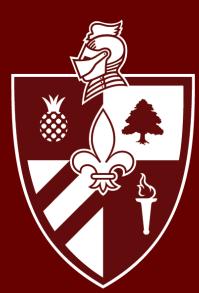
Analyzing the Use of a Long-Term Care Administration Simulation Tool In the Classroom and its Effect of Student Performance







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Preparing Students for Long-Term Care (LTC) Leadership

It is Vital to prepare LTC leadership students to become informed leaders with the required knowledge and skills to support effective patient care and outcomes.

This presentation describes an innovative teaching method that enables senior capstone students to create simulation scenario decisions based on their education and experiences to date and allows them to lead simulations and partake in self-reflection and peer-review activities.



Simulation...









Is considered a valuable educational strategy to prepare students for clinical competence...we now want to change that to allow for administrative competence Bridges the gap between theory and experience

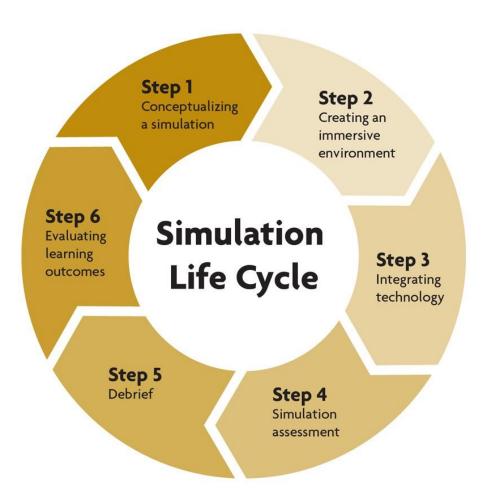
Often follows a similar design (pre-work, implementation of the simulation and debriefing session. Debriefings are generally conducted as a reflective learning experience in which participants review their performance in the simulation and the facilitator provides additional feedback.

Is implemented by using different methods



Situation-Based Assessment (SBA)

A compounding challenge with assessment for health professionals and health students is determining competency of practice. This is a complex but necessary component of education and training. In more recent decades, performance-based assessment practices have gained strong momentum as educators have sought to examine authentic learner performance with the knowledge that these types of assessments are a driving influence on learning and teaching practices. Out of this need for authentic assessment came the adoption of SBA (Ryall, et. al., 2016)





Simulation-based assessments in health profession education: A systematic Review

Journal of Multidisciplinary healthcare 22 February 2016

- An increasing trend to use simulation as an assessment tool, especially for the development of technical-based skills
- Simulation-based assessments should not be used in isolation to make an overall assessment of an individual's clinical and theoretical skills, yet...
- It is expected that simulation-based assessment will become an integral component of health professional curricula and, therefore, it needs to be evidence based and valid.
- Further research is required to determine form of simulation-based assessment that suits in specific health professional learner situations



Our Research Plan – NOT what we expected!

- Timeline: Spring 2020 semester (from January 6th, 2020 until April 24th, 2020)
- Course: HLTH 430 ONSITE Capstone course in Long-Term Care Administration
- Number of Student Participants: 8
- Assessment: Formative, Mid-Point, & Summative Assessment
- Specific Aims:
 - Determine the effectiveness of implementing the BEST Simulation Software program in improving long-term care administration student grades;
 - Isolate the operational, political, technological, social, economic and regulatory variables in conducting simulation training to determine the best pedagogical practices in using the simulation software program with existing textbook and other provided materials.
- Let's talk about the effect of COVID-19 on this class and this research



Our Research Plan – NOT what we expected!

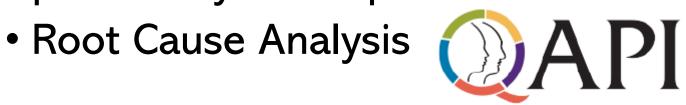
What changed based on the COVID-19 Outbreak:

- 1. Beginning in Week #10 (out of 15 weeks in this semester), the entire course was moved to the fully online format. As a result, students completed the simulation independently and through virtual team meeting sessions.
- 2. The FDB is now utilized as a primary tool to implement the BEST Simulation Software program. Students will continue to isolate the primary variables and conduct simulations each week to determine the political, social, technological, economic and regulatory impact of their administrative decision-making. Created the "Burning Parking Lot" due to COVID-19.
- 3. The final summative assessment was given during Week #14 of the course as the final week was reserved for the student to complete their online final exam and final project that were due the last day of class on April 25, 2020.
- 4. Once the class ended, the data was analyzed for patterns and trends that indicated increased student learning and performance based on the BEST Simulation Software Program.
- 5. Additionally, students will be qualitatively surveyed and asked to share their experience using the program as it relates to the learning outcomes of the course.



Goals of the Simulation

- Understand the cause and effect of individual decisions on operations, finance, resident satisfaction and other influential factors;
- Appreciate the impact of working collaboratively as an individual and as a team, and
- Help individuals determined what skill areas (domains) they may need to enhance their proficiency in the profession.





Why Did I Choose To Participate?



Help students see beyond regulatory compliance issues



Help them stay current in a highly dynamic environment



Provide in-class mentorship to AIT's



Help students to see Patient-Centered Care as a priority



Assist students in seeing the importance of implementing systemic changes and technologies that streamline workflow and enhance operational decision-making



What did we find?

- Increased teamwork, leadership, systems thinking, situational awareness
- Improvement of interpersonal communication skills, team behaviors and team performance
- Has a positive effect on patient safety, financial performance, and student confidence
- Positive effect on leadership & management skills and critical thinking & clinical reasoning skills.



How the model works

Activity from various assumptions and age-related factors influencing demand



Simulating leadership journey through a set of services based on "Domains of Practice"



Whole system, user-configured to represent "what if?" questions



Understanding the "Domains of Practice" used within BEST



Customer Care, Support, & Services



Human Resources



Finance & Reimbursement



Environment



Leadership & Management



Information Technology



Miscellaneous/Other



Baseline Information: BEST Nursing & Rehabilitation

- Introduction
- Section I: Getting to Know us
 - Mission, Vision, Values
 - Resources at your disposal
- Section II: Getting to know your Facility: Baseline
 - Contact Information
 - Facility Information
 - Senior Leadership Team Information
 - Resident Profile Information (for the prior month)
 - Staffing Information (for the prior month)
- Section III: Getting to know your Facility: Plant Operations
- Section IV: Getting to know our Facility: Accounting/Finance
- Section V: Getting to know your Facility: Resident Care
- Section VI: Getting to know your Facility: Human Resources
- Section VII: Getting to know your Facility: Leadership & Team Issues
- Section VIII: Where Do I go From Here?



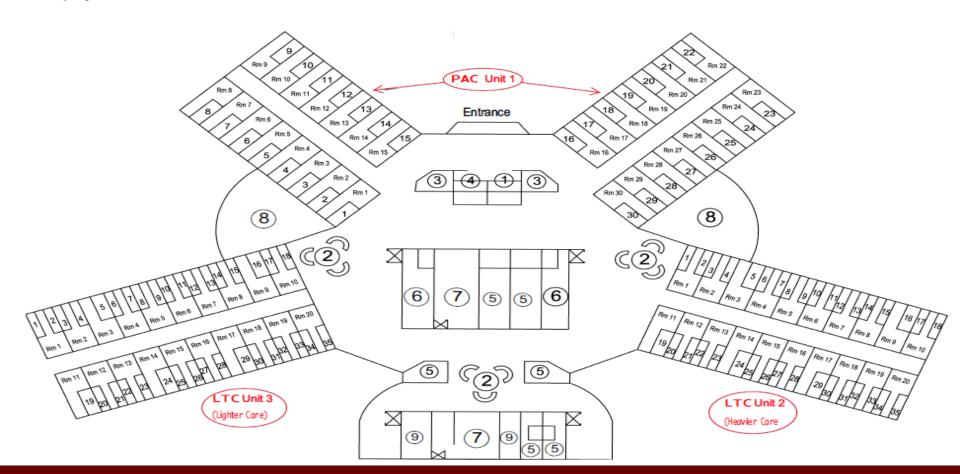
Month 1: First Scenario Initial Assessment

- How you play the game
 - 1. Read the Getting Oriented Article and look at the checklist.
 - -2. Review the Building Layout
 - -3. Look at the Census data.
 - 4. Look at the Nursing staffing details
 - -5. Go to the Input page.
 - -6. Go back to the Control page and then push the button to Run Next Month. You will then Pause and look at the results.
 - -7. Discussion time...



- Administration
- 2. Lounge
- 3. Nurse Station
- 4. Pharmacy
- 5. Medical / Service
- 6. Laundry
- 7. Living / Dining Room
- 8. Sunroom
- 9. Employee Facilities

BEST Nursing Home Floor Plan





INPUTS

		Starting			Г				Π					
Team Name:	Units	Value	Mon	th 1	Mon	th2	Mon	th 3	Mon	th 4	Mon	th 5	Mon	th 6
Human Resources	•		Н	L	Н	L	Н		Н	L	Н	L	Н	L
Nurse Staffing	# Pers	5												
CNA Staffing	# Pers	25												
Houskeeping Staffing	# Pers	3												
Training										•				
Initial Training	Hours/Hire	4												
Weekly Training	Min/Week/Pers	10												
Management Time									•					
on Budget Control	Hours/Week	2												
on Census Development	Hours/Week	2												
on Revenue Enhancement	Hours/Week	1												
on Staff Development	Hours/Week	2												
Managing by Walking Around	Hours/Week	3												
Total Management Hours Planned	Hours/Week	10												
Food and Maintenance	•	•												
Food Cost	\$/Patient/Day	\$4.25												
Maintenance Hours	Hours/day	4												
Activities	•													
Special Activities	Events/Year	14												
Weekly Activities	Hours/Week	4												
Activities Supplies Cost	\$/Patient/Day	\$0.25												
Policies														
Medicaid Bed Target	# Patients	40												
Policy Days to PAC	Days	4												
Policy - LTC Complex	Days	4												
Marketing Promotion														
Web Site Expense	\$/Week	\$0												
Direct Marketing	\$/Week	\$0												
			-						-					



RESULTS

		Starting						
Team Name:	Units	Value	Month 1	Month2	Month 3	Month 4	Month 5	Month 6
Human Resources								
Nurse Staffing	# Pers	5						
CNA Staffing	# Pers	25						
Houskeeping Staffing	# Pers	3						
Census By Payor Type								
Medicare A	# Patients	14						
Managed Medicare	# Patients	10						
Medicaid	# Patients	25						
Private Pay	# Patients	3						
Skilled Insurance	# Patients	5						
Total Patients	# Patients	57						
Census by Wing					•			
PAC	# Patients	17						
LTC Complex	# Patients	18						
LTC Light	# Patients	22						
Financial								
Total Revenue (Month)	\$	606,839						
Total Expense	\$	564,911						
NOI	\$	41,928						
NOI %	%	6.9%						
Nursing								
Acuity Hours	Hours/Day	148.7						
Direct Care Hours Delivered	Hours/Day	158.0						
Turnover	%	6.9						
Performance Indexes								
Patient Satisfaction	Index	86.1						
Employee Satisfaction	Index	102.0						
Team Score	Index	59.4						



Month 2: Focus on Marketing

- Based on the simulation:
 - -Overall
 - What are the things that you can control that will drive the census up?
 - What was your strategy? Why?
 - Is it working? Why or why not?



Month 2: Focus on Marketing

- Practices in the field today...
 - -What have you been using for marketing that has been working?
 - -Where have you been targeting your efforts?
 - -What are some of the key trends you are focusing on?
 - -How will the new PDPM payment model affect your marketing decisions in the near future?



Month 3: Focus on Staff

- Based on the simulation, what have you learned about...
 - -Staff
 - Employee Satisfaction
 - Turnover
 - Staffing model
 - -Overall
 - Financial impact of your decisions
 - Resident Satisfaction
 - Other



Month 3: Focus on Staff

- Practices in the field today...
 - What have you been doing to enhance employee satisfaction?
 - -How important is the relationship of management with staff?
 - -How have you approached turnover and/or retention?
 - -What have you been doing with your own staffing model? How are you using acuity to guide your staffing decisions?
 - What other things have you been doing to be successful in this challenging labor environment?



Capital Budget Discussion

- Impact of the environment/space (COVID-19)
- Private Room Conversion
 - -Decision criteria
 - -Exercise
- Therapy Space
 - -Expansion
 - -Remodeling



Month 4: Focus on Customer Satisfaction and Quarterly Review

- Based on the simulation:
 - -Overall
 - What are the things that you can control that will enhance resident satisfaction?
 - What was your strategy? Why?
 - Is it working?



Month 4: Focus on Customer Satisfaction and Quarterly Review

- Practices in the field today...
 - -What have you been doing to enhance customer experience that has been working?
 - -How have you been using data to help you enhance satisfaction and care?
 - -How have you been successful personalizing care and service?



Month 5: Focus on Financials

- Based on the simulation:
 - -Overall
 - What are the things that you did to enhance revenue?
 - What were the other factors that you focused on to optimize your operating margin?
 - What was your strategy with payor types?Why?
 - •Is it working?



Month 5: Focus on Financials

- Practices in the field today...
 - -What have you been doing to enhance your financial performance that has been working?
 - Revenue enhancement
 - Expense management
 - Managing key cost drivers
 - -How are you navigating changes in the reimbursement system?



Month 6: Overall Operational Review

- Based on the simulation, what are the overall key things you learned...
- Marketing
- Staff
- Resident
- Financial
- Data
- Overall



HLTH 430 Spring 2020								
BEST Simulation Format	ive Assessment							
INDLITE	0.1.1		Charles I	6111	6111			61 1 1
INPUTS	Student	Student	Student	Student	Student	Student	Student	Student
		1 2	2 3	4	5	6	7	8
Housekeeping Staffing:								
Hire		3 5	5	3	6	5	4	3
Layoff		0 0						
,								
Training:								
Initial Training		10 4	8	4	16	4	6	8
Weekly Staff Training		1 0	4	15	30	15	30	0
Management Time:								
Time on Budget Control		5 3						
Time on Census Development		5 4	_					
Time on Revenue Enhancement		5 3						
Time on Staff Development		3 3	_					
Time Managing by Walking Aroun		4 3						
Total Management Hours Planned		22 16	17	20	42	13.5	40	40
Food Cost	4.:	25 4.25	4.25	4	4.25	4.25	4.25	4.25
Maintenance Hours	7	5 4.23						
Wallechallec Hours			-				_	
Activities:								
Special Activities		12 14	8	12	6	12	. 8	12
Weekly Activities		4 4	8	4	10	4		
Activities Supply Cost	0.:	25 0.25	2	0.25	10	0.15	0.25	0.25
Policies:								
Medicaid Beds Target		42 40	40	35	40	25	40	38
Policy - Days to PAC		4 4	4	4	4	4	4	14
Policy - Days to LTC Complex		4 4	4	6	4	4	4	4
Marketing Promotion			_					_
Web Site Expense		75 50						
Direct Marketing	2	nn 20	50	175	50	50	500	15
							_ <u>\$</u> _	
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RESULTS	Student	Student						
	1	2	3	4	5	6	7	8
Census:								
Medicare A								
Residents	15	14	14	14	15	14	18	15
Percent	25	23.7	24.6	23.7	23.4	24.6	25.7	23.1
Managed Medicare								
Residents	11	11	10	11	14	10	16	15
Percent	18.3	18.6	17.5	18.6	21.9	17.5	22.9	23.1
Medicaid								
Residents	26	26	25	26	27	25	28	27
Percent	43.3	44.1	43.9	44.1	42.2	43.9	40	41.5
Private Pay								
Residents	3							
Percent	5	5.08	5.26	5.08	4.69	5.26	4.29	4.62
Skilled Insurance								
Residents	5		5					
Percent	8.33	8.47	8.77	8.47	7.81	8.77	8.57	7.69
Census by Wing								
PAC	17		17					
LTC Complex	20		18		23			
LTC Light	23		22					
Total Residents	60	59	57	59	64	57	71	65
								1
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Financial:	Student							
	1	2	3	4	5	6	7	8
Revenue:								
Private Pay	26,814	26,814	26,814	26,814	26,814	26,814	26,814	26,814
Medicaid	158,043	157,648	155,000	155,694	159,326	155,000	163,317	159,583
Medicare A	190,231	188,477	188,477	188,477	194,892	188,477	201,827	193,463
Managed Care	124,690	124,079	117,800	119,269	131,708	117,800	147,800	135,680
Skilled Insurance	67,425	67,425	67,425	67,425	67,425	67,425	69,738	67,425
Ancilliary Services	36,380	36,220	35,640	35,769	37,065	35,640	38,672	37,177
Total Revenue	603,583	600,663	591,156	593,448	617,230	591,156	648,168	620,142
Expense:								
Nursing	104,244	151,944	116,140	97,283	110,251	100,883	147,434	116,399
Medical Records	4,548	4,528	4,455	4,471	4,633	4,455	4,834	4,647
Employee Benefits	68,648	78,135	71,743	67,303	71,782	69,035	76,975	71,112
Plant Operations	23,250	18,600	18,600	23,250	37,200	23,250	18,600	27,900
Housekeeping	9,669	16,627	16,608	9,647	20,137	16,608	13,225	9,695
Laundry	5,057	5,035	4,954	4,972	5,152	4,954	5,375	5,168
Dietary	47,060	47,024	46,893	46,475	47,214	46,893	47,575	47,239
Social Services	35,644	36,318	34,420	35,624	33,867	35,620	34,399	35,749
Administration	242,055	241,877	241,286	241,426	242,874	241,286	244,743	243,042
Insurance	4,898	4,898	4,898	4,898	4,898	4,898	4,898	4,898
Ancialliary	43,656	43,464	42,768	42,923	44,478	42,768	46,407	44,612
Total Expense	588,729	648,450	602,765	578,272	622,486	590,650	644,465	610,461
NOI	14,854	-47,787	-11,609	15,176	-5,256	506	3,703	9,681
NOI Percent	2.46%	-7.96%	-1.96%	2.56%	-0.85%	0.09%	0.57%	1.56%



Incontinence	ity Indic	cators:		Student							
Antipsychotic Drugs				1	. 2	3	4	5	6	7	8
Antipsychotic Drugs											
Antipsychotic Drugs	res ADL /	Assistance		57	/ 56	54	56	61	54	68	62
Depression 33 32 30 32 37 30 30 31 31 31 32 30 32 37 30 30 31 31 32 31 31 32 31 34 32 31 31 32 31 34 32 31 31 32 31 34 32 31 31 32 31 34 32 31 31 32 31 34 32 31 31 32 31 31 32 31 31				9	9	9	9	11	. 9	11	11
Fall Risk 33 32 30 32 37 30 Incontinence 31 31 32 9 31 34 29 Other Needs 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	ter			1	. 1	. 1	. 1	. 1	. 1	1	1
Incontinence 31 31 29 31 34 29 Other Needs 9 9 9 9 9 9 Pain 20 19 17 19 23 17 Pressure Ulcer 1 1 1 1 1 1 1 UTI 2 2 2 2 2 2 2 2 Weight Risk 22 21 20 21 22 20 Direct Care Acuity & Labor Results:	ssion			33	32	30	32	37	30	41	37
Incontinence	isk			33	32	30	32	37	30	41	37
Pain 20 19 17 19 23 17 Pressure Ulcer	inence			31	31	. 29	31	34	29	37	35
Pressure Ulcer	Needs			9	9	9	9	9	9	11	9
UTI				20	19	17	19	23	17	28	23
Weight Risk 22 21 20 21 22 20 Direct Care Acuity & Labor Results: Total Direct Care Hours Needed 177.9 170.3 148.7 170.3 221.7 148.7 2 Total Direct Care Hours Planned 131 217 74.3 149 131 103 Total Direct Care Hours Delivered 130 216 73.2 147 129 101 Turnover: Current Staff: 0 7 5 5 5 CNA's 18 28 6 21 18 13 Turnover Percentage: 0.0% <t< td=""><td>ure Ulcer</td><td>ėr.</td><td></td><td>1</td><td>. 1</td><td>. 1</td><td>. 1</td><td>. 1</td><td>. 1</td><td>1</td><td>1</td></t<>	ure Ulcer	ėr.		1	. 1	. 1	. 1	. 1	. 1	1	1
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Total Direct Care Hours Needed 177.9 170.3 148.7 170.3 221.7 148.7 170.3 Direct Care Hours Planned 131 217 74.3 149 131 103 103 104 104 104 104 104 104 104 104 104 104	ıt Risk			22	21	. 20	21	22	20	28	23
Total Direct Care Hours Needed 177.9 170.3 148.7 170.3 221.7 148.7 170.1 170.1 Direct Care Hours Planned 131 217 74.3 149 131 103 103 104 105 105 105 105 105 105 105 105 105 105	Care Acu	uity & Labor Re	sults:	_				-			
Total Direct Care Hours Planned 131 217 74.3 149 131 103 Total Direct Care Hours Delivered 130 216 73.2 147 129 101 Turnover: Current Staff:				177.9	170.3	148.7	170.3	221.7	148.7	286.9	232.1
Turnover: Current Staff: Nurses CNA's CN											
Turnover: Current Staff: Nurses											
Current Staff: Nurses 5 10 7 5 5 5 CNA's 18 28 6 21 18 13 Turnover Percentage: Nurses 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% CNA's 33.0% 7.5% 123.0% 17.0% 33.0% 63.0% Quit - Month: Nurses 0 0 0 0 0 0 0 0 CNA's 1 2 2 2 2 2 2 2 2 2 Layoffs - Month: Nurses 0 0 0 0 0 0 0 0 CNA's 0 0 0 0 0 0 0 0 CNA's 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						-		-	-	-	-
Current Staff: Nurses 5 10 7 5 5 5 CNA's 18 28 6 21 18 13 Turnover Percentage: Nurses 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% CNA's 33.0% 7.5% 123.0% 17.0% 33.0% 63.0% Quit - Month: Nurses 0 0 0 0 0 0 0 0 CNA's 1 2 2 2 2 2 2 2 2 2 Layoffs - Month: Nurses 0 0 0 0 0 0 0 0 CNA's 0 0 0 0 0 0 0 0 CNA's 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/er:										
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CNA's 18 28 6 21 18 13 Turnover Percentage: 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% CNA's 33.0% 7.5% 123.0% 17.0% 33.0% 63.0% Quit - Month: Nurses 0 0 0 0 0 0 0 0 CNA's 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				5	10	7	5	5	5	8	6
Turnover Percentage: Nurses 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.				_							_
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Nurses 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% CNA's 33.0% 7.5% 123.0% 17.0% 33.0% 63.0% Quit - Month: Nurses 0 0 0 0 0 0 0 0 0 CNA's 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ver Perce	entage:									
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Quit - Month: 0 0 0 0 0 Nurses 0 0 0 0 0 CNA's 2 2 2 2 2 2 Layoffs - Month: 0 0 0 0 0 0 Nurses 0 0 0 0 0 0 CNA's 0 0 0 0 0 0 Quit - YTD 0 0 0 0 0 0 Nurses 0 0 0 0 0 0				33.0%	7.5%	123.0%	17.0%	33.0%	63.0%	7.5%	22.0%
Nurses 0 0 0 0 0 0 0 0 0 0 CNA's 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2											
CNA's 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Month:										
Layoffs - Month: Nurses 0 0 0 0 0 0 0 CNA's 0 0 0 0 0 0 0 Quit - YTD Nurses 0 0 0 0 0 0 0	s			0	0	0	0	0	0	0	0
Nurses 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				2	2 2	. 2	. 2	2	2	2	2
Nurses 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	s - Mont	th:						-			
CNA'S 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				C	0	0	0	0	0	0	0
Quit - YTD											
Nurses 0 0 0 0 0 0											
Nurses 0 0 0 0 0 0	YTD										
CNA's 2 2 2 2 2 2				0	0	0	0	0	0	0	0
				2							
Layoff - YTD	- YTD										
Nurses 0 0 0 0 0 0				0	0	0	0	0	0	0	0
CNA's 5 0 17 2 5 10											



Other Results:		Student	Student						
		1	2	3	4	5	6	7	8
Patient Satisfactio	n Index	54.9	105	44.4	68.7	48.7	50.6	74.5	47.7
Employee Satisfac	tion index	71.1	122	44.8	86.3	58.7	66.3	76.1	65.2
Patients Refused Ad	mission:								
Facility Full		0	0	0	0	0	0	0	0
Medication Cost R	eimb.	0	0	0	0	0	0	0	0
Medicaid		0	0	0	0	0	0	0	0
Diagnosis		3	3	2	2	3	0	5	3
No PAC Bed		0	0	0	0	0	0	0	0
No LTC Bed		0	0	0	0	0	0	0	0
Total Patients Refus	ed	3	3	2	2	3	0	5	3
Score		9.94	-92.6	-11.4	13.4	-7.96	-2.36	0.0806	3.39
							В	ELLARMINE U	

Acuity Distribution for one 24 H									
(PARTICIPANTS: Only Fill in the YELL)								Bed	Over/
PAC Unit - 30 Beds Total	Day	Hou	Eve	Hours	Night	Hours			(Under Capacity)
BN	2	2 16	1	8	0	o			
LPN					3				
CNA		32							
							Total Hour:	5	
Totals	(72	8	64	6	48	184		
TOTAL BEDS FILLED		-					30	30	0
Actual PPD State Minimum PPD							6.13 3.50		
Budgeted PPD			-				5.50		
Over/ (Under)							0.63		
LTCLE #1 D I''I "		1	-		B.1- 1 -				
LTC Wing #1 - Dementia and "heavy" o	рау	Hou	Eve	Hours	Night	Hours			
RN		1 8	0						
LPN	- 2	2 16				8			
CNA		32	4	32	2	16			
Totals		7 56	6	48	3	24	128		
TOTAL BEDS FILLED		-	-				35	35	0
TOTAL DEBSTILLED		_					- 55	- 33	0
Actual PPD							3.66		
State Minimum PPD							3.50 3.09		
Budgeted PPD Over/ (Under)		_					0.57		
Over (olider)							0.31		
LTC Lk #2 "I !-L."			_		Night				
LTC Wing #2 - "Light" care	Day	пои	Eve	nours	Night	nours			
BN		1 8							
LPN		1 8				8			
CNA		2 16	2.5	20	2	16			
Totals		32	4	32	3	24	88		
TOTAL BEDS FILLED		-					35	35	0
Actual PPD State Minimum PPD							2.51 3.50		
Budgeted PPD		+	-	-	-		3.50		
Over/ (Under)							(0.99)		
•									
		-							
Total Capacity								100	0
Total Facility	Total	Total	Total	Total	Total	Total	Grand Tota	Actual	
Total acility	Residents		rotai ≰Residen		Residen		Hours	Beds Fu	11
	DAY	DAY	EVENING	EVENIN	NIGHT	NIGHT			
Totals	20	160	18	144	12	96	400	100	
		+						BUDGE	T
Total							4.00	4.03	
Over/ (Under)							(0.03)		



		BEST Nursing Home Flash Rep P&L FORECAST	oort						Т
		MONTH:	January 1, 2020						h
			, , , , , , , , , , , , , , , , , , , ,						
		CENSUS	Census	Da	ay of Month		31		е
DATE	INS	MCR	MCD	PVT	Hospice	Veterans	TOTAL	Bed Holds	_
1	3	18	54	6	Ö	0	81	3	F
2	3	18	54	6	0	0	81	3	u
3	3	17	55	6	0	0	81	3	
4	3	16	55	6	0	0	80	2	t
5	3	16	55	6	0	0	80	2	u
6	3	16	55	6	0	0	80	2	
7	3	16	55	6	0	0	80	2	r
8	3	16	55	6	0	0	80	2	e
9	3	16	55	6	0	0	80	2	
10	3	16	55	6	0	0	80	2	
11	3	16	55	6	0	0	80	2	•
12	3	16	55	6	0	0	80	2	0
13	3	16	55	6	0	0	80	2	f
14	3	16	55	6	0	0	80	2	
15	3	16	55	6	0	0	80	2	
16	3	16	55	6	0	0	80	2	L
17	3	16	55	6	0	0	80	2	T
18	3	16	55	6	0	0	80	2	
19	3	16	55	6	0	0	80	2	C
20	3	16	55	6	0	0	80	2	
21	3	16	55	6	0	0	80	2	
22	3	16	55	6	0	0	80	2	S
23	3	16	55	6	0	0	80	2	i
24	3	16	55	6	0	0	80	2	1
25	3	16	55	6	0	0	80	2	m
26	3	16	55	6	0	0	80	2	
27	3	16	55	6	0	0	80	2	u
28	3	16	55	6	0	0	80	2	1
29	3	16	55	6	0	0	80	2	_
30	3	16	55	6	0	0	80	2	a
31	3	16	55	6	0	0	80	2	t
TOTALS	93	501	1703	186	0	0	2483	65	i
ADC	3.00	16.16	54.94	6.00	0.00	0.00	80.10	2.10	0
Budget	4	18	53	7	0	0	82		
Variance	(1.0)	(1.8)	1.9	(1.0)	0.0	0.0	(1.9)		n



	Center Name: BEST Nursing I	Home			
	Month:	Jan-20			
REVENUES					
<u>KEVENOES</u>	DAYS	PPD	TOTAL	BUDGET	VARIANCE
INS	93	\$325.00	\$30,225		
MCR	501	\$494.00	\$247,494		
MCD	1638	\$193.00	\$316,134		
PVT	186	\$265.48	\$49,379		
Hospice	0	\$0.00	\$0		
Veterans	0	\$0.00	\$0		
Ancillary	2483	\$6.87	\$17,058		
TOTAL		\$212.91	\$660,290	\$567,409	\$92,881
EXPENSES					
	DAYS	PPD	TOTAL	BUDGET	VARIANCE
NURSING	2483	\$99.48	\$247,009		
BED TAX	1889	\$15.98	\$30,186		
DIETARY	2483	\$17.95	\$44,570		
HKEEPING	2483	\$4.66	\$11,571		
LAUNDRY	2483	\$3.11	\$7,722		
MAINT	2483	\$8.66	\$21,503		
ADMIN	2483	\$30.42	\$75,533		
ACTIVITIES	2483	\$3.51	\$8,715		
MEDSUP/					
THR/SS/O					
CCUP/MN					
GT FEES	2483	\$78.84	\$195,760		
AFDA			\$60,000		(0.400 :==:
<u>TOTAL</u>		\$262.61	\$702,569	\$510,097	(\$192,472)
		ACTUAL		BUDGET	VARIANCE
EBIDARM		(\$42,278)		\$57,311	(\$99,589)
Gross Margin %			-6.40%	-0.89%	-5.51%



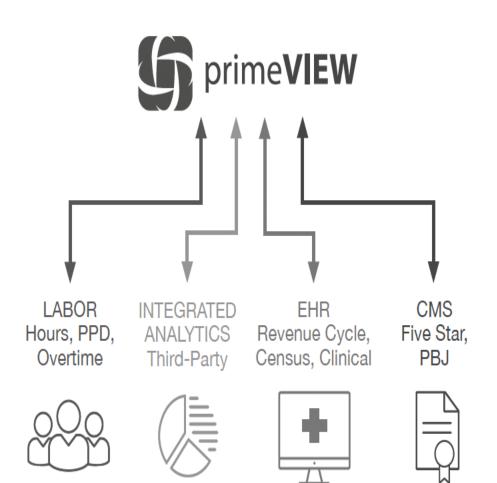
Qualitative Results – What the students had to say

- After the first month of inputs I decided to try and boost resident and employee satisfaction the most, adjusting the areas that I thought would impact those, such as time spent walking around, time spent on staff development, and the amount of activities/special activities, and food cost. Overall, I was pretty happy with my inputs over the 6 months during this simulation. This is the first time I haven't laid off any CNAs during the first month and I think that it really impacted my overall turnover percentage over the 6 months as it stayed quite low.
- I think that the single most important result I received over the 6 months was definitely the jump in my census after the first round of inputs. We started at 57 residents and then jumped to 75 which was the largest jump I had seen over the semester of using the BEST simulation. I think that the amount of money I put into direct marketing right of the bat, at \$1,200, was the biggest inhibitor of the census increasing. I am sure that the 10 hours I put into census development also helped, but I think the direct marketing is what did the trick.
- I think that I had a love-hate relationship with the BEST simulation program. When I heard the word "simulation" I thought that it would be much more interactive, with scenarios that would present me with questions that would help me build on knowledge needed for my NHA exam. I think that I imagined a very different type of simulation. While it does include some real-life application, like turnover and the number of staff and census, this was very number-based. I know that numbers are important, but I don't think that this program taught us very much about "contemporary issues" like the course is named. This simulation really taught us how to just enter numbers into a simulation and see if it boosted census or not, or what it did to our NOI. While this could be helpful, like seeing how much direct marketing or management time can impact census or employee satisfaction, I am not sure how accurate these measures would be in real-life. It is after all, only a simulation, that was proven to be flawed as we saw throughout the semester.

The Future of Long-Term Care Administration Simulation Training

One Powerful Dashboard for All Key Performance Indicators

- Leverage interactive views to run daily meetings.
- Accelerate decision-making and productivity with accurate facility/patient views.
- Quickly identify trends with enough time to proactively affect outcomes.
- Cultivate performance to your competitive advantage.

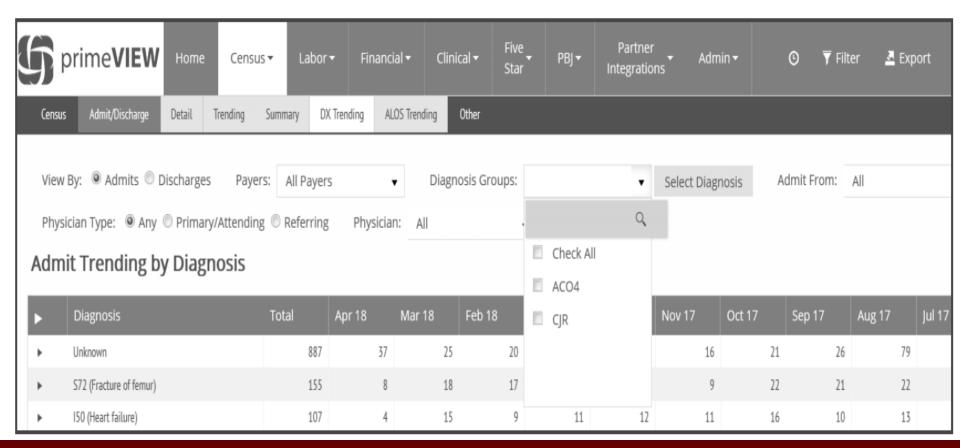




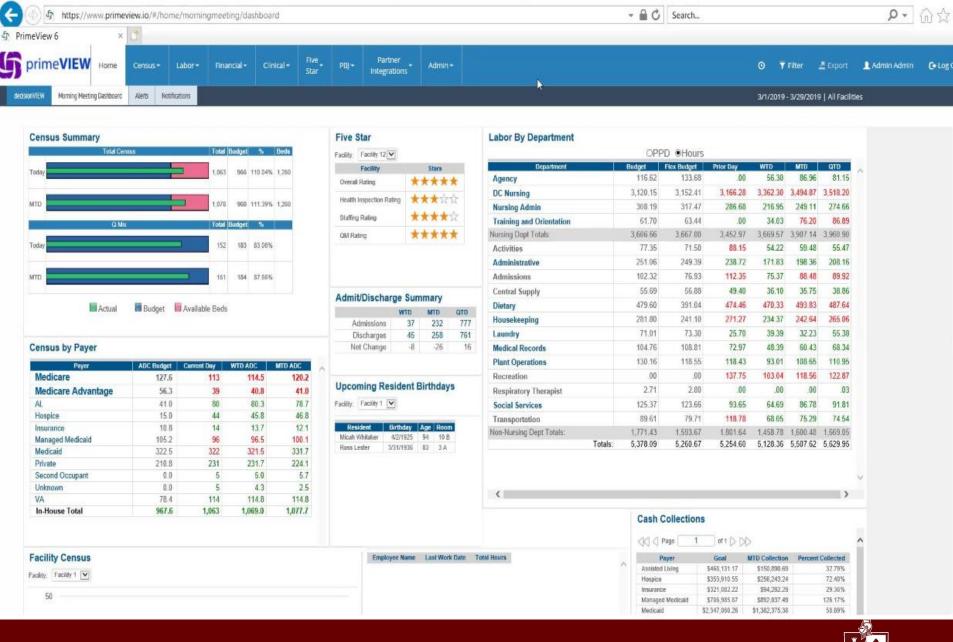
The Future of Long-Term Care Administration Simulation Training

Proactive Outcome Management

Powerful primeVIEW analytics let you drill down to resident and diagnosis levels to help you evaluate additional outcomes. Check rehospitalization rates by admitting hospital, facility or diagnosis with ease.









Summary:

What did we Learn about Critical Thinking as it relates to Simulation?

- Studies conflict about the effect of simulation on students' critical thinking development
- Large heterogeneity exists between the studies in terms of the instruments and the methods used.
- More studies with careful designs are needed to produce more evidence on the effectiveness of simulation on critical thinking



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Questions?



