

NCCRT-ACS Cancer Center Summit Advancing Colorectal Cancer Screening
<p>The Power of Patient Navigation October 2, 2017</p> <p>Lynn Butterly, MD Director, Colorectal Cancer Screening Dartmouth Hitchcock Medical Center PI, New Hampshire Colonoscopy Registry PI and Medical Director, NH CRC Screening Program</p>

NH CRCSP Patient Navigation (PN) Model
<ul style="list-style-type: none"> ■ The New Hampshire Colorectal Cancer Screening Program (NHCRCSP) has been a statewide, CDC funded program (CRCCP) since 2009 ■ NHCRCSP collaborates closely with our NCI-designated Cancer Center, the Norris Cotton Cancer Center at Dartmouth ■ NHCRCSP provided a free colonoscopy program for uninsured individuals, for which we designed and implemented a Patient Navigation model

Cancer Center Collaborations
<ul style="list-style-type: none"> ■ Comprehensive Cancer Coalition (CCC) ■ American Cancer Society Projects ■ Statewide Expos (CRC screening "fairs") ■ Community Education (NCI Screen to Save) ■ Support and disseminate screening guidelines and patient navigation <ul style="list-style-type: none"> - NHCRCSP Medical Advisory Board (MAB): CC members provide diversity of expertise

Rationale for Patient Navigation in CRC Screening
<ul style="list-style-type: none"> ■ Colorectal cancer (CRC) is the second most common cause of death from cancer in the U.S. ■ CRC can be <i>prevented</i> through screening, in addition to early detection to prolong survival ■ Despite compelling evidence for CRC screening those rates remain low, <i>particularly for low income individuals and racial and ethnic minorities</i>

Initial Goals of the NHCRCSP
<ul style="list-style-type: none"> ■ Increase CRC screening for all NH individuals over age 50 to 80% (80% by 2018 Initiative) ■ Address Disparities: Offer <i>high quality</i> free colonoscopies to low income, uninsured or underinsured individuals ■ NHCRCSP works with NH health centers (FQHCs, CHCs, health systems) to reach the 80% goal

NHCRCSP Patient Navigation
<ul style="list-style-type: none"> ■ NHCRCSP provided over 2000 colonoscopies for uninsured NH residents at or below 250% of the federal poverty level. ■ Patients were navigated throughout screening process: <ul style="list-style-type: none"> – Medically appropriate – Had understanding of test and prep – Received results and recommended follow-up – <i>Barriers</i> identified and addressed throughout the process (NHCRCSP navigation protocol designed to address common barriers)

NHCRCSP Patient Navigation Outcomes
<ul style="list-style-type: none"> ■ >96% completion of colonoscopy ■ 0.1% no-shows (2 out of 2000) ■ < 1% inadequate preparations ■ 100% of patients and PCPs received report and follow-up recommendations ■ Extremely high patient satisfaction

Evaluation of NHCRCSP Navigation
<p>Excellent Patient Outcomes High Patient Satisfaction Comprehensive Data Collection</p> <p>CDC Evaluation: <i>Comparison Group Study</i>* (and pending Cost Study)</p> <p>* Rice, K et. al. Increasing Colonoscopy Screening in Disparate Populations. Cancer, 2017</p>

Evidence For NHCRCSP PN Model
<p style="text-align: center;">Outcomes of the Comparison Study</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>↑ 11 times more likely</p> <p><small>to complete colonoscopy than one without a patient navigator</small></p> </div> <div style="text-align: center;"> <p>↓ 40 times less likely</p> <p><small>to have an inadequate preparation</small></p> </div> <div style="text-align: center;"> <p>↑ 6 times more likely</p> <p><small>to have a follow-up recommendation</small></p> </div> </div>

The Compelling Case for Navigation
<ul style="list-style-type: none"> ■ Providing patients with high-quality CRC screening can save thousands of lives ■ Colorectal cancer, a preventable disease, has an estimated annual national cost of \$14 billion ■ Patient navigation increases CRC screening

Conclusion
<p>Patient Navigation is an extremely effective method of increasing CRC screening and reducing disparities, while simultaneously ensuring high-quality and appropriate follow up.</p> <p>Cancer centers can provide expertise and champions to increase screening.</p>