

# Sexual Health History Screening Implementation for Providing Quality Clinical Services in Primary Care: A Quality Improvement Project



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PHASE IV: TRANSLATION/APPLICATION

STEP 3

#### INTRODUCTION

For the past six years, the US national incidence rates of STIFIIIV have continuously surpassed the all time high reached the previous year (CDC, 2021b). While the CDC recommends obtaining a sexual health history at intial visits, routine preventive examinations, and acute visits with suspected reproductive, genital, or urologic issues, primary care providers rarely prioritize sexual health and high-risk behavior assessments among recent sexually active people. Sexual health history and high-risk behavior assessment completion rates averaged 23 <sup>24</sup> 70°, during a review of EMR recent healthcare visits (Fredericksen et al., 2018; CDC, 2021).

Due to the medical center's location in the southeastern region of the United States, the demographics served, and its association with a substance use disorder (SUD) treatment center, the private primary acare practice's (PPCP) patient population bears a disproportionately higher STHHV burden. Currently, the PPCP lacks a standardized sexual health history-taking tool, a clinical standard of practice policy, or any similar screening process for addressing sexual health and addition to the limited existence of clinical guideline recommendations—all impeding the PPCP from fulfilling guideline recommendations—all impeding the PPCP from fulfilling

#### SIGNIFICANCE

Purpose: With the US reporting 20 million newly diagnosed STI/HI cases annually, clinical guideline compliance and EBP recommendatio implementation necessitate provider practice changes for high-quality routine sexual and reproductive health services. The quality improvemen (QI) projects purpose was to improve sexual health history-taking (SHI) and documentation in a private primary care practice (PPCP) servin history-taking (SHI) and documentation in a private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private primary care practice (PPCP) servin history-taking (SHI) and the private private private private private private private

### PROBLEM STATEMENT

Aims: The DNP project aims to determine the effect of conducting. 30-minute educational session and implementing the CDC's SPO (Partners, Practices, Protection, Past History of STIs, and Prevention on Pregamery) on a primary care provider's (PCP) clinical guideline adherence to SHH recommendations and documentation with patients presenting for annual wellness exams, well-woman examined family/contraceptive counseling, or acute urogenital complaints in au urban, southeastern PCP.

### METHODOLOGY

PHASE II: VALIDATION

STEP 2

Figure 1.1 Stetler's Model of Research Utilization Applied to DNP Project

PHASE I: PREPARATION

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## SHH completion/EMR documentation and providers' intervention compliance from 2-weeks before and 2-weeks after implementation MEASUREABLE OUTCOMES

- Analysis of the anonymous SurveyMonkey pre-/post-implementation provider survey results to determine any statistically significant differences.
   Comparison between the compiled EMR data of the 2-week period before and the 2-week period after implementation of the SHH tool for any statistically
- Comparison between the complete EMR data of the 2-week period before and the 2-week period after implementation of the STH tool for any statistically significant difference in provider compliance with SHH completion and EMR documentation for ICD-10 Codes identifying eligible patient encounters.

### RESULTS

The pre-implementation provider survey results indicated inconsistent SHH, SHH documentation, and general disconfort with asking patients to discuss sexual health history information. Additionally, the pre-implementation provider survey results demonstrated an unfamiliarity in most providers regarding the use of SHH tools.

The post-implementation survey results indicated providers routinely asked individuals for sexual history information and documents exacual histories more frequently when using the SHH tool. Furthermore, providers felt more comfortable discussing sexual health history information when using the SHH tool's prompted questions. Overall, the survey results indicated providers support implementing the CDC'S SPs SHH tool and felt a greater it licithood exists for providers to complete and document sexual health histories in the EMD throughston commonly of CDC'S SPS SHH tool's

	de 3.0 Providers' Per-Implementation & Post-Impl			
	"I feel that sexual health history taking is not a	Strengty disagree	Per linereman in	Peri serverence
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		Arres	1 (37%)	1 (3374)
		Agree Strongly agree	1 (87%)	0
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(20	"I feel uncombretable initiating second health history discussions with my nationis."	Disagree	2 (96.7%)	3 (100%)
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		Agree Strengty acres	1 (37%)	0
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(20	"I document the patient's sexual health lettery results in the electronic medical record (EME)."	Navole	2 (96.7%)	0
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	STRUCK."		1 (37%)	3 (100%)
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(20	A. 'I already feel confident using sexual health	Strongly disagree		0
	history-taking tools."	Disagree	2 (66.7%)	
	R. "I felt perpared to use the second health	Neither agree nor disagree	1 (33%)	0
	history-taking tool after attending the	Agree		3 (100%)
_	educational session."	Strongly agree	0	0
(60	"The second health history-taking tool will	Strongly disagree	0	0
	betwee helpful in my clinical practice and	Disagree	0	0
	identify patients' sexual behaviors/risk factors."	Neither agree nor disagree		0
		Agree	2 (66.7%)	0
_		Strongly agree	1 (03%)	3 (100%)
(7)		Strongly disagree	0	0
Ι'	history-taking tool during patient recounters."	Disagree	1 (33%)	o .
	R. "I will likely keep using the sexual health	Neither agree nor disagree	1 (00%)	
	history-taking tool in my clinical practice."	Agree	1 (00%)	2 (66.7%)
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				2 (66.7%)
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(9)	What would make it racior to address sexual heal with patients?	Strongly agree	"Having clear screening gradelines gradules."	"The CDC's SPs below slavily according
(%)	What would make it easier to address sexual heal with patients?	Strongly agree	"Having their screening guidelines available."     "Bring more condistable."	"The CDC's SPs below clarify screening expectations."
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### LIMITATIONS

geographical location; (c) demographics served; and (d) association with a SUD treatment center.

STEP 4

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Over the four-week project period, a total of n=1.031 EMR charts [primplementation (n=1.81)] were reviewed for SIHI completion: An end in early post-implementation of a 1819] were reviewed for SIHI completion: EMR documentation. Analysis of eligible encounters' charts showed significant improvement in post-implementation SHII completion: EMR documentation rates (37% in pre-intervention, 82% in post-intervention). The chi-square test findings Z(t) (X = 10.31) = 43.637, p < 0.31 displayed a significant relation between the variables, indicating an increased likelihood of sexual health history EMR documentation by implementing the CDCS 5PS SHIII of the second of the completion of the second of the completion of the

### IMPLICATIONS FOR PRACTICE

The CDC's SPs availability for elinically relevant encounters increased PPCP providers completion and frequency of sexual health history EMR documentation compared to the pre-implementation documentation rates while promoting the expansion of high-quality pre-implementation documentation rates while promoting the expansion of high-quality sexual health services—decreasing the likelihood of adverse outcomes. With further research and SHH tool implementation, sexual health information acquisition can become spirit effort to improve sexual and reproductive healthcare services while reducing STI/HIV incidence through clinician-patient collaboration. The CDC's SPs offer a simple converted to the control of the control of

REFERENCES

(a) Section 1 Access to the control of the CPT Appendix of the CPT

STEP 1

After receiving the SurveyMonkey platform's link to the pre-survey via secure of the standard via mildlinded free-object-with amplitude and the CDE's \$6. Stifft and for survey in the standard via mildlinded free-object-with amplitude and the CDE's \$6. Stifft and for survey in the standard via mildlinded free-object-with amplitude and the CDE's \$6. Stifft and for survey in the standard via mildlinded free-object-with amplitude and the control of the standard via mildlinded free-object-with amplitude and the standard via mildlinded free-object-with amplitude

After receiving the Survey Monkey platform's link to the pre-survey via secure small address NPs completed apre-post-independention survey, received a 10-minute calculational to NPs completed a pre-post-platform to the NPs completed and two free response questions. All responses remained anonymous by each provider choosing a three-number exquence to identify themselves by on the free response provider choosing a three-number exquence to identify themselves by on the free response

The EMR A Afreas Report Buller function compiled the project data, including the ICD-10 Code for right patient reconstructs. Bill completion of the IMR decommission, and each provider compliance with the patient reconstruction for both the 2-week period before and the 2-week period drift implementation of the SHH tool bull. The downwards (ICD Code) and appropriate the number of secreed rights planning time recent of the complete of the Code of the Code of the Code of the Code of the family contraceptive counseling or a cuts trougenist complaints. All data on the providers compliance remained anonymously the ICDP projects in champing 1649 or Thompson, ICDP providing, the data below

The data collected from the EMPL, Athens Report Builder included the viries chief compulsarious EMBL Chain with power for the control of the control of the computer of the computer of the control of t At the and of the two-well implementation points, the NPs was used to link to the past are usual using survey-linkerly as the corpy platform. Tag per implementation provider our consisted of 10 tents, eight spectrum, such as past to the past liker's design and two free exposure of the constraints of the past liker's design and two free exposure platform. Tag per some the first plate and per some measurements for enemy being used as first response electricism as their desmitter for both surveys. The subsequent data collected and representation of the past like the past l