



Introducing the STAR Clinical Research Network

The STAR Clinical Research Network (CRN) focuses on *people-centered* research, including studies that leverage informatics tools and key stakeholders to perform pragmatic clinical trials, comparative effectiveness studies, real-world evidence research, and health system innovation.

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 let us address an array of research questions.

To date, STAR CRN has collaborated with industry partners such as Boehringer Ingelheim, Novartis, Novo Nordisk, Eli Lilly, Amgen, and others. Our studies have led to publications in journals such as JAMA and the Journal of Biomedical Informatics as well as presentations at venues such as the American Diabetes Association and the AIMA Informatics Summit.

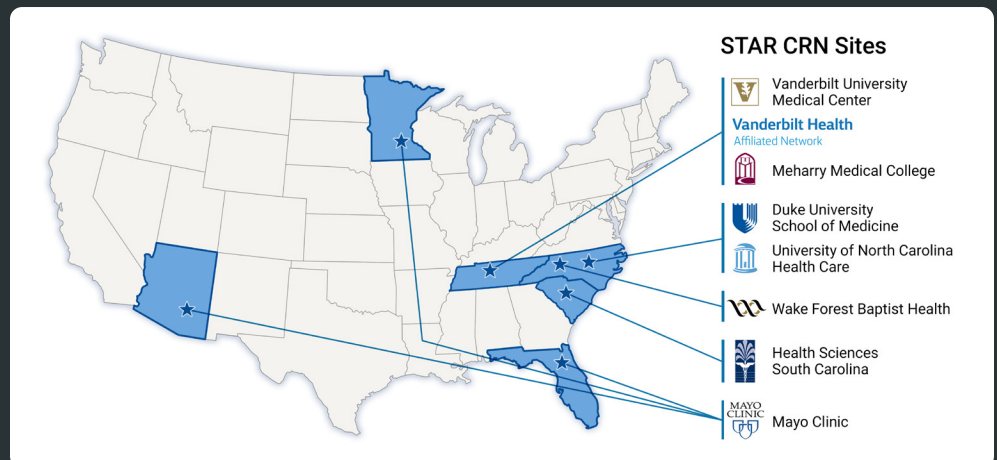
For Industry...

Access to a diverse patient population and with a proven track record of real world evidence research and clinical trials. We have created and run trials such as:

- **COORDINATE-Diabetes -- funded by Boehringer Ingelheim and Eli Lilly, this study aims to implement educational interventions that will develop cardiology and endocrinology partnerships and guideline-recommended care pathways with measurement and feedback to improve the care of patients with type 2 diabetes mellitus and cardiovascular disease. This study is ongoing.**
- **PROVIDE-HF – partnership with Novartis to compare patient reported feelings of well being between those on Entresto and those with similar medical backgrounds who are not receiving the drug. This study was published in the Journal of the American College of Cardiology.**

STAR Clinical Research
Network current reach:

**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

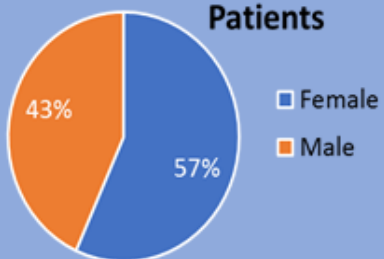
- Research on de-identified electronic health record data
- Research on identified electronic health record data
- Survey Research
- Observational research
- Pragmatic clinical research
- Implementation research

"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."

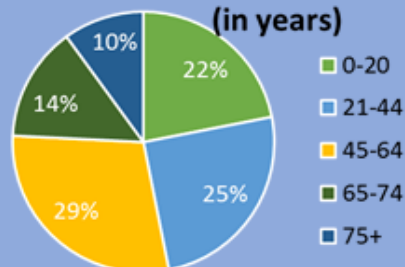
– Russell Rothman, MD, MPP;
STAR CRN Network PI

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

