PACU	 Burn Care Res. 35(5):395-408. doi: 10.1097/BCR.0000000000019. McMahon, O., Athanassoglou, V., Galitzine, S. (2021). "Audiovisual distraction anxiety-minimizing adjuvant to regional anesthesia in adult limb surgery." <i>J. Visual Communication in Medicine</i> 44(4): 166- 173. <u>doi: 10.1080/17453054.2021.1962701</u>.
re: technology	movie begins	transport	while watching	operation proceeds	through Epic	A special thank you to Kyle Shaak and Scott Hamilton for their assistance in statistical planning and data analytics.
004 Labioh Mollou Haalih Mohaadd						LVHN.Org Cehigh Valley
		Here, no Versed drug given	ed drug given			

© 2021 |