

CTS and Impact

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Anschutz

Colorado Clinical and Translational
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CTS in Action @ CTRC 2025

Annual CTRC User Satisfaction Surveys
User Advisory Board
Staff feedback

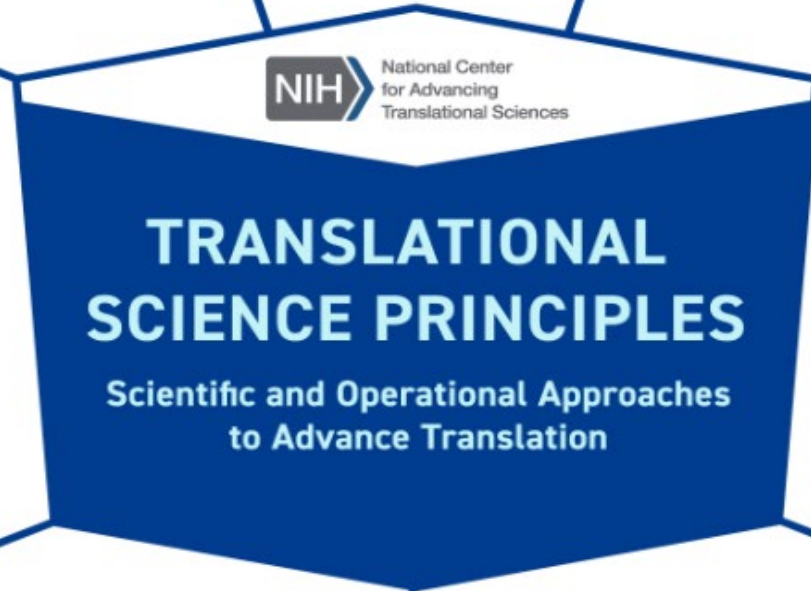


CTRC User Guide

Adult CTRC Visit Status Dashboard



Adult CTRC Study Startup Dashboard



Adult CTRC MD Orders Portal



Peds CTRC Epic Use Plan templates



Peds CTRC Infusion Reaction Management



GENERALIZABLE SOLUTIONS


CTRC User Guide

- CTRC staff were frustrated with study teams not following proper processes during visits
- Study teams reported lack of proper instructions on CTRC processes
- User Guide is a 'how-to' resource for study teams to conduct research visits at CTRC
- Onboarding or training tool for study coordinators
- Adopted at CU Boulder CTRC



CTRC User Guide - How to Conduct Research Visits at the CTRC

A "How-To" resource for conducting research visits at the Adult and CHCO CTRCs. Ideal for new and experienced research teams.

[User Guide](#) 





BOLD & RIGOROUS

Pediatric CTRC Infusion Reaction Management

- Creation of Infusion reaction emergency management guidelines and medications order set
- Collaboration - CTRC RNs, Study coordinators, CHCO physicians & IDS pharmacists
- *In Situ* Hi-Fidelity mock codes conducted at Peds CTRC
- Outcomes: **Shift in PI expectations in high-risk infusion studies, ensure patient safety** in research
- Recognition:
 - **Nominated for CHCO Nursing Excellence Award**
 - **Highlighted in CHCO patient care services annual report**
 - **IDS Pharmacy poster presentation at CHCO 10th Annual QI symposium**

Hi-Fidelity codes conducted at Peds CTRC





CREATIVITY AND INNOVATION

Adult CTRC Visit Status Dashboard

- Technological solution to inefficient manual process of checking in/out research participants & tracking down individual team members during research visits
- Visual color-coded dashboard with real-time status that is displayed in OP clinic & can be accessed via mobile phone/tablet
- **CU Innovation and Efficiency award winner in 2023**



CTRC Visit Status Dashboard Team



CROSS-DISCIPLINARY TEAM SCIENCE

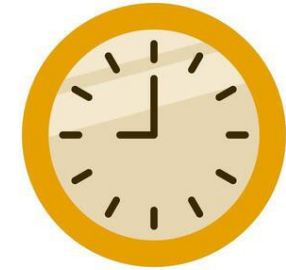
Adult CTRC Study Startup Dashboard

- Technological solution to the long-standing problem of creating startup documents and MD orders for CTRC studies
- Allows for easy collaboration between study team, 7 CTRC cores, UCH and CU research pharmacies
- **CU Innovation and Efficiency award winner in 2025**

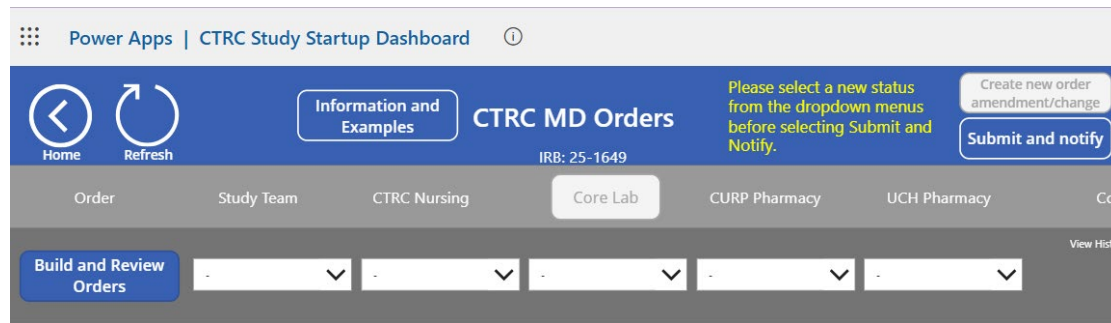
A screenshot of a Power Apps dashboard titled "CTRC Study Startup Dashboard". The interface features a blue header bar with a "Home" button (left arrow icon), a "Refresh" button (circular arrow icon), and a "CTRC MD Orders" title. Below the header, there are several tabs: "Order", "Study Team", "CTRC Nursing", "Core Lab" (which is currently selected), "CURP Pharmacy", and "UCH Pharmacy". A "Build and Review Orders" button is located on the left. On the right, there is a "Submit and notify" button and a "Create new order amendment/change" button. A yellow warning message reads: "Please select a new status from the dropdown menus before selecting Submit and Notify." Below the tabs, there are five dropdown menus, each with a downward arrow icon. The IRB number "IRB: 25-1649" is displayed in the center of the dashboard.

CTRC IMPACT

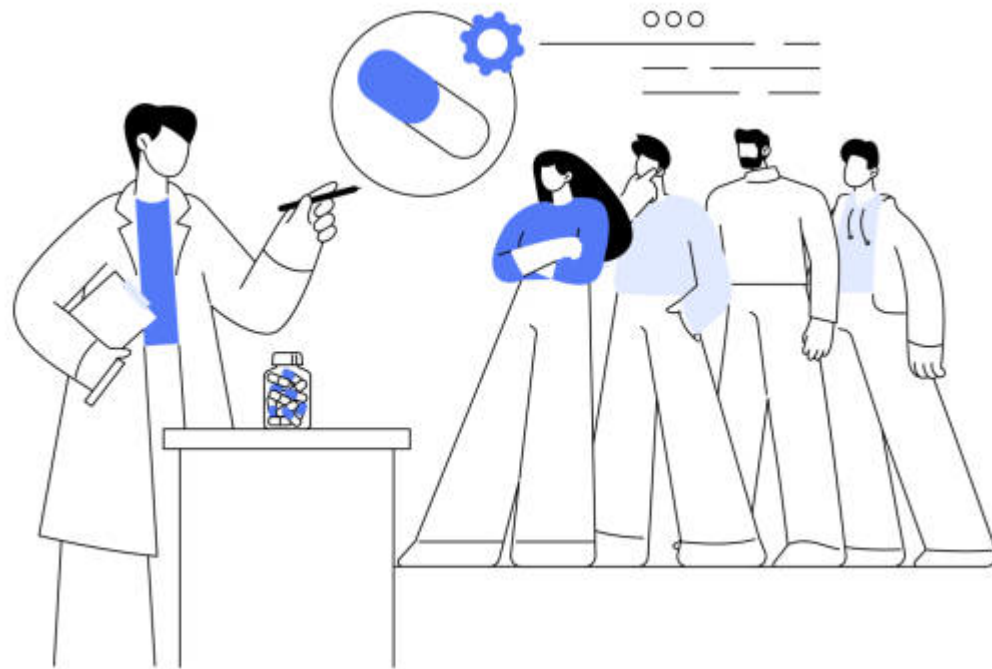
CTRC Scheduler Updates					
20-1619	AHSB Day 57, Day 209, Day 394 and Day 759	Exam Room 6 (6033)	10/25/2022 11:00 AM	Checked in	FA
19-1985	Baseline 1 (w/CTRC APP /NO EBL)	Exercise Testing Room (6016)	10/25/2022 9:00 AM	Checked out	BL
19-1985	Baseline 1 (w/CTRC APP /NO EBL)	Exam Room 9 - Negative Flow (6039)	10/25/2022 8:30 AM	Checked out	BL
20-1204	Baseline (Prodromal) NO CTRC APP	Procedure Room 12 (6024)	10/25/2022 11:00 AM	Checked in	JI
18-0220	Screening 2 Study Staff	DXA	10/25/2022 10:00 AM	Checked in	LC
21-2564	Phase 2: Screening w/ ECHO	Exam Room 7 (6035)	10/25/2022 9:45 AM	Scheduled	SG



38% for complex visits



53% for MD order creation



168 from 2018-2021

570 since 2022

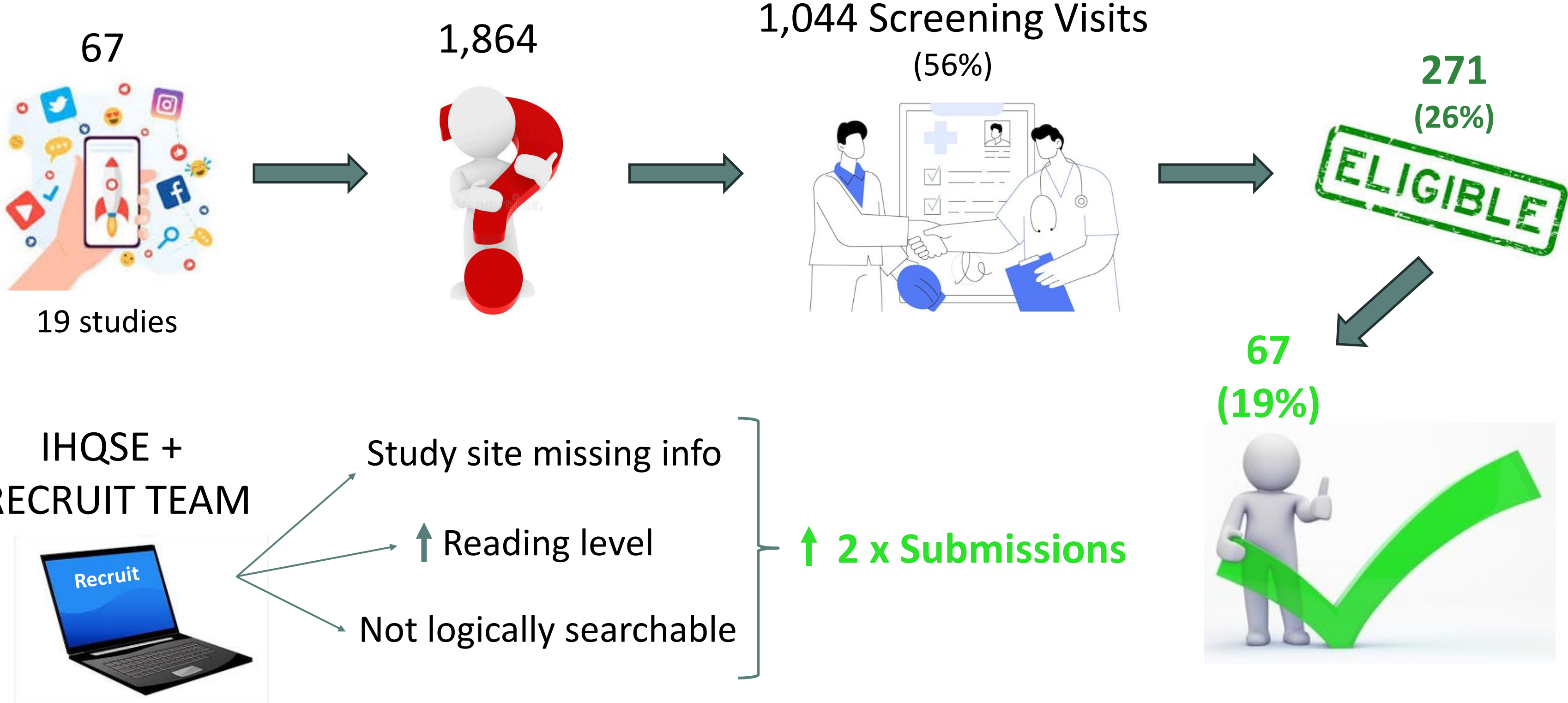


7 Phase 1&2

4 Phase 3

Total 2018-2021 = 210

CLINICAL RESEARCH RECRUITMENT TEAM IMPACT 2025





IMPACT: Deliver more treatments to all people more quickly

- Approach synergistically using multi-disciplinary teams
- Assessment followed by broad stakeholder engagement
- Create and iterate
- Measure outcomes that display impact



Questions?

