

How long does it take facilitators to improve primary care practices' scores on the Key Driver Implementation Scale (KDIS)?

Angela M. Stover PhD, Mian Wang, PhD, Christopher Shea, PhD,
Erica Richman, PhD, MSW, Jennifer Rees, RN, CPF CRN, Jacqueline Halladay, MD, MPH

BACKGROUND

- Practice facilitators (PFs) may use the “Key Driver Implementation Scale” (KDIS)
- KDIS measures degree to which a practice implements key driver activities
- This study assessed practices':
 - Starting scores on KDIS items
 - Increase in scores every month
 - Estimated number of months to move a practice to full implementation

SETTING: BLOOD PRESSURE TRIAL



Southeastern Collaborative to
Enhance Blood Pressure Control

- Usual care vs. PF and/or peer coaching to improve blood pressure control
- Clinicaltrials.gov: NCT02866669

PRIMARY CARE PRACTICES

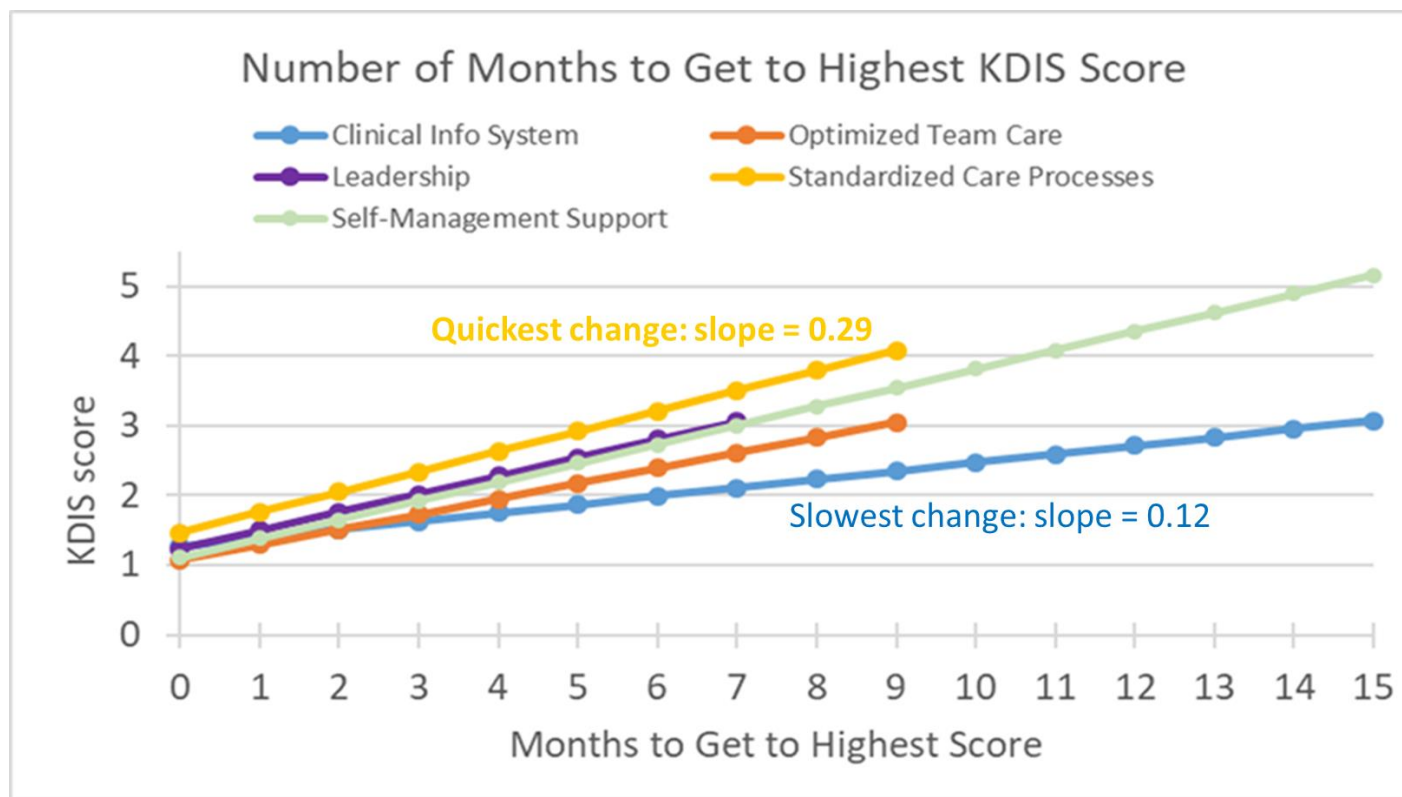
- 69 primary care practices enrolled
- 32/69 cluster-randomized to arm with PF
 - 18 practices in Alabama
 - 14 n North Carolina

METHODS

- PFs completed 10-12 monthly KDIS ratings
- Total of 364 KDIS observations
- Linear mixed model, treating PFs as clusters

RESULTS

- Starting score on KDIS items: average of 1 (scales start at 0)
- Estimated number of months to move a practice to full implementation:
 - 7 months: Leadership
 - 9 months: Optimized team care, Standardized care processes
 - 15 months: Clinical information system, Patient self-management support



CONCLUSIONS

- Understanding the progression of KDIS scores is useful for planning trial design
- Further work is needed to understand whether KDIS items predict changes in patient and practice outcomes