

## Graphs and Images

### From Research to Quality Improvement: Adolescent NG/CT Screening and Lessons Learned from a Texas Academic Medical Center

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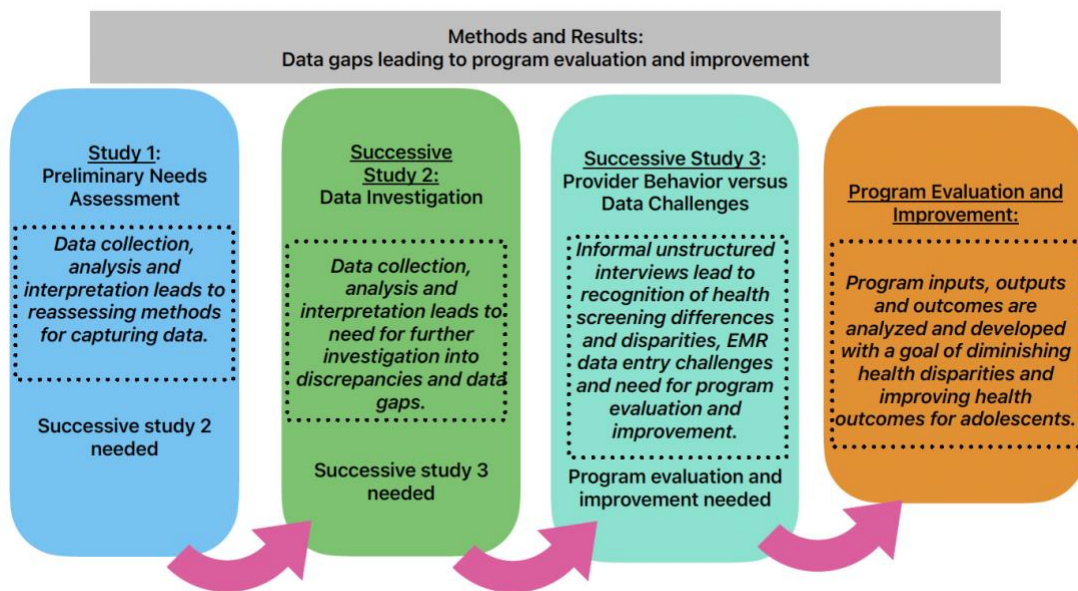


Figure 1: Methods and Results Overview

**Table 1.** EMR Variables Requested for Analysis.

<b>General Parameters</b>	Date of visit
	Notation if a visit was a well-check
	Patient height and weight, date of birth, and age
	Clinic Location and medical provider seen
	Payer source
	Patient race, ethnicity, sex, language and zip code
<b>Sexual Health Parameters</b>	NG*, CT*, syphilis and HIV screening
	NG diagnosis*
	CT diagnosis*
	HIV diagnosis
	HPV vaccine received
	Pregnancy testing
	Contraceptive Counseling
	Sexually active? (Y/N)*
	Practicing safe sex?* (Y/N/Sometimes)

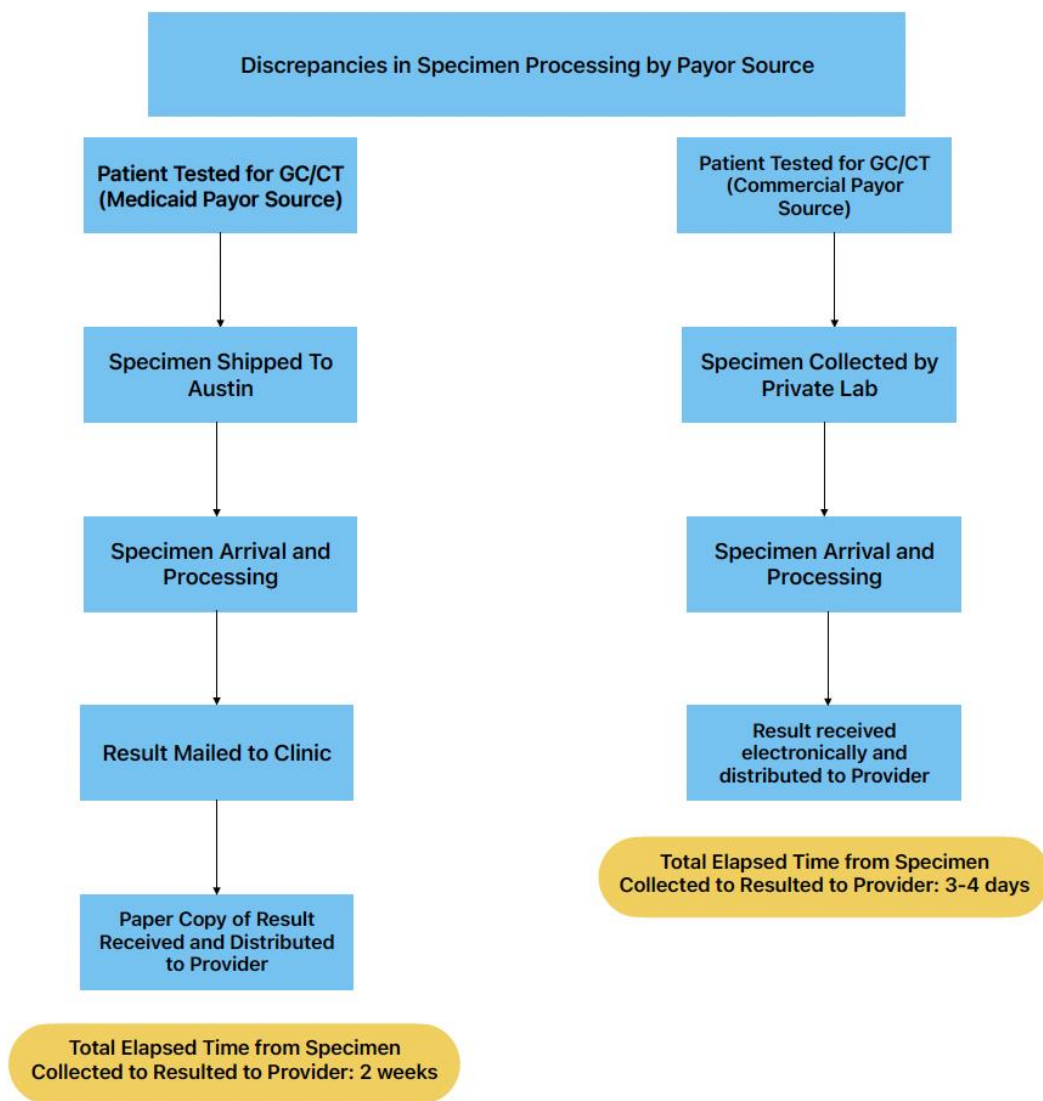
*\*Indicates parameters of interest throughout research studies*

**Table 2.** Data Results from Study 1 and Data Refinement for Study 2.

Study 1: Preliminary Needs Assessment	
<b>Data Results</b>	.1% proportion of patient visits screened for GC/CT
<b>Data Refinement (Moving to Study 2)</b>	Reassess ways to capture data apart from ICD-10 codes

**Table 3.** Data Results from Study 2 and Data Refinement for Study 3.

<b>Study 2: Data Investigation</b>	
<b>Data Results</b>	3% proportion of patient visits screened for GC/CT
	<0.2% patient visits with diagnoses of GC/CT
	6% of patient visits with sexual activity documentation
	3% of patient visits with safe sex practices documentation
<b>Data Refinement (Moving to Study 3)</b>	Resolving discrepancies in best ways to capture data
	Plan a series of informal unstructured interviews to improve understanding of data and system processes



*Figure 2. Discrepancies in Specimen Processing by Payor Source*

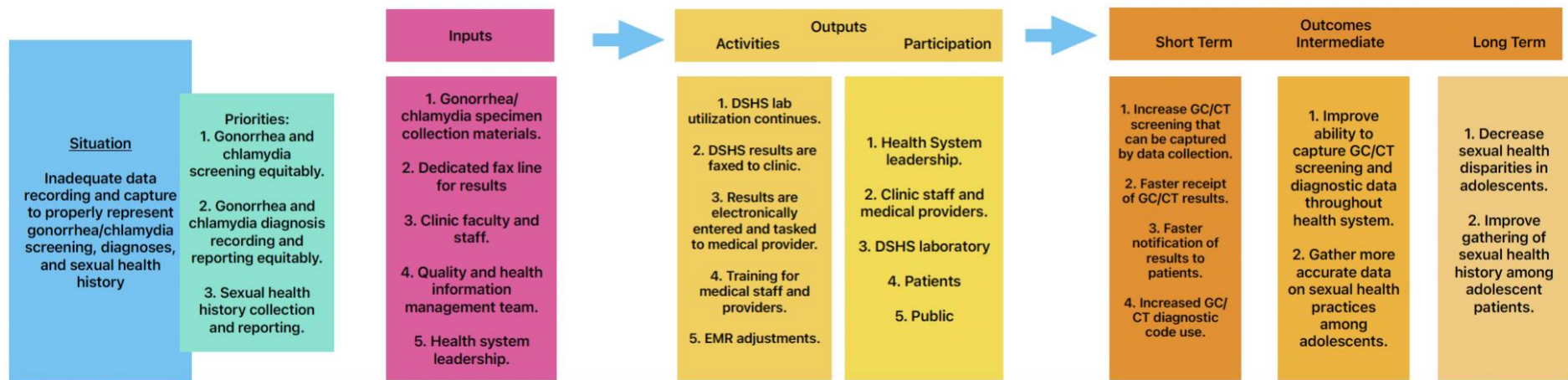


Figure 3: Adolescent Sexual Health Data Collection and Reporting: Program Improvement