

Risk prediction to support shared decision-making for managing heart disease

Phase 1: 2016-17

Two qualitative studies to understand the experiences of patients with CKD who have recently made decisions about heart tests and treatments following a heart attack and to identify the decision support needs of patients and healthcare providers in this setting.

Characterization of patient & health care provider experiences

Identification of decision attributes

Phase 2: 2018-21

Explore attributes of treatment decision making that are important to patients and measure the value they place on them. Development and validation of risk prediction models for important clinical outcomes identified by patients and care providers. Measurement of patient treatment preference & values

Personalized risk prediction models

Phase 3: 2021-22

Incorporation of risk information and strategies to identify patient preferences within a decision-aid. This will be followed by testing of the decision-aid with patients and care providers.

Development of a decision aid

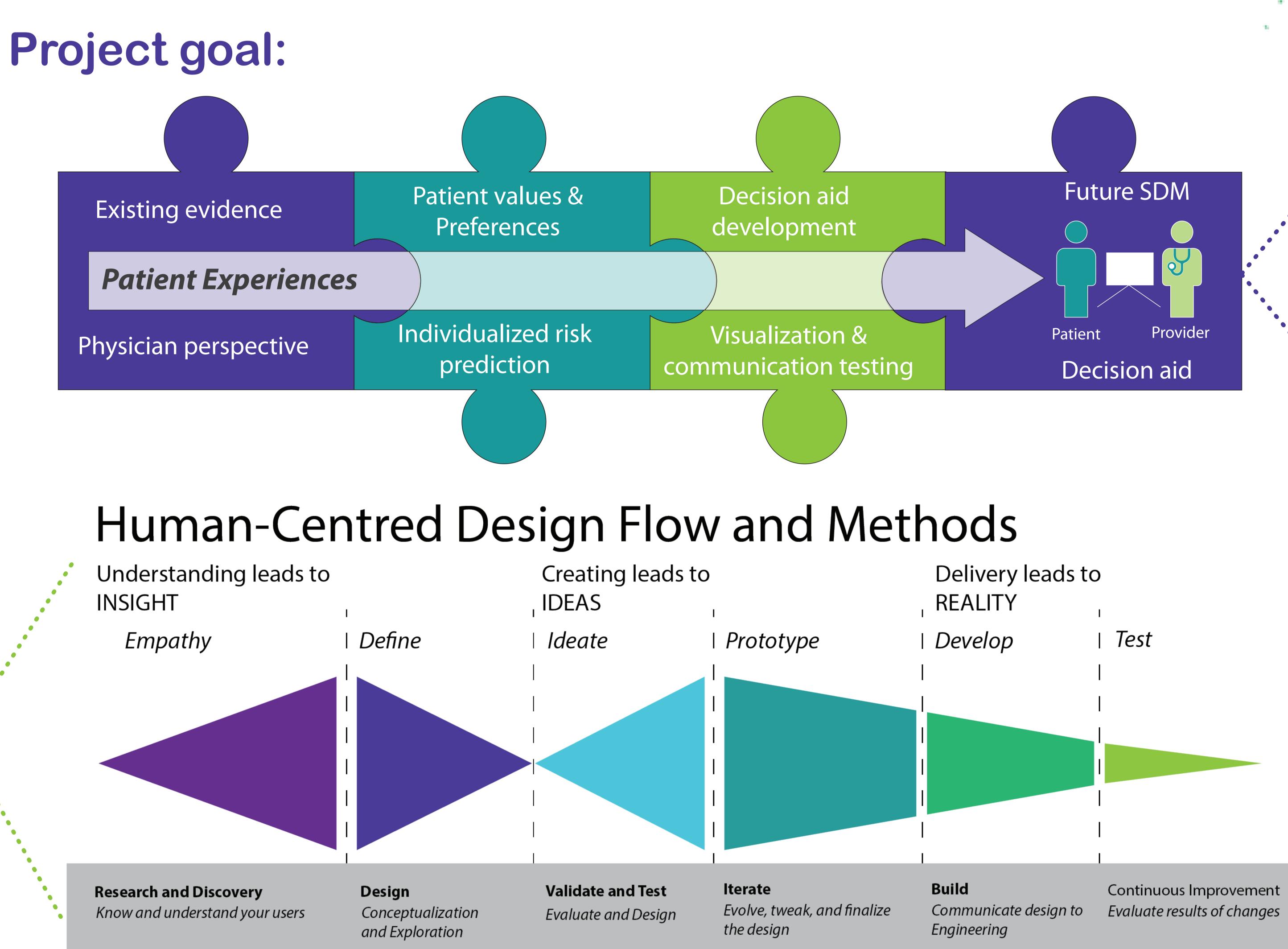
Testing of a decision aid in practice

For more information visit: www.cansolveckd.ca/research/theme-1/approach

Background:

eart disease is common in people with chronic kidney disease (CKD), and leads to hospitalization and shortened survival.

Decople with CKD are less likely to receive tests and treatments for their heart disease than those without CKD.



e will develop tools that can help doctors share personalized information on the benefits versus risks of having a heart procedure.







Shared

Tools, for personalized information

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Bidirectional information exchange

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Oecision Making Patient values and preferences