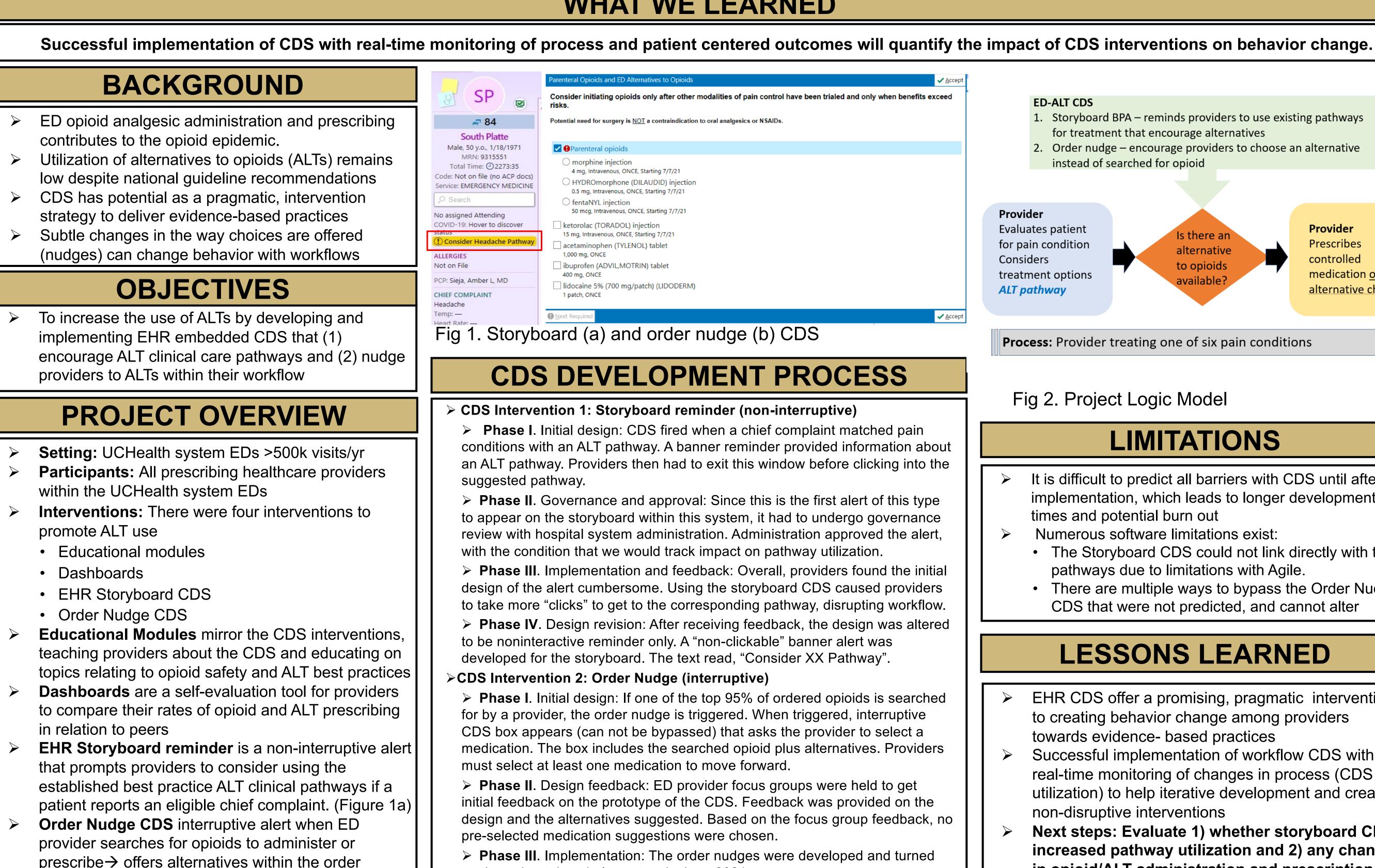
Developing Clinical Decision Support Order Swaps to Increase the Use of Alternatives to Opioid Analgesics in the Emergency Department



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prescribe \rightarrow offers alternatives within the order window itself so providers can choose to order ALTs without leaving typical workflow. (Figure 1b)

WHAT WE LEARNED

on throughout the whole system in June 2021.

> Phase IV. Revision and feedback: There was considerable feedback from providers once the order nudges went live. Revision was iteratively completed as feedback was received.



	ED	-ALT CDS		
	1.	Storyboard	BPA – reminds	р
		for treatme	nt that encoura	Į
	2.	Order nudg	e – encourage j	р
		_	earched for opi	
Ducuit				
Provider				
Evaluates patient			Is	t
for pain condition			alt	te
Considers			to	0
treatment options			, av	a
ALT pathway				

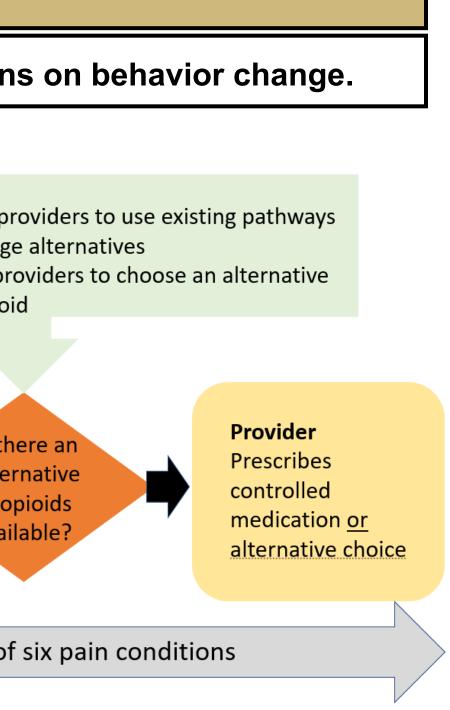
Process: Provider treating one of six pain conditions

Fig 2. Project Logic Model

LIMITATIONS

- times and potential burn out
- Numerous software limitations exist: pathways due to limitations with Agile.

- to creating behavior change among providers towards evidence-based practices
- non-disruptive interventions



It is difficult to predict all barriers with CDS until after implementation, which leads to longer development

• The Storyboard CDS could not link directly with the

• There are multiple ways to bypass the Order Nudge CDS that were not predicted, and cannot alter

LESSONS LEARNED

EHR CDS offer a promising, pragmatic intervention

Successful implementation of workflow CDS with real-time monitoring of changes in process (CDS utilization) to help iterative development and create

Next steps: Evaluate 1) whether storyboard CDS increased pathway utilization and 2) any change in opioid/ALT administration and prescription Evaluating patient centered outcomes (medication use) will quantify the impact of CDS on behavior change regarding choice of analgesics in the ED.