Clinical Data Research Hub

Welcome to the **Clinical Data Research Hub (CDRH)**, a coordinating centre for clinical research, hosted by the Liggins Institute and supporting the ON TRACK Network. In collaboration with the Department of Obstetrics and Gynecology, and Department of Paediatrics: Child and Youth Health, University of Auckland.

We provide a comprehensive range of data management services for randomised trials and clinical studies, including online databases, custom randomisation, drug distributution and web dashboards for study monitoring. Our systems will help you streamline setting up and running your trial.

Contact: researchhub@auckland.ac.nz **+64221885920**

Randomisation and databases: www.ligginstrials.org

Clinical Data Research Hub (CDRH)

CDRH Guides

- Planning a Trial
- Clinical Trial Terminology
- Study Protocol
- Ethics
- Trial Committees
- Authorship
- Data Sharing
- Mori Responsiveness
- Standard Operating Procedures

Randomisation

- CDRH Randomisation Site
- CDRH Study Numbers
- Randomisation Plans

Data Management

- REDCap FMHS
- REDCap Liggins
- REDCap Resources
- Variable Naming Convention
- Study Reports

Analysis

- Normal Distribution Calculator
- OpenEpi - Open Source Statistics
- Medcalc Calculators
- Diagnostic Test Calculator
- Agreement Statistics Calculator
- SAS Guides
- New Zealand Index of Deprivation
- Trial Analysis
- Data Cleaning

Follow-up

- Bayley Scales Age Calculator
- NZ Travel Calculator
- Definitions for Follow-up Studies
- Middlemore Parking and Clinic Bookings
- Middlemore Neonatal Research Parking Instructions
- WHO Child Growth Standards (0-5 years)

Consensus Statements and Checklists

- EMA Guidance for COVID-19 Pandemic
- Equator Network
- INQUIRE Framework for Evaluating Research Quality

Protocols

- SPIRIT 2013 Statement
- SPIRIT 2013 Explanation and Elaboration
- ACTA 2019 Implementability

Outcomes

- COMET - Core Outcome Measures in Effectiveness Trials
- COS - Prevention of Preterm Birth
- Neonatal Infection Case Definition (Brighton Collaboration)

Reporting

- CONSORT 2010 - Reporting Parallel Group RCTs
- CONSORT 2010 - Extension to Cluster RCTs
- CONSORT 2010 - Extension to Noninferiority / Equivalence RCTs
- StRONNG Checklist - Reporting of Neonatal Nutrition and Growth
- STROBE Statement - Reporting Observational Studies
- STROBE Statement - Explanation & Elaboration
- STARD 2015 - Diagnostic Accuracy Studies
- TIDieR Checklist - Reporting of Interventions
- Very Preterm Birth Studies (Pediatrics 2016)

Analysis

- Guidelines for the Content of Statistical Analysis Plans (JAMA 2017)

Data & Safety Monitoring

Laboratory

- Liggins Institute Analytical Capabilities

Training

- NIH Protecting Human Subjects certificate
- NIH GCP course
- ROCHE GCP course (runs best in Firefox)
- Cultural Competency
- Infection control
- Definition of Research and Audit
- Classification of Observational Studies
- Standford Medical Statistics Certificate

Key Links

ANZ

- Australia & New Zealand Clinical Trials Register (ANZCTR)
- Health and Disability Ethics Committees NZ (HDEC)
- Health Research Council NZ (HRC)
- IMPACT Clinical Trials Network
- MedSafe NZ
- Neonatal Unit Contacts NZ
- Online Forms NZ (HDEC / SCOTT)
- DHB Research Contacts
- Therapeutic Goods Agency (TGA) Australia
- Kidz First Neonatal Research
- Cure Kids Portal
- Ministry of Health NZ
- ACC Act 2001: Clinical Trials
- NEAC Ethical Standards 2019
- Report on Maternity Web Tool

International

- Cochrane Neonatal
- Cochrane Pregnancy
- Cochrane Childhealth
- Global Obstetrics Network (GoNET)
- ICH GCP
- NIH Clinical Research Toolkit
- PROSPERO

- WHO Growth Reference 2007 (5-19 years)
- AAP Pediatric BP Calculator
- LifePATH Follow-up Studies
- Bayley 4

CDRH Admin

- Redmine
- University of Auckland Staff Intranet
- Space statistics
- LiFePATH Admin
- CDRH Randomisation Demo (code :991000tst)
- CDRH Data Environment

- DAMOCLES - Charter for Clinical Trial Data Monitoring Committees
- ERCIN 2011 - Standards Requirements for GCP-Compliant Data Management in Multinational Clinical Trials
- NAESS 2019 - Neonatal Adverse Event Severity Scale (INC)

Synthesis & Translation

- PRISMA-P 2015 - Preferred Reporting for Systematic Review and Meta-analysis Protocols
- PRISMA 2009 - Preferred Reporting Items for Systematic Reviews and Meta-analyses
- PRISMA-IPD 2015 - Preferred Reporting Items for a Systematic Review and Meta-analysis of Individual Participant Data
- PRISMA Extension 2015 - Network Meta-analyses
- PRISMA-C Extension 2016 - Systematic Reviews and Meta-analyses of Newborn and Child Health Research
- PRISMA-DTA - Preferred Reporting Items for a Systematic Review and Meta-analysis of Diagnostic Test Accuracy Studies
- MOOSE - Reporting of Meta-analysis of Observational Studies in Epidemiology
- GRADE - Grading Quality of Evidence and Strength of Recommendations
- GRADE - Non-Randomised Studies
- GRADE Handbook
- Cochrane Handbook 2019 - Systematic Reviews of Interventions
- AGREE II - Assessing Quality and Reporting of Practice Guidelines
- PROSPERO Registration of Systematic Reviews - Checklist
- RoB2 - Cochrane Risk of Bias Tool for RCTs
- ROBINS-I - Risk of Bias In Non-randomized Studies of Interventions
- Risk of Bias Tool for Observational Studies
- Meta-analysis of Animal Studies
- Median to Mean Calculator
- WHO Guideline to Rapid Reviews

- Trial Forge UK
- Trial Managers Network
- NLM Journal Database