## Use of Pain Action Plans for Adolescents and Young Adults with Sickle Cell Disease





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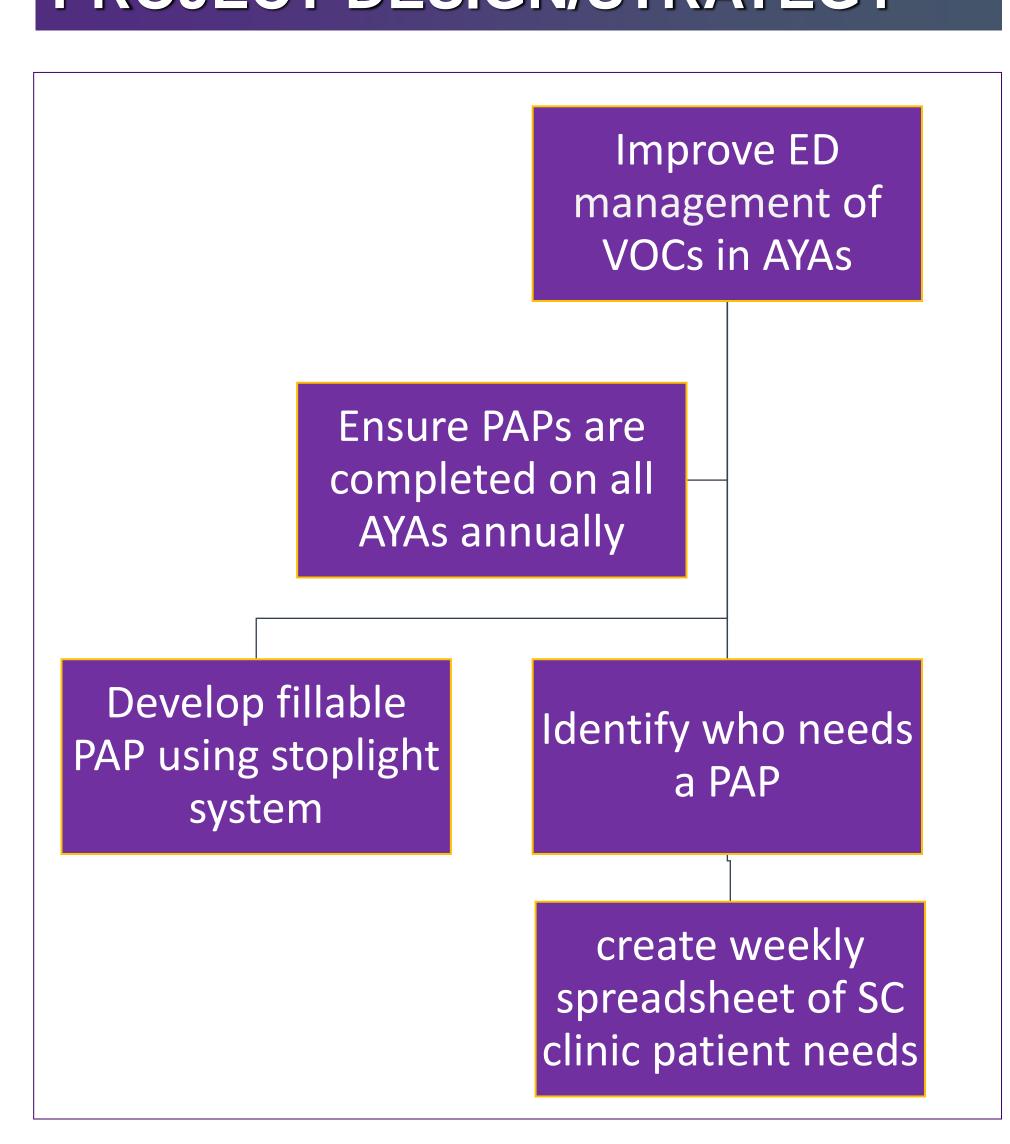
#### BACKGROUND

- Adolescents and young adults (AYAs) with sickle cell disease (SCD) often require treatment in the emergency department (ED) for acute vaso-occlusive crisis (VOC) pain.
- ED management of VOC pain is often *delayed and/or insufficient*.
- AYAs with SCD would benefit from clear *individualized guidelines for pain treatment* in the ED utilizing pain action plans (PAPs).

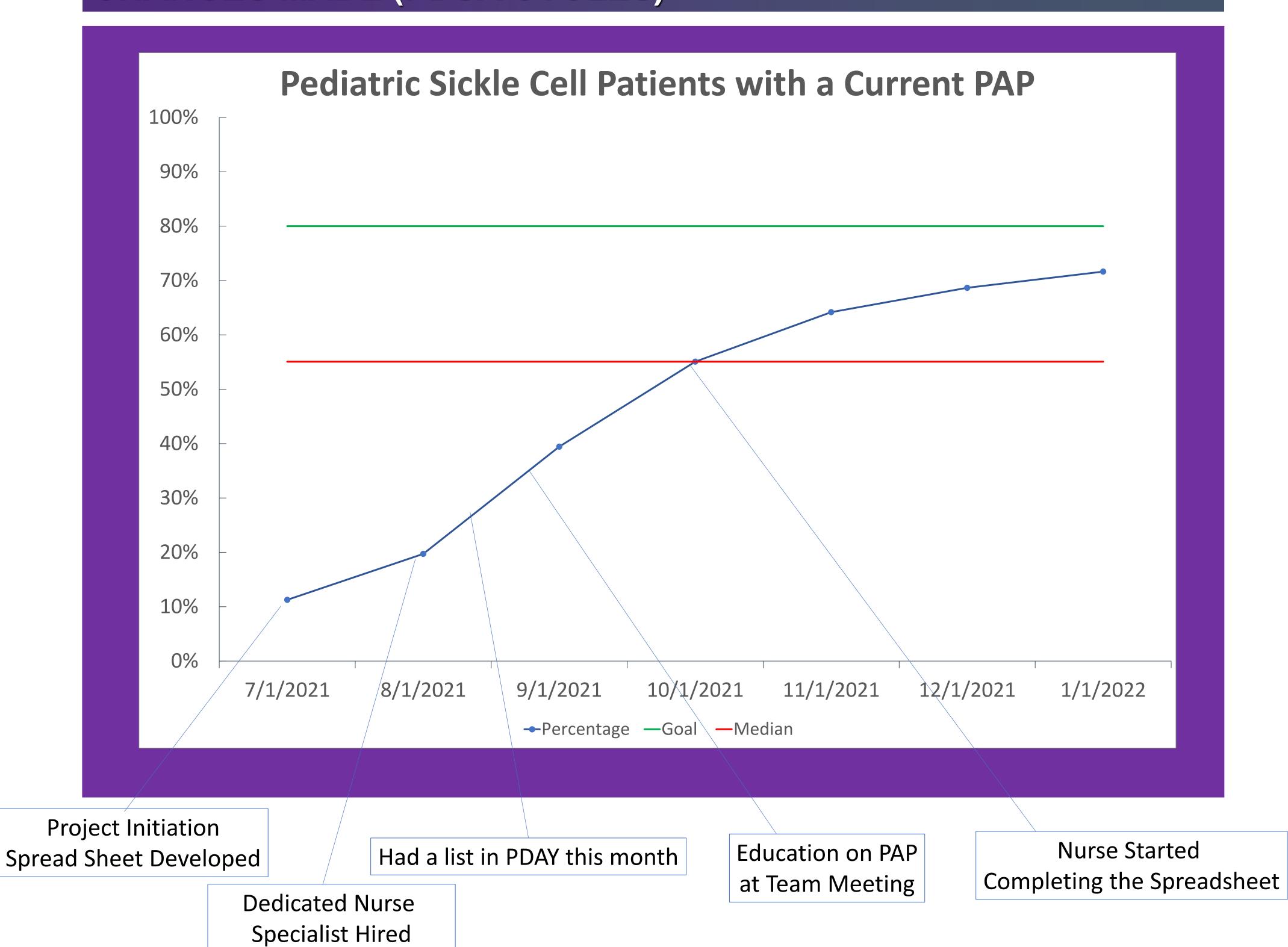
#### PROJECT AIM

80% of patients with SCD ages 15 to 24, followed by the pediatric sickle cell program at East Carolina University, will have an active pain action plan available in the electronic health record by February of 2022.

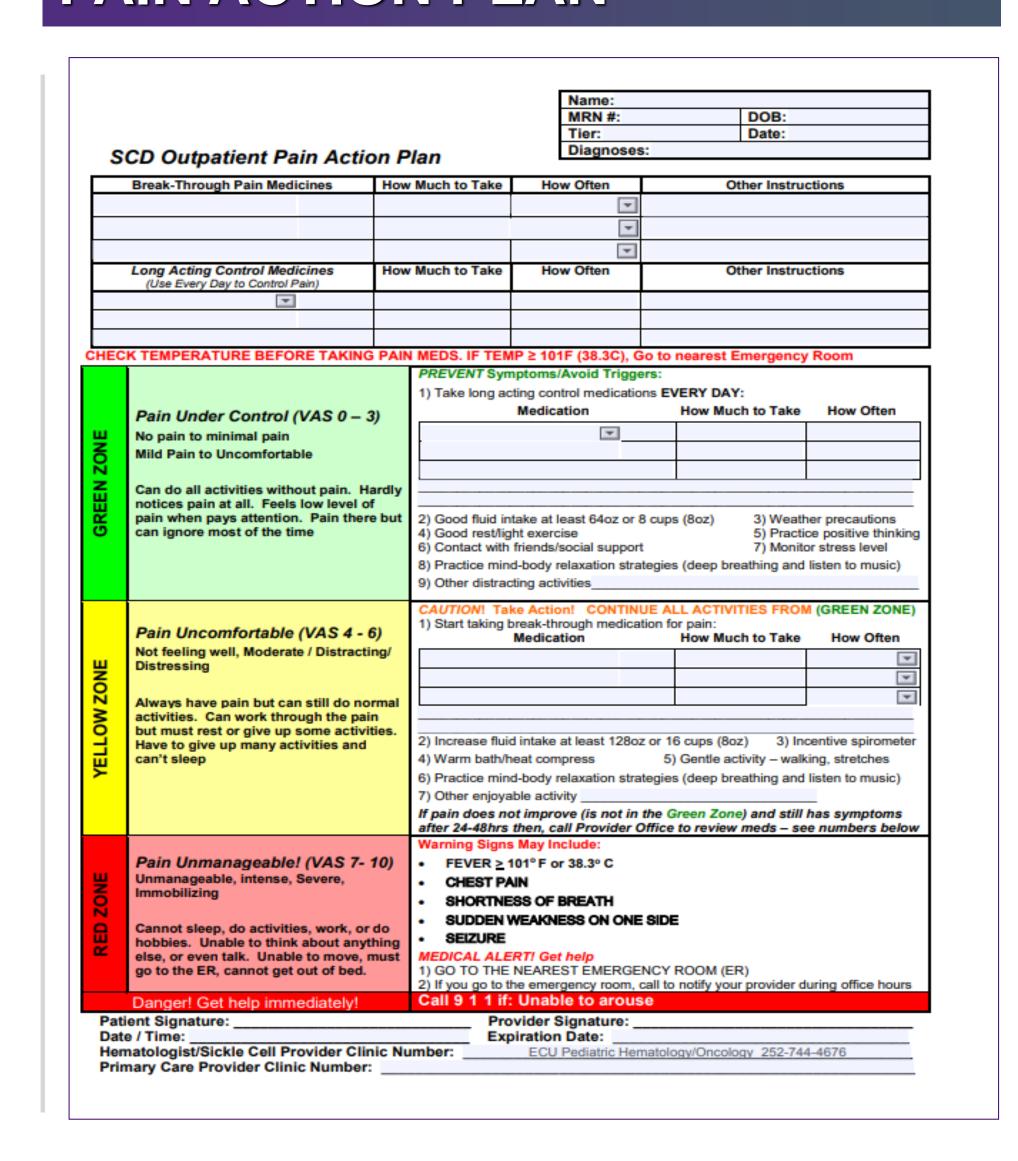
#### PROJECT DESIGN/STRATEGY



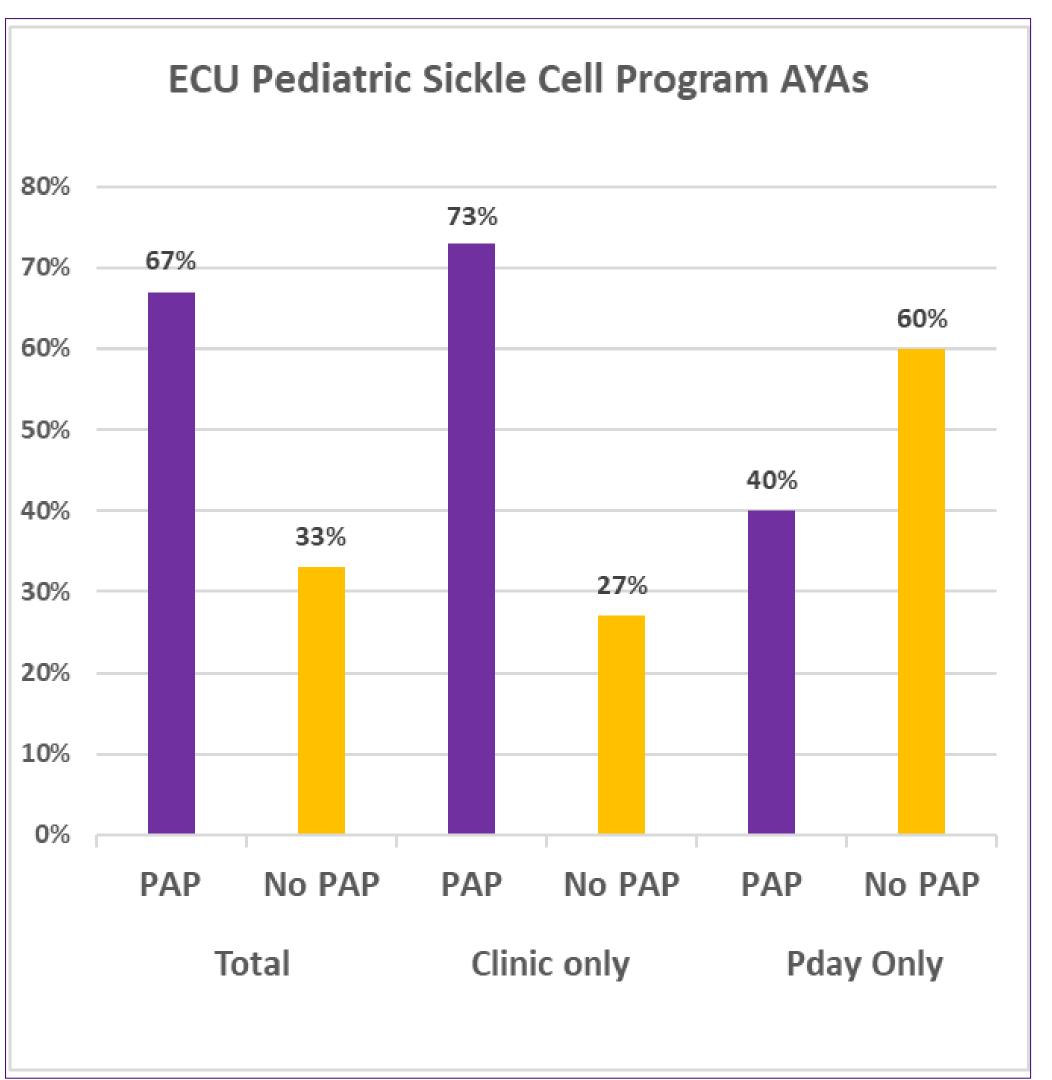
### CHANGES MADE (PDSA CYCLES)



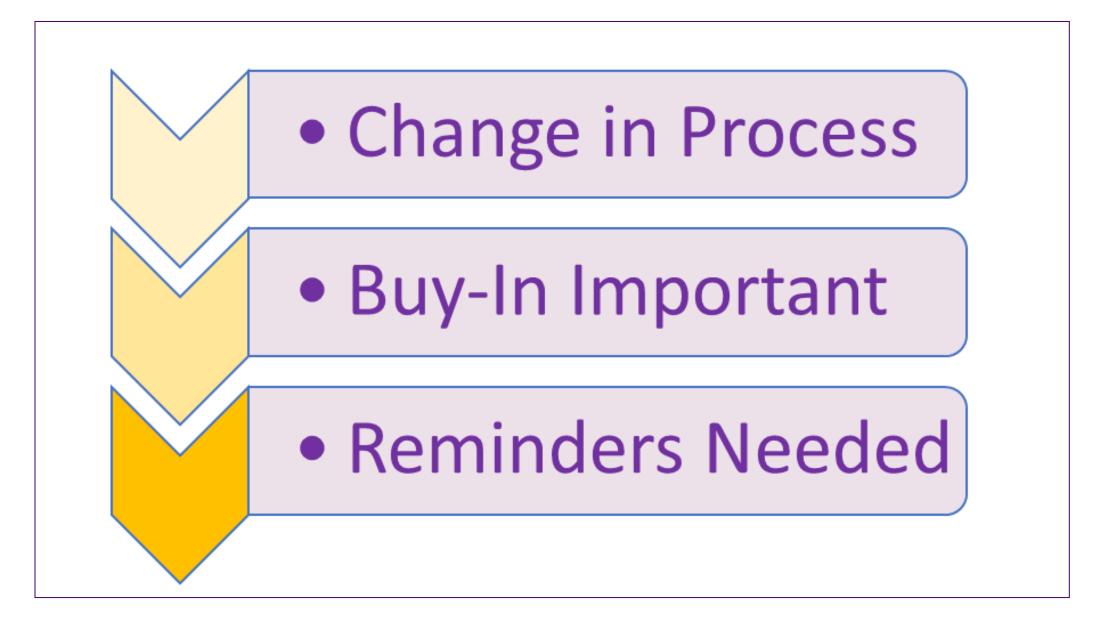
#### PAIN ACTION PLAN



#### RESULTS/OUTCOMES



#### LESSONS LEARNED



#### NEXT STEPS

- Continue to update our patient list to include all AYAs with SCD once they turn 15.
- Develop a patient feedback
   questionnaire to see how helpful the
   PAPs have been during ED visits.
- Review Pday schedules and *remind providers* of need for PAP in these patients.
- Schedule all patients aged 15+ during *transition clinic days* to help facilitate completing PAPs on all AYA SCD clinic visits.

#### ACKNOWLEDGEMENTS

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