

Plan-Do-Study-Act Worksheet



Template Created by: UC Health, 2019

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Overall project aim: Increase rates of smoking cessation

Test start date: July 1, 2021

Objective of test: Increase the number of referrals to the quit line by 20% (this test is usually conducted after a previous PDSA test on screening everyone for smoking and assessment of readiness to quit)

Test end date

Plan:

What is the test?

Implement a protocol to consistently identify and connect interested smokers to the 1-800-quit-now using a warm hand off approach (where use of a web referral to the quit line allows the quit line to proactively call patient to offer counseling and resources to quit)

How will data/ measure be tracked?

Using electronic medical record reports, we will measure referrals to the quit line in smokers who were ready to quit.

What is the prediction for the test outcome?

Adoption of standard referral protocol process by staff using web referral will result in an increase in referrals by 20% over baseline in the 12 weeks after implementation

Tasks needed to complete the test

Person responsible

Details/ How

Make sure electronic tools for screening and readiness to quit are functioning and staff know how to use them

Project Lead
Nurse lead
EHR support lead

Test on test patients and then with actual patients by July 14th

Develop a workflow process for web referral to quitline by staff

Nurse Lead
MA Lead

Meeting to discuss workflow and develop workflow diagram by Jul 30th

Review with staff workflow and how to assess smoking status, assess readiness to quit, and refer to quitline

Nurse Lead

Review the 5As HHOI one pager, workflow diagram, and web referral form at provider and staff meeting and tests with 1-2 MAs and 5-10 patients by Aug. 14th

Do:

Was the test carried out as planned?

Yes / No

Test data/ observations:

100 visits in study time; 40 smokers identified; 15 wanted to quit; 10 had referrals (a 40% increase in referrals)

Unexpected events/ observations: not as many patients as televisits not part of this and staff instability meant inconsistent use
Balancing measures: additional time or staff resources (takes 2 extra minutes per referred patient)

Study:

Did the results match predictions?

Yes / No

How are the results different than past tests/ previous system?
The offering for those ready to quit much more consistent and referrals more often given.

New learning from the test:

Televisits need another strategy
Ability to keep process consistent with changing staff needed

Act:

ADAPT: Improve / edit the intervention and continue testing
Plan:

Continue and see about staff consistency improvement and/or televisit strategy

ADOPT: Select changes for larger test or implementation

ABANDON: Discard this change and try a different idea

