

PDSA	Dates	Problem and Changes	SMART Aim	Act/Abandon/Adopt/Adapt
PDSA 1: Virtual Curriculum Roll-Out 2/13-5/6	3/6	3/6 - Noted no completion data; Likely due to inconsistent sending, one week in this timeframe where education was not sent.	To increase consistency by sending emails weekly on Thursdays. Goal of 100% send rate each week.	Adapt: Improvement but not sustainable (noted astronomical point on 3/13 in retrospect – likely novelty effect)
	3/13	Consistent education being sent achieved		
	3/24	First cohort surveyed after completion of their night-rotation. -Noted confusion if they were receiving teaching, what virtual night-teaching actually was. -Opted to highlight goals for completion clearly in weekly curriculum email.	Increase reported completion data by 15% on any given Thursday night within 2 weeks.	Adapt: Was at 50% completion rate on 3/27, 4/10 was at a 40% completion rate. Chose to monitor more data and do more interventions while keeping goals for completion highlighted.
	4/24	Resident completion rate back down to 0% for 2 consecutive weeks.	Increase accessibility and flexibility of teaching in order to increase reporting by 10% on any given night in 2 weeks.	Adopt: Basis for PDSA 2
	4/28	2 <sup>nd</sup> cohort surveyed, analyzed on 5/6. Identified that teaching wasn't happening and they weren't able to find the time. -Opted to check-in with residents to determine a good time for teaching -Focus on increasing ease of access to education.		
PDSA 2: Increase Access to Education 5/6-6/26	5/6	SharePoint created, virtual submission platform created.	Increase access to teaching by creating a centralized SharePoint platform and sending reminder	Adopt: Between 5/15-5/22 completion rate improved to 33%. Likely due to reminder emails and allowing "backtracking" of education.
	5/12	In-person resident check-in: revealed small teachings were happening just		

		not submitting “pearl” because it wasn’t assigned. Preference for unscheduled education allows for more autonomy and flexibility. Requested email reminders be sent within the week to complete teaching.	emails to help achieve higher completion rates. With the goal of increasing reporting by 10% on any given week in 2 weeks.	Also allowed any pearl learned on nightshift (e.g. their own teaching, lesson they learned from a patient, etc.) as long as it was submitted.
	5/26	Weekly reminder emails to complete education went live		
	6/10	The 3rd cohort surveyed 5/26 and analyzed results 6/10. -Satisfaction was improved, liked the flexibility night-teaching had to offer		Question sustainability of this model. The expectation setting will be the basis of the next PDSA cycle to help focus on sustainability of results.
PDSA 3: Expectation Setting 6/26-10/23	6/26	Emailed curriculum included expectation of completion vs. Voluntary reporting of teaching. New Goals and Objectives uploaded to Wards SharePoint page.	Outline expectations with the goal of increasing reported completion of teaching of 10% of residents on their night rotation weekly.	Adopt: Consistent improvement noted, will continue to monitor completion data. Question of sustainability with a large amount of manual effort required. Also, notably variability dependent on motivation to complete education vs. Extraneous factors (busy weeks, high census, etc.). -Future PDSA cycles are geared towards sustainability and maybe automatization as well as further case-based content creation based on resident feedback.
	7/2	Presented “Intern Bootcamp” lecture with new expectations outlined.		
	7/3	Presentation at Resident School outlining new expectations for one virtual submission per week of night-rotation.		
	8/14	Slight decrease noted, opted to observe		
	9/25	Significant drop in participation. Investigation is ongoing. Question		

		intrinsic motivation of senior residents to teach and patient census.		
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