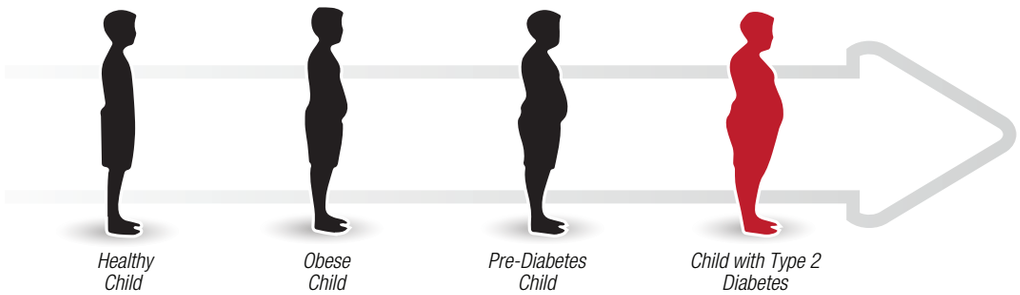
Comprehensive Phenotyping Process

Schematic Overview - Dream 2016

Developmental Origins of Obesity

We will unite 4 cohorts of children that span a broad spectrum of gestational exposures (from maternal obesity, GDM, pre-existing T2D) and cardio-metabolic risk in children (healthy, obese, T2D). Key clinical data and biological samples have been collected across all cohorts.



Comprehensive Phenotyping of Complications and their Biological Determinants in Cohorts of **Youth with T2D** and the **Birth Cohort of Mothers with T2D**

Epidemiological Evidence for Risk Factors for Complications

Gene-Environment Interactions

Creation of **Animal Models** – Identification of Mechanisms underlying Epidemiological Associations

Novel targets for **Future Interventions**

New Theories to Guide Follow-Up **Studies and Clinical Intervention**

New Evidence to Guide **Clinical Decision Making**