



# Introducing the STAR Clinical Research Network

The STAR Clinical Research Network (CRN) focuses on people-centered research. People-centered research means studies that focus on outcomes that matter most to patients. We also engage patients, family caregivers, clinicians, and other healthcare stakeholders as active partners in research, helping research teams decide what to study and how to study. We also conduct studies that leverage data analysis tools and key stakeholders to perform pragmatic clinical trials, comparative effectiveness studies, real-world evidence research, and health systems innovation. Pragmatic clinical trials and comparative effectiveness studies, for instance, measure benefits and harms to determine which of two or more healthcare options works best for different types of patients. Studies can compare, drugs, devices, procedures, or delivery-system interventions.

With data on over 12 million patients, the STAR CRN network consists of academic health centers, community hospitals and a range of outpatient practices including primary care, specialty practices and safety net facilities that serve diverse populations. The network provides access to a broad array of clinical data, informatics tools, patients, providers and systems that lets us address an array of research questions.

These type of research studies aim to determine which healthcare options work best for which patients given their needs and preferences. The goal is to help patients and those who care for them to make better-informed health and healthcare decisions.

## For Stakeholders...

As a stakeholder for the STAR CRN, there are many opportunities to influence and help shape the course of research.

- Two stakeholders sit as voting members of the Leadership Committee, which vote on each prospective project as it comes in.
- The Stakeholder Advisory Council meets regularly to review projects and make suggestions for how to make all projects more people-centered.
- All stakeholders are involved in helping disseminate research results not just to other medical professionals, but to the community as a whole. There are active stakeholders at each STAR site.

*"There is a great need in our communities to improve health by working with and supporting health systems as they produce and use evidence to inform policy and practice. I believe that the voice of patients must be a part of the policy and practice conversation. The work of STAR-CRN and its collaborative partners is an excellent opportunity for the inclusion of patients and community voices."*

– Neely Williams, M.Div., Ed.D

## STAR Clinical Research Network current reach:

9 actively participating stakeholders

12 million patients nationwide within the STAR CRN



# Additional Information About Clinical Data Research Networks

## SERVICES OFFERED

- Development and validation of computable phenotypes (algorithms to identify patients with certain conditions)
- Obtain counts of potentially eligible subjects, procedures or other items to include in grant proposals and understand if the project is feasible.
- Identification and contact of patients across STAR
- Contact of potential study subjects through phone, email, patient portal and other modalities
- Stakeholder Engagement (Patients/Families, Clinicians, Clinics, etc)
- Electronic consent, survey, payment, decision support for trial delivery

## TYPES OF RESEARCH CONDUCTED

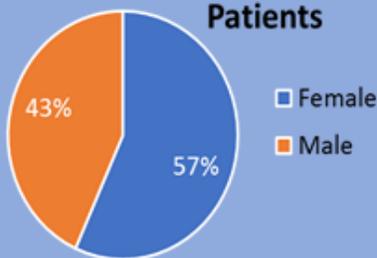
- Research on de-identified electronic health record data
- Research on identified electronic health record data
- Survey Research
- Observational research
- Pragmatic clinical research
- Implementation research

*"Our aim is to improve the health of entire populations, and this expansion gives our network a new geographical reach, with electronic health record data on over 12 million patients. Together we're bringing new flexibility, efficiency and power to clinical trials and effectiveness research."*

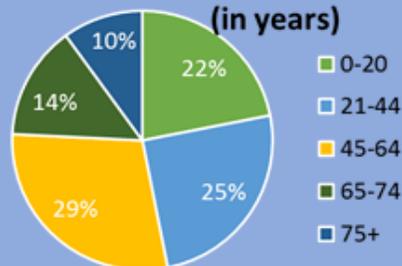
– Russell Rothman, MD, MPP;  
STAR CRN Network PI

## DEMOGRAPHICS

**Sex Composition of STAR CRN Patients**



**Age Composition of STAR CRN Patients (in years)**



**Disease Types Represented in STAR CRN Data (by case count)**

■ Respiratory Conditions
■ Selected Malignancies
■ Myocardial Infarction
■ Stroke
■ Rheumatoid Arthritis  
■ Ulcerative Colitis
■ Hypertension
■ Renal Disease
■ Influenza / Pneumonia

