



CCDR Committee Updates

George J Chang, MD MS
Health Outcomes Committee
May 14, 2016



CCDR to lead to evidence-based practice change

Attributes of CCDR

Saliency to patients and clinicians

Clinician collaboration in design and conduct of studies

Use of standardized measures of health care quality

Examination of causal pathways and active ingredients of practice change

Incorporation of diverse settings and samples

Evidence-based practice change: clinically important and sustained modification of the structures and processes of cancer care delivery to improve clinical outcomes, enhance patient experiences, and optimize value

ALLIANCE CCDR Research Priorities

Patient/Caregiver Communication

- Engagement
- Decision Support

Clinical Care Coordination

- Survivorship Care Plans
- Multidisciplinary Care Coordination

Cost and Value of Care

- Cost and Value of Care
- Financial Toxicity
- Treatment Effectiveness

Health Care Systems

- Systems/Organization
- Leveraging IT

Quality of Care

- Improving Surgical Care
- Reducing Health Disparities

Precision Medicine

Active Studies (3)

- **Improving Post-treatment Surveillance for Breast, Colorectal, Lung Cancers** (funded by 3 PCORI contracts: Chang, Greenberg, and Kozower)
- **A phase II/III trial of neoadjuvant FOLFOX, with selective use of combined modality chemoradiation versus preoperative combined modality chemoradiation for locally advanced rectal cancer patients undergoing low anterior resection with total mesorectal excision (PROSPECT)** (PI: Deborah Schrag, MD)
 - CCDR/HO correlatives
- **Effect of Preoperative Breast MRI on Surgical Outcomes, Costs and Quality of Life of Women with Breast, Cost Effectiveness Analysis Correlate to A011104** (PIs: Tina Shih, Tina Yen)



Awaiting Activation (4)

- **Testing decision aids to improve prostate cancer decisions for minority men (PI: Tilburt)**
 - NCORP CCDR cluster randomized trial within urology practices to test the comparative effectiveness of in-visit vs. out-of-visit vs. both decision aids on patient knowledge, quality of life outcomes, and treatment utilization
 - Status: R01 funded, approved NCORP CCDR, currently undergoing protocol development; available June 2016

Awaiting Activation

- **Comparative effectiveness of post treatment surveillance frequencies and strategies for prostate cancer survivors** (funded by PCORI: Chen)
 - Status: Protocol development
- **Rivaroxaban versus Low-Molecular Weight Heparin or Coumadin for Treatment of Venous Thromboemboli (VTEs) in Cancer Patients** (funded by PCORI: Schrag)
 - Status: Protocol development
- **Comparison of Operative to Medical Endocrine Therapy for Low Risk DCIS: COMET Trial** (funded by PCORI: Hwang, Partridge, Thompson)
 - Status: Protocol development



Studies in Development (7)

- **Access to and Value of Treatment Innovation in Blood Cancers** (funded by LLSF: Conti)
 - To examine awareness and communication of out of pocket costs of cancer treatment, influence of drug costs on treatment decisions and value of innovation from physicians' and patients' perspectives
 - Status: Awaiting IRB approval for preparatory site activation
- **Implementation of a web-based breast cancer surgery decision aid: adapting to the local context** (PI: Neuman)
 - To identify patient, provider, and clinic level barriers to the implementation of a web-based breast cancer surgery decision aid; optimize acceptability and reach, and test strategies to address barriers in varied clinic settings with diverse patient populations
 - Status: Committee approved, concept/funding in development

Studies in Development

- **Improving surgical care and outcomes in Older cancer Patients Through Implementation of an efficient pre-Surgical toolkit (OPTI-Surg)** (PIs: Finlayson/Chang)
 - Cluster randomized trial to measure the impact of a targeted pre-surgical frailty package intervention (OPTI-Surg) on practice-level rates of postoperative return-to-baseline and morbidity through a cluster randomized trial
 - Status: Positive early discussion with NCI, concept submission planned Summer 2016
- **Pragmatic trial of a comprehensive treatment deliberation system for patients with breast cancer (iCanNavigate)** (PI: Katz)
 - Integrated online treatment deliberation system designed to evaluate: patient knowledge of treatment tradeoffs; patient and clinician appraisal of the decision process; and efficiency of practice decision workflow. www.cansort.org

Studies in Development

- **Omission of ALND in Patients with 1-2+ SLN undergoing Mastectomy** (PIs: Mittendorf/Leitch)
 - Pragmatic RCT ALND vs no ALND, collaboration with Breast Surgery Group
 - Status: Preparing for PCORI application
- **AYAs with Acute Lymphoblastic Leukemia (ALL): Treatment According to Quality of Care Measures** (PI: Wolfson)
 - Collaboration with Children's Oncology Group (COG)
- **Roles and responsibilities of oncology providers in multidisciplinary breast cancer follow-up** (PI: Neuman)

CCDR in the Alliance

Cancer Care Delivery Research

Patient's experience of
the disease and
treatment

Intersection of care
delivery and patient
experiences

Organization and delivery
of healthcare
Providers and provider-
patient interactions

Health Outcomes
Symptom Management
Prevention
Cancer in the Elderly
Health Disparities



NCORP CCDR Resource Update

- **Landscape Survey Completed**
 - CCDR Capacity and Infrastructure
 - Data available through committee request
- NCI **guidelines** for soliciting participation in CCDR concept **preparatory work** within the NCORP network
- **CCDR CIRB** established

Utilization of Landscape Survey Data

- Identify NCORP sites affiliated with Alliance Research Base
- Recruit appropriate sites for specific research questions and patient populations
- Calculate sample sizes, assess study feasibility
- Data retrieved and analyses through Alliance Stats and Data Center (Mayo)

Study-Specific Use

Protocol Development

Testing decision aids to improve prostate cancer decisions for minority men

- M/U sites with >1 GU service:
 - Plus safety net status (n=32)
 - Plus >25% Medicaid/ uninsured (n=35)
 - Plus either safety net status OR >25% Medicaid/uninsured (n=55)
 - Plus safety net status AND >25% Medicaid or uninsured) (n=12)
- Excluded children's hospitals

Concept Development

Improving surgical care and outcomes in Older cancer Patients Through Implementation of an efficient pre-Surgical toolkit (*OPTI-Surg*)

- Patients of patients >65 years and at least 1 surgical oncology specialist (n=38)
- % Medicare
- Details on survivorship care plans, patient navigation, multidisciplinary care

Research Partnership with CoC

ACS CRP
CCDR Committee



A multidisciplinary program of the American College of Surgeons



CCDR Pilot Project Awards

- Purpose: to generate preliminary data that will lead to the development of an Alliance CCDR study for submission to the NCORP network
- Deadline June 17th, 2016
- \$150,000 per award
- Submit a Statement of Interest to Amanda Francescatti (afrancescatti@facs.org)

Acknowledgements

- Alliance representation on NCI NCORP CCDR Committees
 - CCDR Coordinating Committee (Jan Buckner, Co-Chair; George J Chang; Bruce Rapkin; Lucy Gansauer; Jennifer Griggs; Judith Hopkins; Matthew Hudson)
 - CCDR Steering Committee (Ethan Basch; Caprice Greenberg; Amylou Dueck)
 - Metrics of Participation Working Group (George J Chang, Chair; Alan Lyss; Lucy Gansauer; Bruce Rapkin)
 - IT Infrastructure Working Group (Jeff Sloan)
- CCDR Committee Executive Leadership
 - George J Chang, Stephen Edge, Heather Neuman, Ethan Basch, Caprice Greenberg, Deborah Schrag

Questions?

gchang@mdanderson.org
afrancescatti@facs.org



Concept Submission Process

