

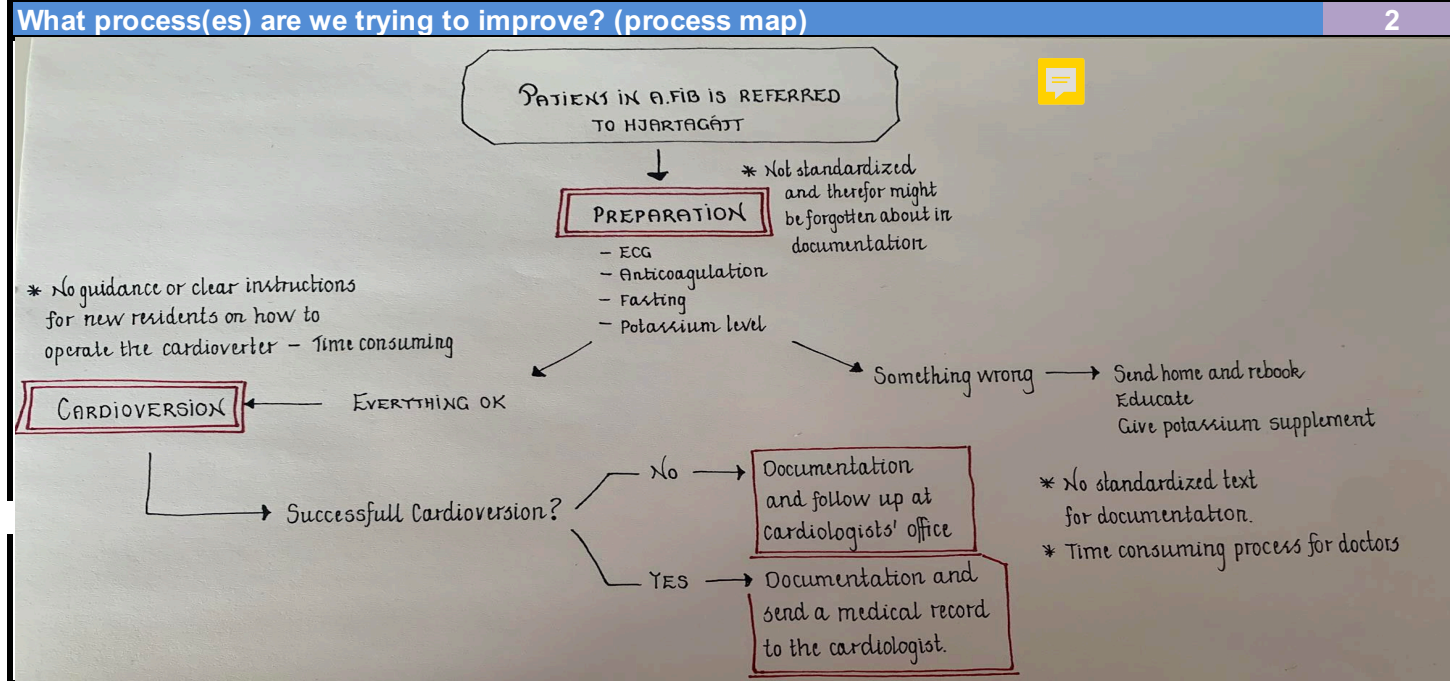
Supervisor: Davíð O. Arnar

Project lead: (Residents)

Hrafnhildur Gunnarsdóttir, Ívar Sævarsson og Jóhanna Rúnarsdóttir

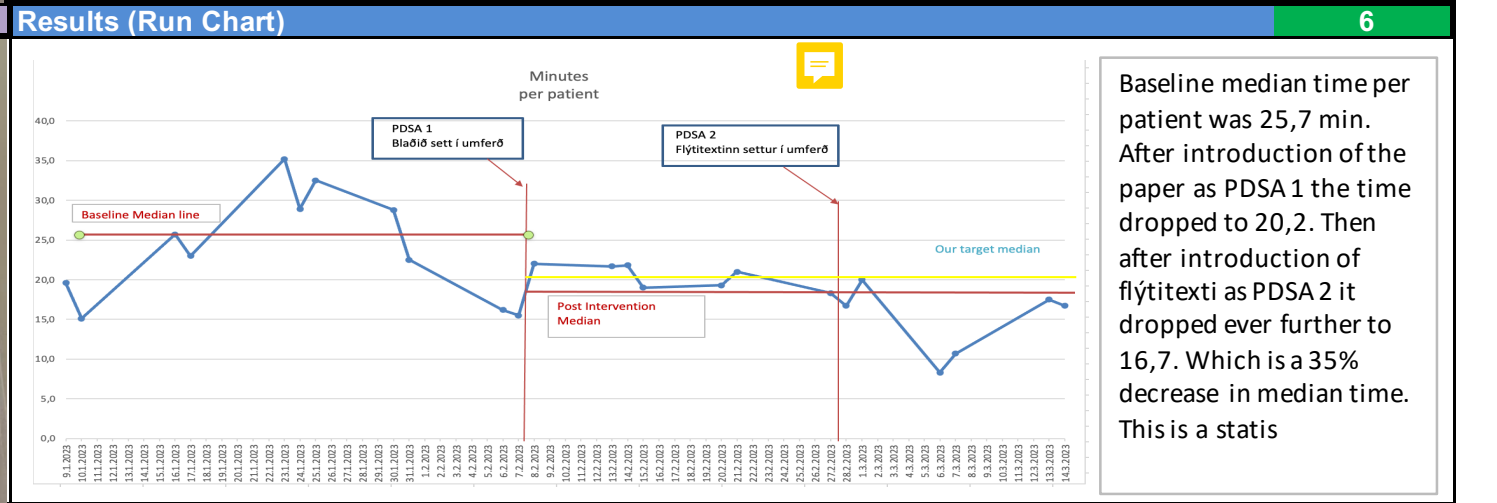
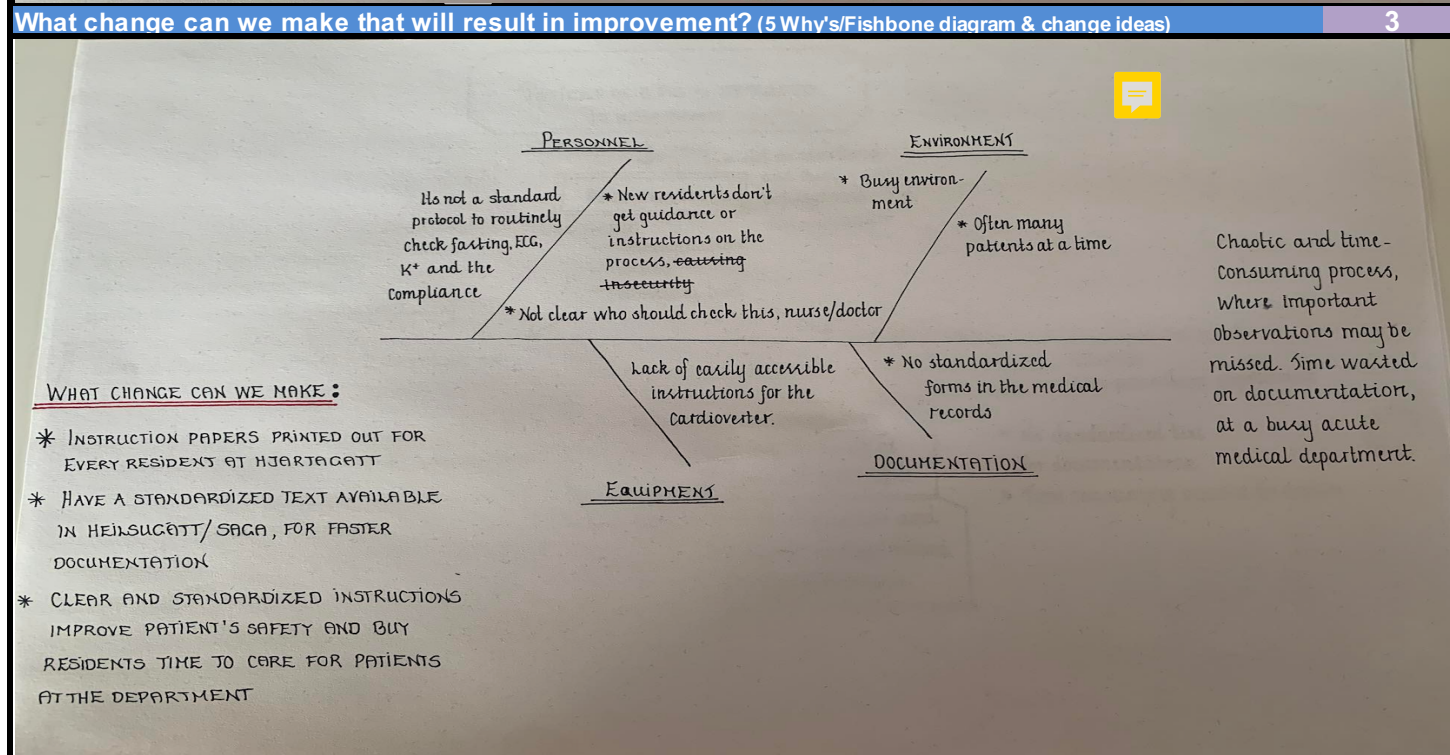
1  
Outpatient cardioversions, using shocks to restore regular heart rhythm, are performed approximately 20 times each week by residents at Hjartagátt. The process is time consuming for doctors and may put patients at risk of complications such as stroke or fatal arrhythmias, mainly because of the lack of standardized protocol for patient preparation, for the procedure itself and documentation. Our aim is to standardize the preparation, the procedure and documentation and decrease the time used on each cardioversion by 20% from the baseline (26 minutes per patient) before 1. April 2023. This will be attempted by introducing a standardized protocol with clear instructions, and a standardized text for documentation.

4  
Measures (How will we know a change is an improvement?) (list measures)  
Time spent working on cardioversions will be measured and used as a process measure. We could have measured how often the number of shocks given, or how often the potassium level was documented, but due to the short time scale this wasnt feasible



5  
Action plan

Action	By whom	Date	Status
Process map and fish bone analysis	Team	15.Dec	Done
Meeting with team manager	HG	16.Dec	Done
Drafting the instruction paper for PDSA1	Team	3.Jan	Done
Introduce the paper to residents in Hjartaklasi	JRR	6.Jan	Done
Start measuring baseline time	Team	9.Jan	Done
PDSA 1 start using the paper	Team	7.Feb	Done
Write the "Flýtitexti" and get approved by team manager	Team	14.Feb	Done
Introduce PDSA 2 and continue to make measurements	Team	22.Feb	Done
Contact HUT and put Flýtitexti in the Sögukerfi as a standard	ÍS	4.Mar	Done
Calculate results and set up run chart	Team	25.Apr	Done



7  
Implementation, follow up and lessons learned  
Ef breyta á verklagi lækna og skráningu þá þarf að kynna það mjög vel og gefa mjög skýr fyrirmæli. Öll framkvæmd var aðeins tímafrekari en við áttum von á. Við þurftum að skoða í hverri viku hver væri að sinna rafvendingum og minna viðkomandi á nýja verklagið. Það gekk mjög vel að fá sérnámslækna til að taka þátt og fylgja verklaginu, almenn ánægja var með skýrt verklag og fólk sá fljótt að þetta sparði tíma. Við áttuðum okkur á að staðlað verklag skiptir gríðarlegu máli - sparar tíma, eykur öryggi starfsmanna og sjúklinga. Við stefnum á að halda áfram með þetta nýja verklag - Munum biðja deildarstjóra á Hjartagátt að útvega eyðublaðið fyrir sérnámslækni á Hjartagátt hverju sinni þar sem mun einnig koma fram ábending um

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