



Awareness & importance of baseline ECG availability in ED (EDRM & electronic notes availability)

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Non Availability of a baseline ECG in ED can lead to difficulty in accurate interpretation of results.

Prognostic value of initial ECG in acute MI JAMA October 2001.
Society of Cardiological science & technology guideline on ECG 2019.

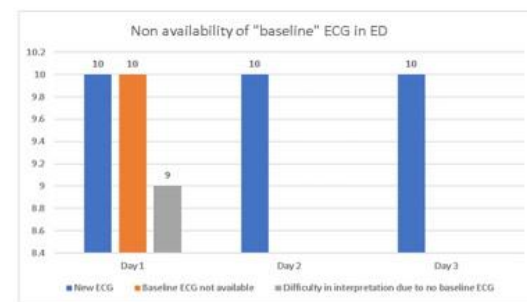
Value of baseline and arrhythmic ECG interpretation; Card Electrophysiol Clin June 2019.

Understanding the problem (diagnostics)

Process Map



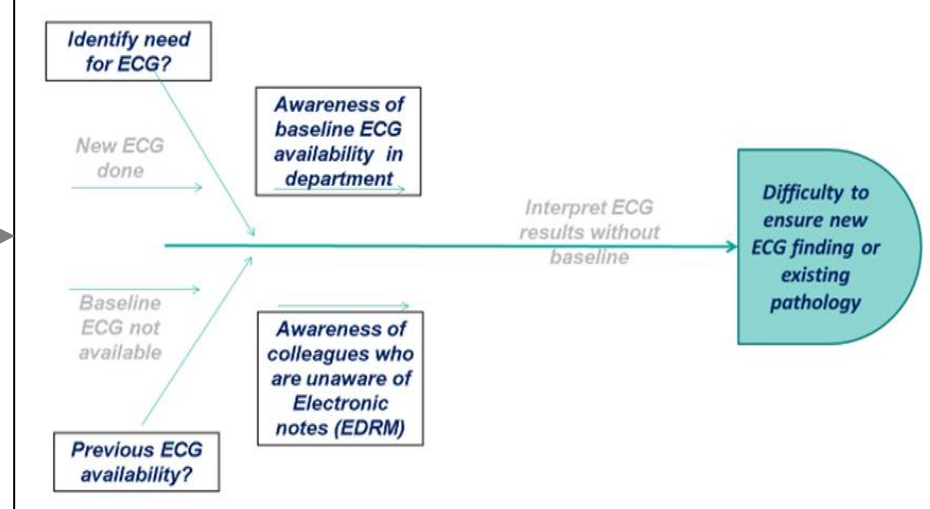
Histogram



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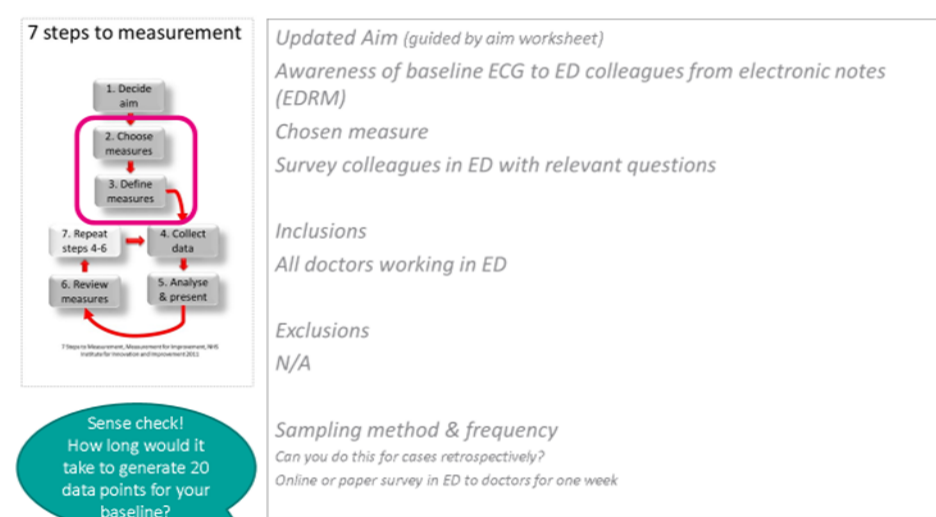
Fishbone diagram



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Choose & define your baseline measures

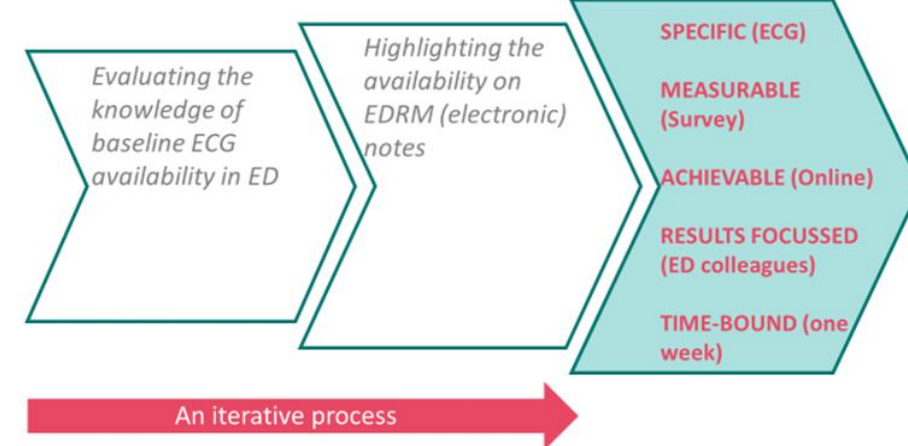


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Aim statement template

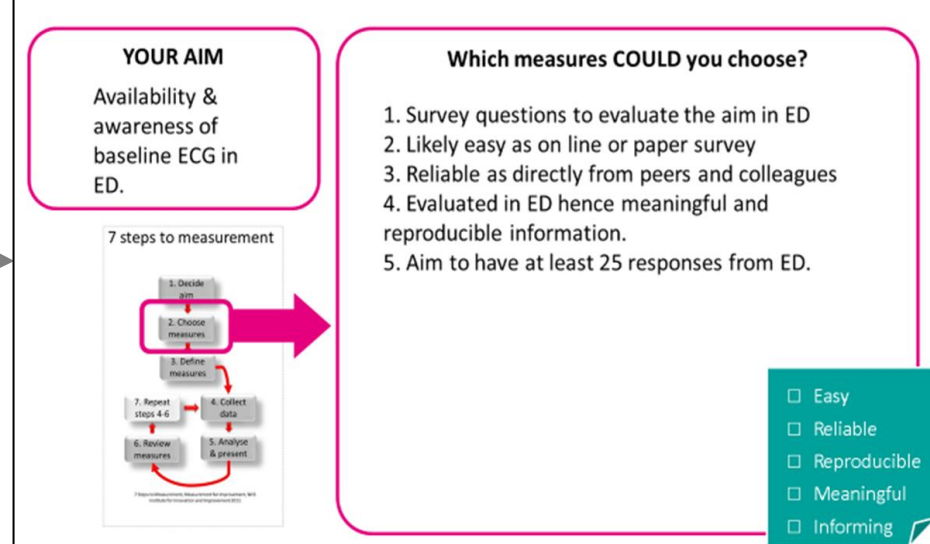
What are we trying to accomplish?



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Your measurement ideas...



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PDSA: Plan

Change idea	Awareness of baseline ECG availability on EDRM (electronic notes) in ED
ONE thing to test	Survey colleagues in ED about their knowledge of baseline ECG availability
What to do	Send Emails to ED colleagues (used survey monkey)
When to do it	Any random week in January 2020
Where to do it	Library
Who to do it	ED colleagues (all grades of doctors)
Predict outcome	Around 60%
Data to collect	From survey monkey after designing a survey

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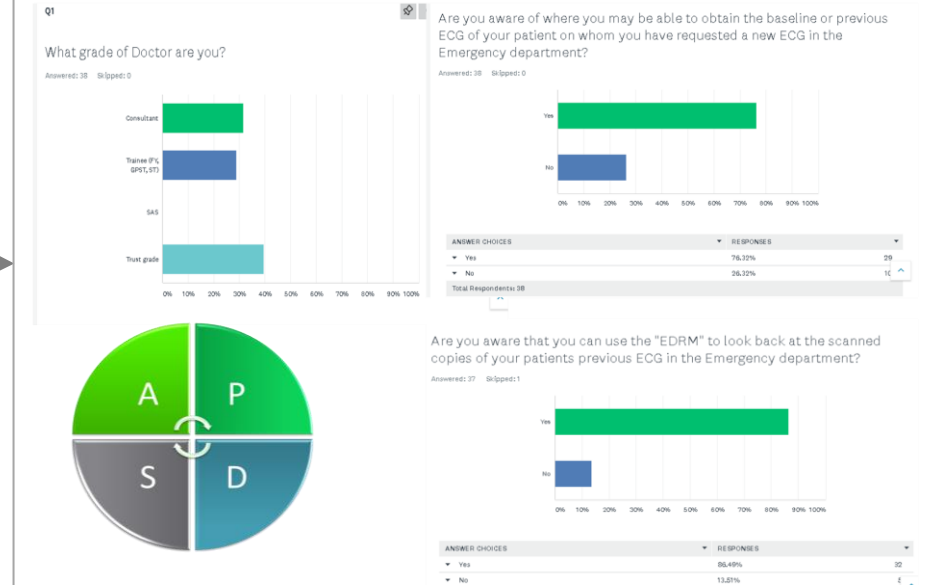
PDSA: Do, Study, Act

Change idea (summary)	Awareness of colleagues about availability of or access to electronic notes for baseline ECG in ED
Do	Survey colleagues
Study	Collate and interpret data
Act	Next steps..... 1. Present data in department, 2. As most respondents with low awareness were Trust doctors should highlight the results to them and evaluate if concerns re: IT issues or logins 3. Suggest to develop small flyers or posters to guide colleagues to use EDRM and evaluate baseline ECG from electronic notes for notice board or email colleagues.

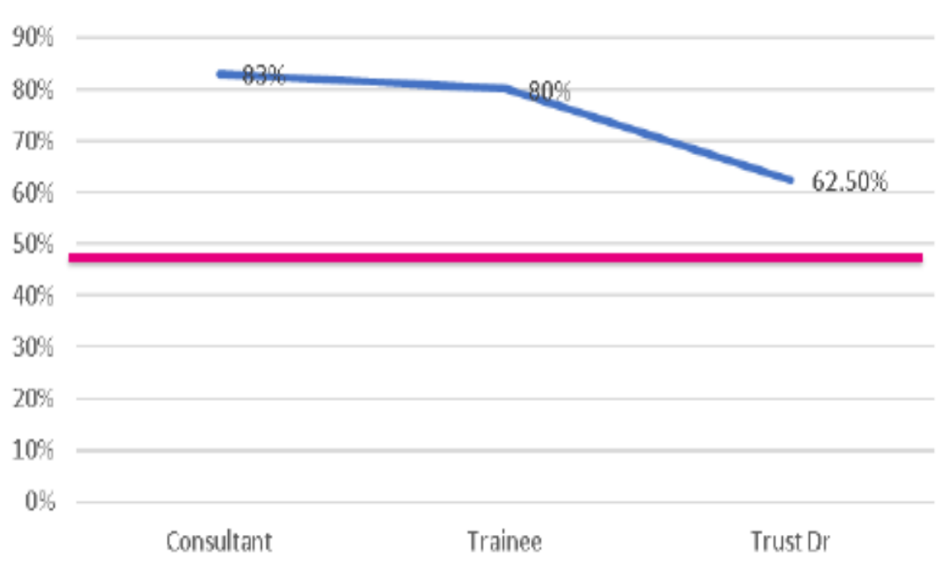
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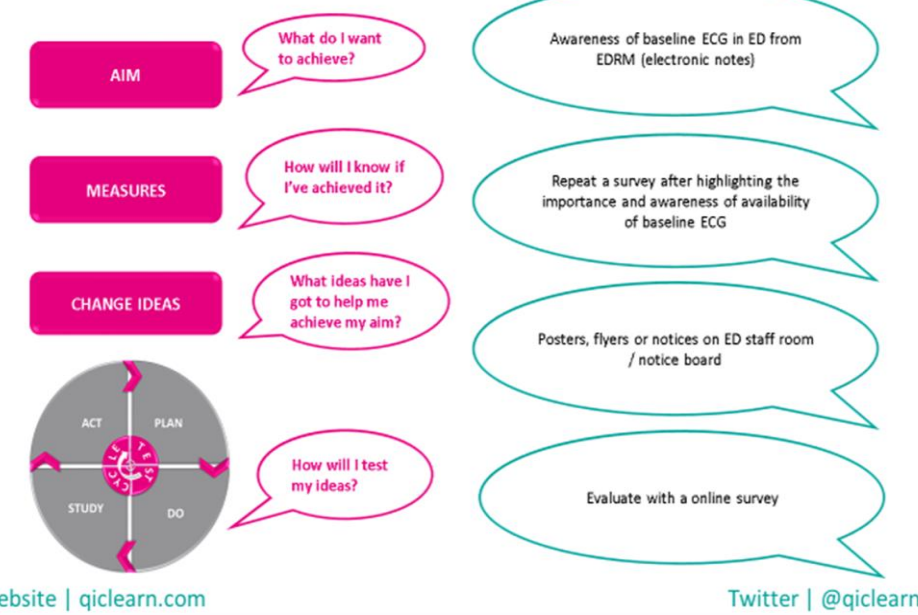
Result:



ED Survey of colleagues aware of where to obtain baseline ECG for new patients:



Model for improvement



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Work in progress...
More PDSAs!

