Advancing F

SUMMARY

Screenings for developmental delays and autism in primary

FDUH SHGLDWULFLDQV· R€FHV DUH DQ LPSRUWDQW WRRO IRU HDUO\ LGHQWLÀFDWLRQ LQWHUYHQWLRQ DQG UHIHUUDO WR DSSURSULDWH services. As part of Pennsylvania's Children's Health

Insurance Program Reauthorization Act (CHIPRA)

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Philadelphia (CHOP) implemented electronic screening in

12 of its pediatric primary care sites between 2011 and 2013.

Adoption of electronic screening methods for developmental

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Table 1. Fully-electronic screenings: timing and tools

	Screening Well-Child Visits	Screening Tool Used	
Developmental Delay	9, 18, 24, and 30 months	Survey of Well-Being of Young Children (SWYC) Developmental Milestones	
Autism	18 and 24 months	Modi ed Checklist for Autism in Toddlers (M-CHAT)	
Postpartum Depression	2 months	Edinburgh Postnatal Depression Scale (EPDS)	
School-Age Behavioral Concerns	9 years	Pediatric Symptom Checklist – 17 Items (PSC-17)	
Adolescent Depression	16 years	Patient Health Questionnaire Modi ed for Teens (PHQ-9 Modi ed)	

The fully-automated electronic screening method has been expanded across CHOP's network. In response to WKH SRVLWLYH UHDFWLRQV IURP SDWIMEHRAND SPENDSCOTINGLOF CONTROLLER PROCESSION OF SECONINGLOF CONTROLLER PROCESSION OF SECONING CONTROLLER PROCESSION DQG DOO R€FH VWD• DV ZHOO DV VFUHHQLQJ DQG GHFLVLRQ VXSSRUW screening process is now in use at all of CHOP's 31 primary care sites across southeastern Pennsylvania and VRXWKHUQ 1HZ -HUVH\)URP -XO\ TXHVWLRQQDLUHV KDYH EHHQ and families using this system.

Fully-automated electronic screening—

- ‡,GHQWLÀHG DOO FKLOGUHQ DJHV screenings at their routine well-child visits.
- Linked with the practices' EHRs so that families were able to use the EHR's patient portal to complete the screening questionnaires at home before the visit.
- · Prompted registrars during the check-in process of screening-eligible patients who had not already completed the screenings to load screening questionnaires on tablet computers. Rules built into the EHR software determined ZKLFK TXHVWLRQQDLUH IRUPV ZHUH taking into account the patient's age and a correction for JHVWDWLRQDO DJH XS WR ERUQ SUHPDWXUHO\ IRU WKH GHYHOroginests.QWDO DQG DXWLVP

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- Instantly scored screeners and displayed results in the child's EHR chart for the provider to review at that visit.
- Displayed a variety of tailored clinical decision-support tools (such as automated referral letters to Early Intervention Program resources and age-appropriate family handouts) for the provider to access as appropriate.

Did It Work?

Electronic screening has resulted in better screening practices.

- Documentation of screening improved. Completed screenings no longer went undocumented because providers did not have time to enter the results in the EHR.
- Practices were able to track their screening rates more easily and accurately. Providers reported that the fullyautomated electronic system minimized the amount of

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- CHOP was able to report screening rates more accurately. Developmental Screening in the First 3 Years of Life is a part of the Core Set of Children's Health Care Quality Measures for Medicaid and CHIP. More accurate documentation at the practice level translates to more reliable data for the State Medicaid agency to use for reporting.
- Families reported positive experiences with the Socielenting paddesisGFaRnDesVielsdritedVthDatEtra bliefothonic system was easy to use and it allowed them to feel more PRQWKVinvolved/inastsetsangltGeid Enludremis bleoenophteral