Caring Futures Institute

Creating better lives through research

PATIENT NAVIGATION IN CANCER CARE

Professor Raymond Chan

Deputy Vice-Chancellor (Research)

Matthew Flinders Professor of Cancer Care, Systems and Policy

Flinders University

Flinders UNIVERSITY

Caring Futures Institute

WE ARE ON KAURNA LAND

Flinders University acknowledges the Traditional Owners and Custodians of the lands on which its campuses are located, these are the Traditional Lands of the Arrernte, Dagoman, First Nations of the South East, First Peoples of the River Murray & Mallee region, Jawoyn, Kaurna, Larrakia, Ngadjuri, Ngarrindjeri, Ramindjeri, Warumungu, Wardaman and Yolngu people. We honour their Elders past, present and emerging.

Today, over **400 ABORIGINAL AND TORRES STRAIT ISLANDER STUDENTS** are enrolled in courses at Flinders University.

Flinders University

CONFLICTS OF INTEREST

Relevant to the presentation

- **Australian Government:**
  - Cancer Australia – Advisor, Clinical Policy Advice Branch
  - Medical Research Future Fund – Research Grants
  - National Health and Medical Research Council – Salary and Research Grants
- **Flinders University:**
  - McGrath Foundation – Commissioned research
  - Novartis and Multinational Association for Supportive Care in Cancer (MASCC)– Commissioned Research (the GINO Project)

FLINDERS
CARING FUTURES INSTITUTE

MASCC
Multinational Association of Supportive Care in Cancer
WWW.MASCC.ORG

The GINO Project

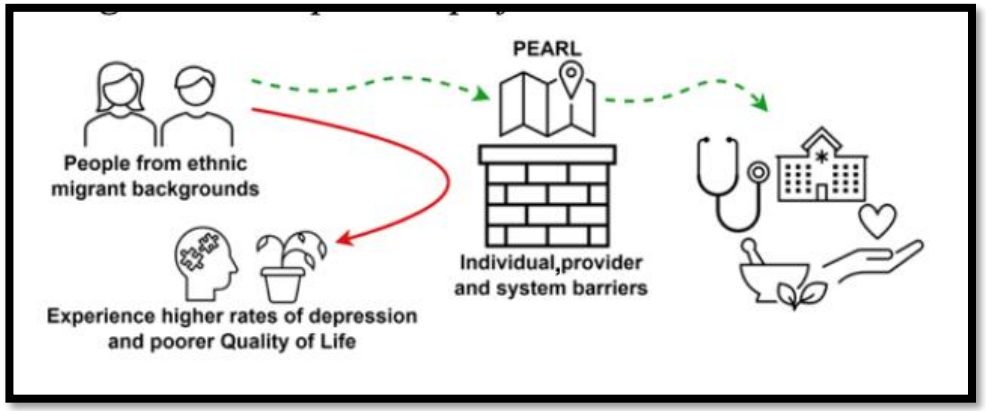
NOVARTIS PHARMACEUTICALS

REVIEW ARTICLE

Patient navigation across the cancer care continuum: An overview of systematic reviews and emerging literature

Raymond J. Chan RN, PhD | Vivienne E. Milch MBBS(Hons), MHPol | Fiona Crawford-Williams PhD | Oluwaseyifunmi Andi Agbejule BRadTherapy | Ria Joseph MNutrDiet | Jolyn Johal BND(Hons) | Narayanee Dick BSc(Hons) | Matthew P. Wallen PhD | Julie Ratcliffe PhD | Anupriya Agarwal MBBS | Larissa Nekhlyudov MD | Matthew Tieu PhD | Manaf Al-Momani BPharm | Scott Turnbull PhD | Rahul Sathiaraj MPH | Dorothy Keefe MBBS, MD | Nicolas H. Hart PhD

THE PEARL TRIAL



Government of South Australia

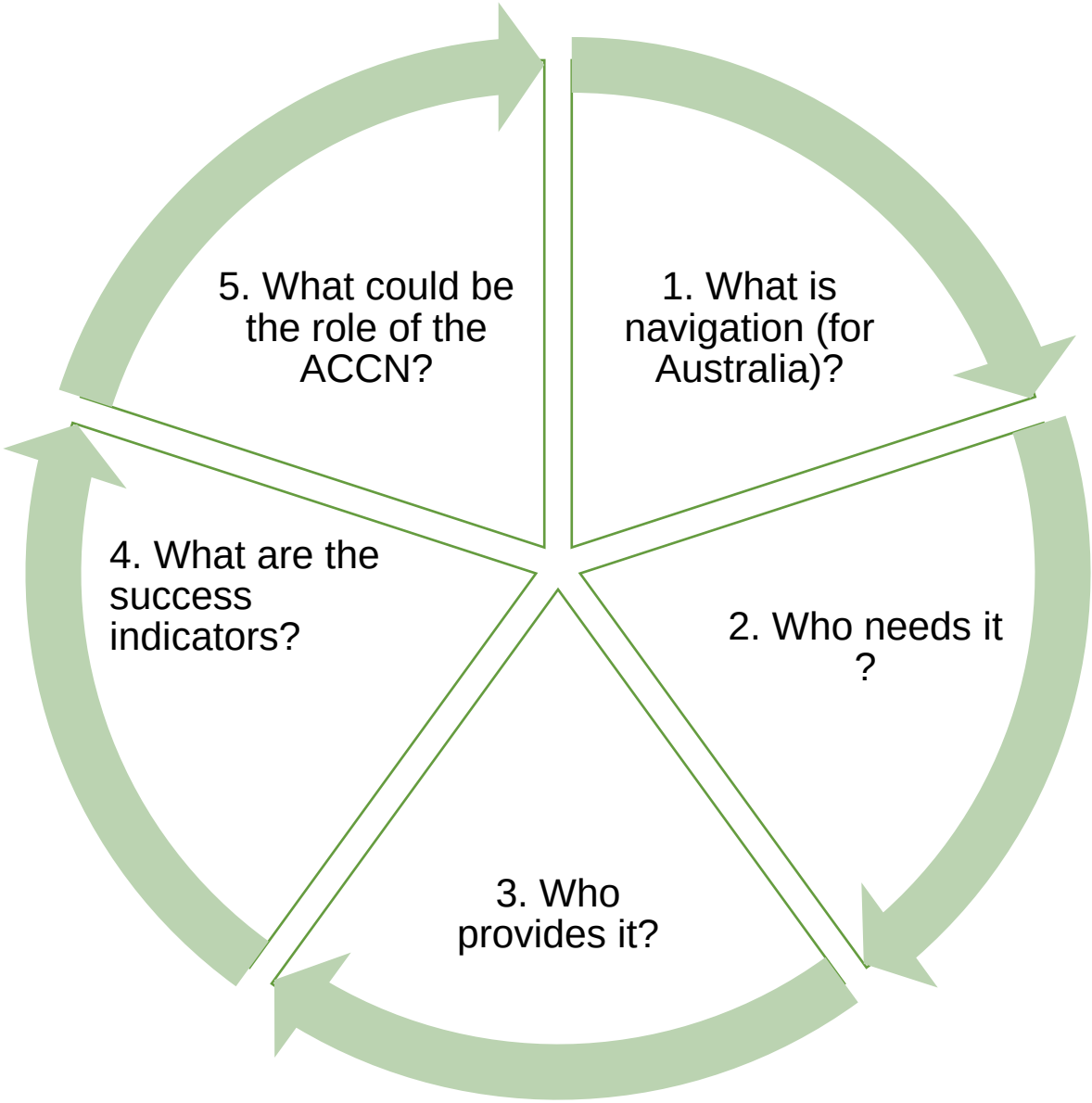
Commission on Excellence and Innovation in Health

SA CANCER PLAN

Flinders UNIVERSITY

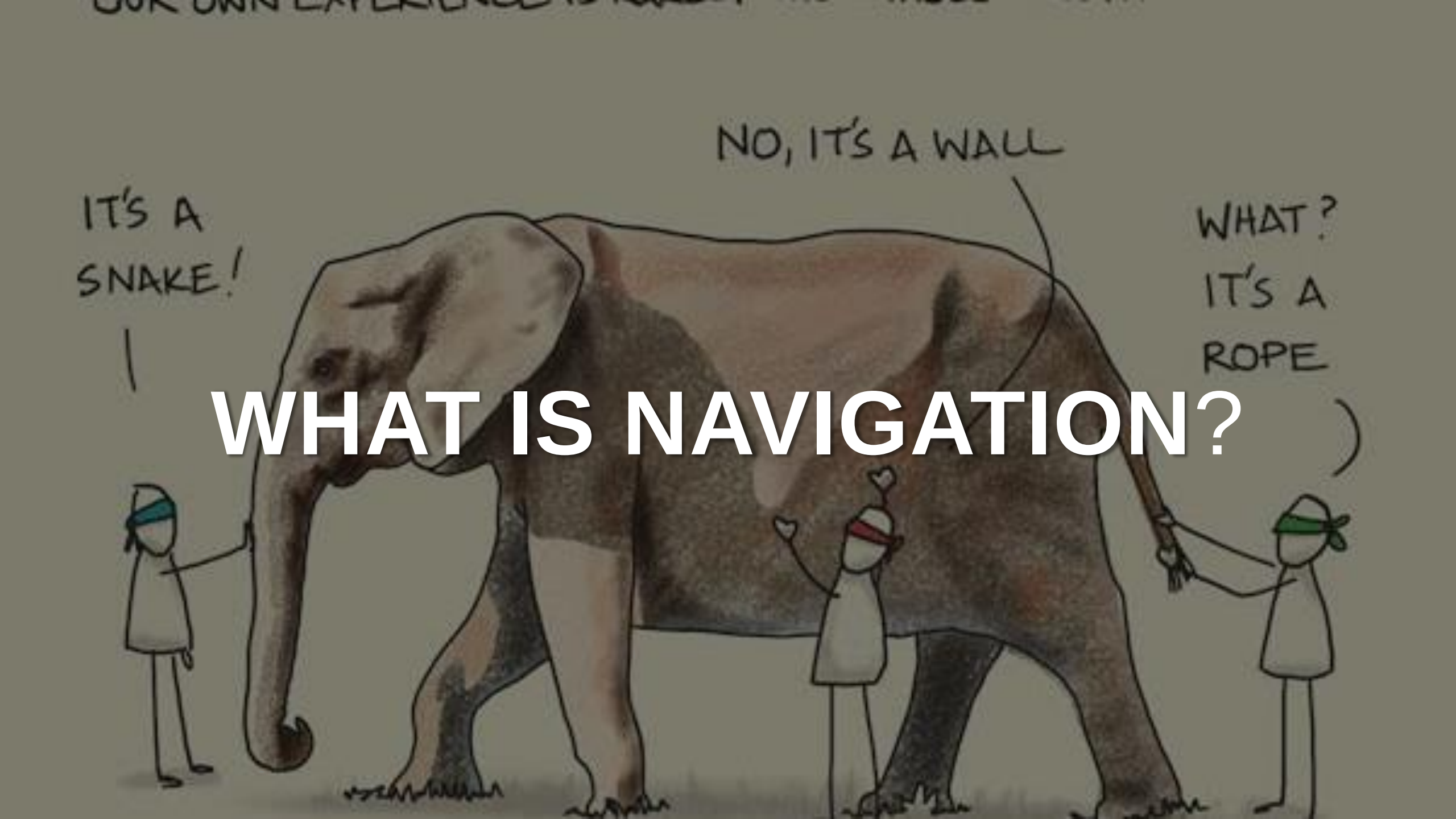
Caring Futures Institute

SOME KEY QUESTIONS FROM ME



Flinders UNIVERSITY

Caring Futures Institute



WHAT IS NAVIGATION?

WHAT IS NAVIGATION?

Patient navigation is…

- "an individualised, barrier-focused intervention that aims to facilitate timely access to health care services, diagnosis and treatment.
- It identifies and overcomes barriers to accessing care, and addresses disparities that lead to poorer cancer outcomes.
- Navigation occurs anywhere along the cancer care continuum and is delivered in a variety of modalities and settings."

Australian Cancer Plan; Chan et al 2023

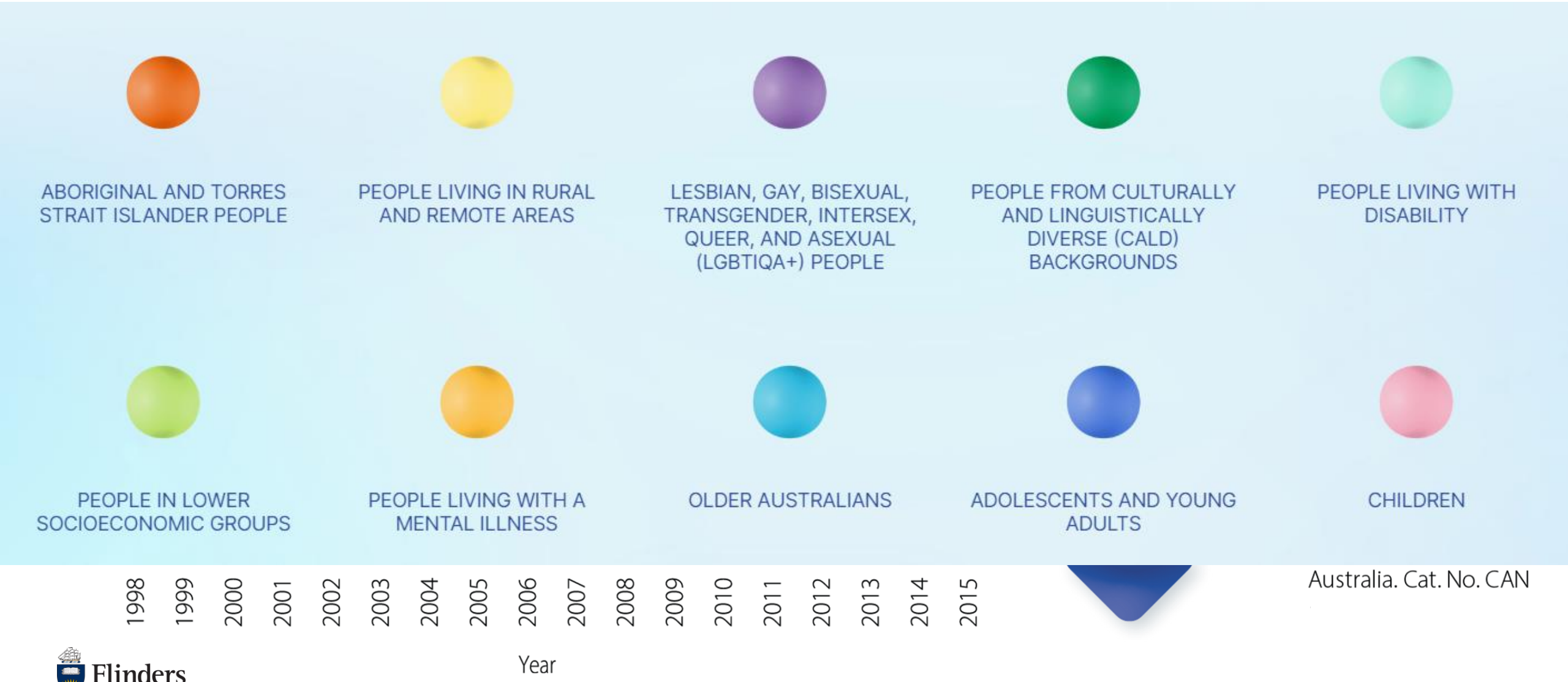
IT IS AN EVIDENCE-BASED INTERVENTION

Chan et al 2023

OUTCOME	RATING	COMMENTARY
EARLY DETECTION		
Cancer Screening Rates		Strong evidence that patient navigation improves rates o cancer screening.
DIAGNOSIS		
Diagnostic resolution		Strong evidence that patient navigation reduces the tim diagnosis.
TREATMENT		
Treatment Initiation		Some evidence that navigation reduces the time from diagnosis to initiation of primary treatment
Treatment Completion		Evidence on the impact of patient navigation on treatme completion is inconclusive.
Hospital Readmission		Strong evidence that patient navigation reduces hospita readmissions.
Enrolment & Adherence to Clinical Trials		Limited evidence that patient navigation improves clinical trial enrolment and adherence.
SURVIVORSHIP		
Adherence to Surveillance		Strong evidence that patient navigation increases adherence to surveillance appointments.
Decision-making and Treatment Knowledge		Strong evidence that navigation improves the decision-making and treatment knowledge of cancer survivors.
Return to work		Evidence on the impact of patient navigation on return t work is inconclusive.
Communication		Limited evidence that patient navigation improves communication.
Fatigue		Limited evidence that patient navigation reduces cancer related fatigue.
Patient Satisfaction		Strong evidence that patient navigation improves patier satisfaction with care.
Quality of Life		Strong evidence that patient navigation improves cance survivor QOL.
Emotional Distress		Evidence on the impact of patient navigation on emotio distress is inconclusive.

Legend = Evidence of strong effectiveness; = Evidence of some effectiveness; = Evidence not conclusive; = Limited evidence

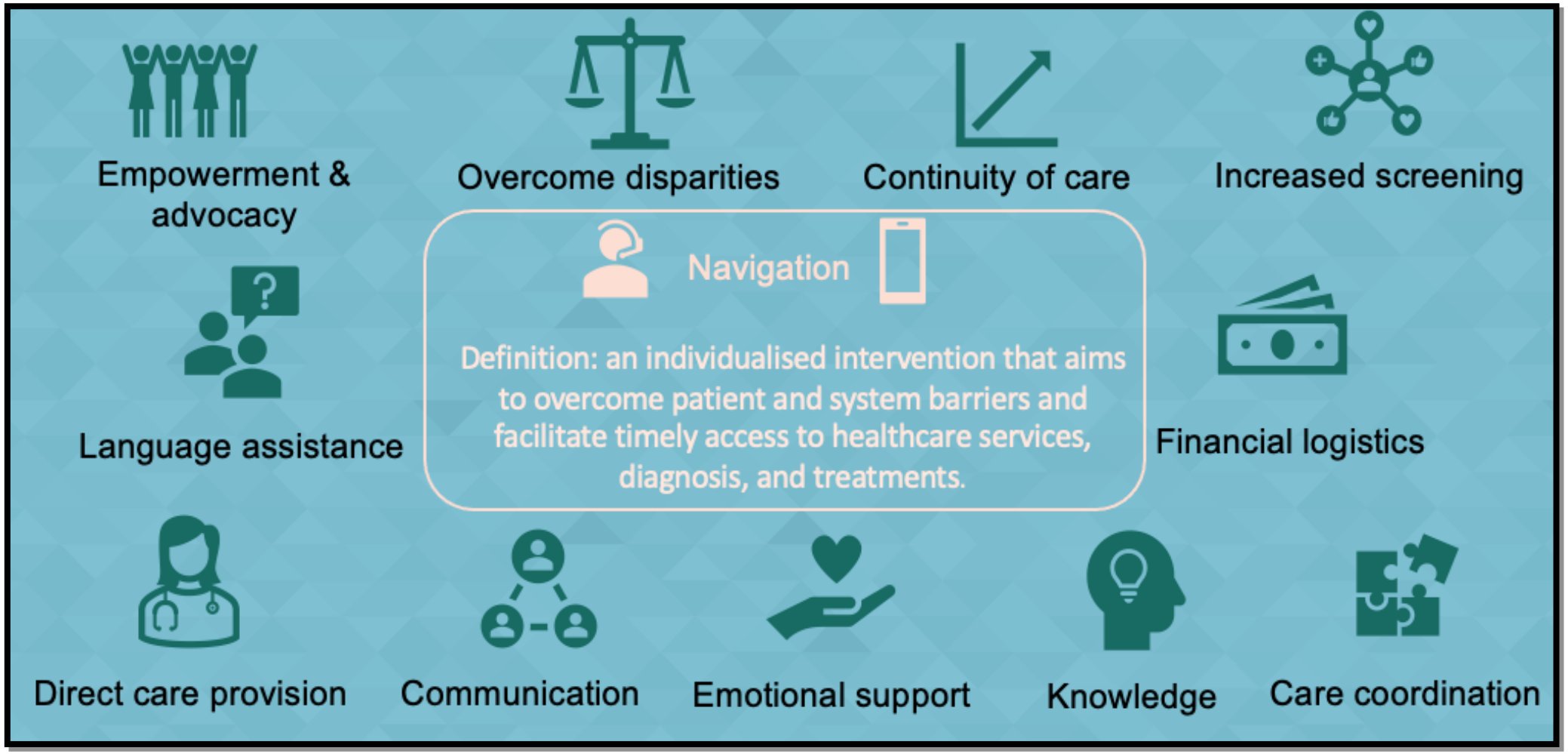
Figure 3: Age-standardised mortality rate, all cancers combined, Indigenous Australians and non-Indigenous Australians, 1998 to 2015



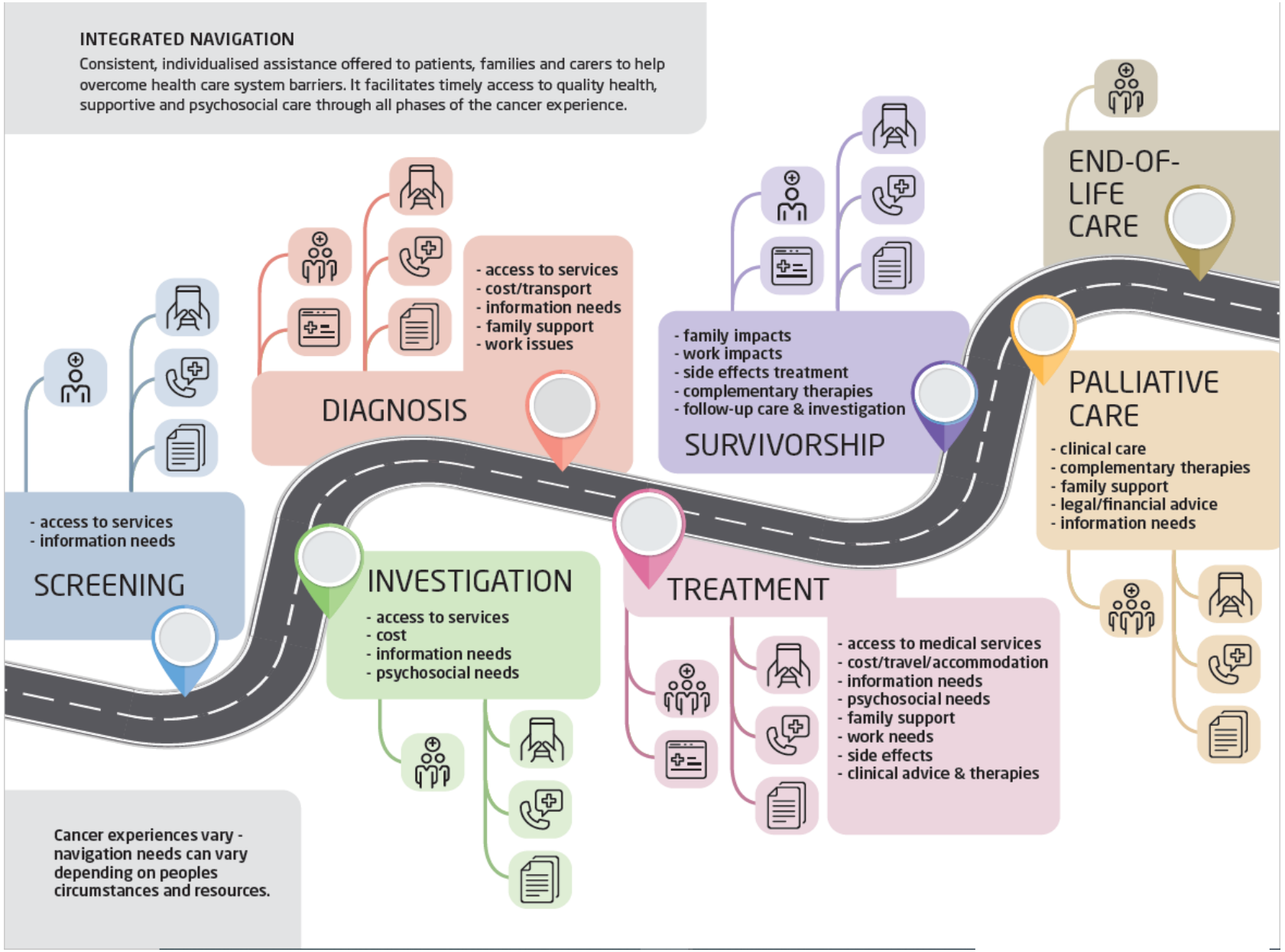
Australia. Cat. No. CAN

Flinders UNIVERSITY

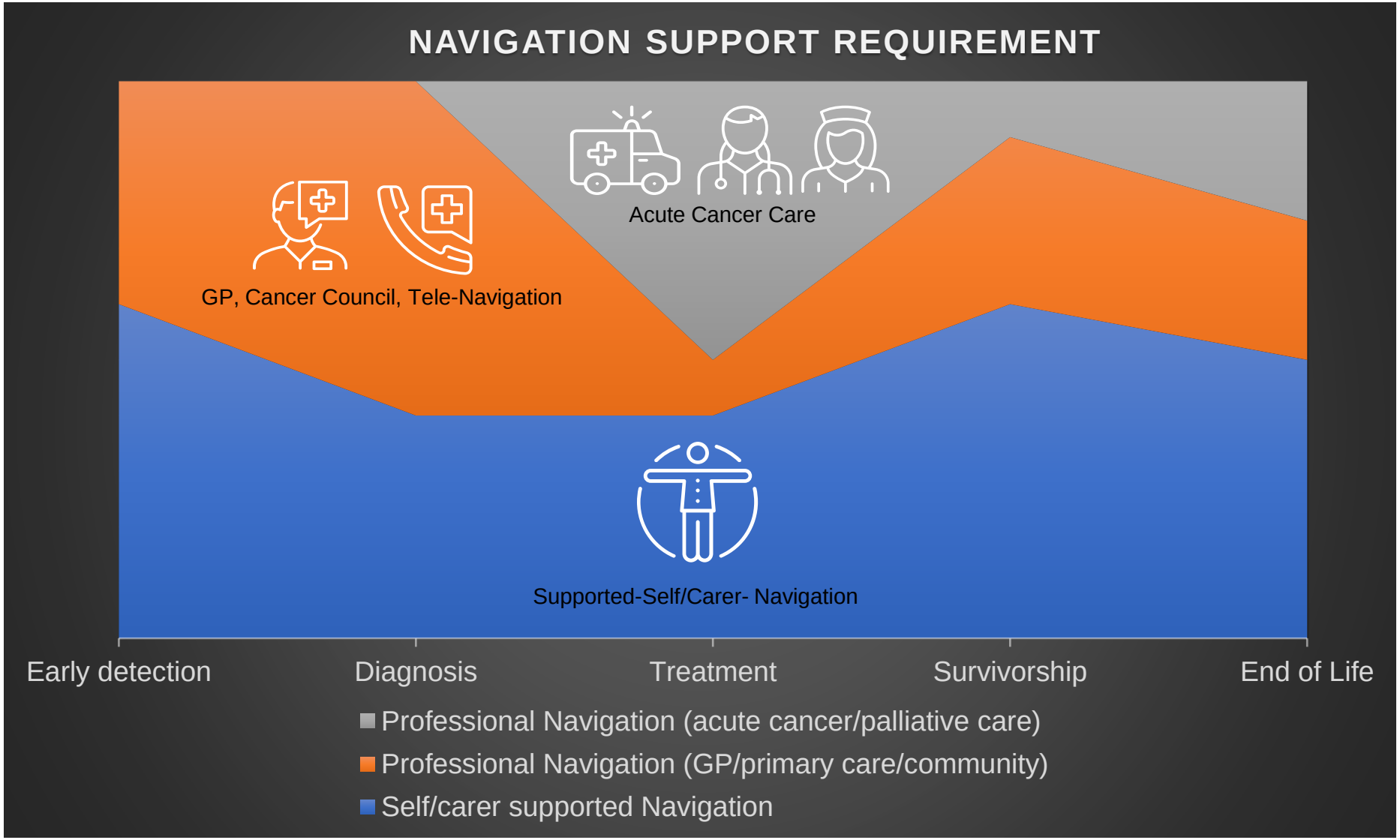
WHAT ARE THE ACTIVE INGREDIENTS OF PATIENT NAVIGATION?

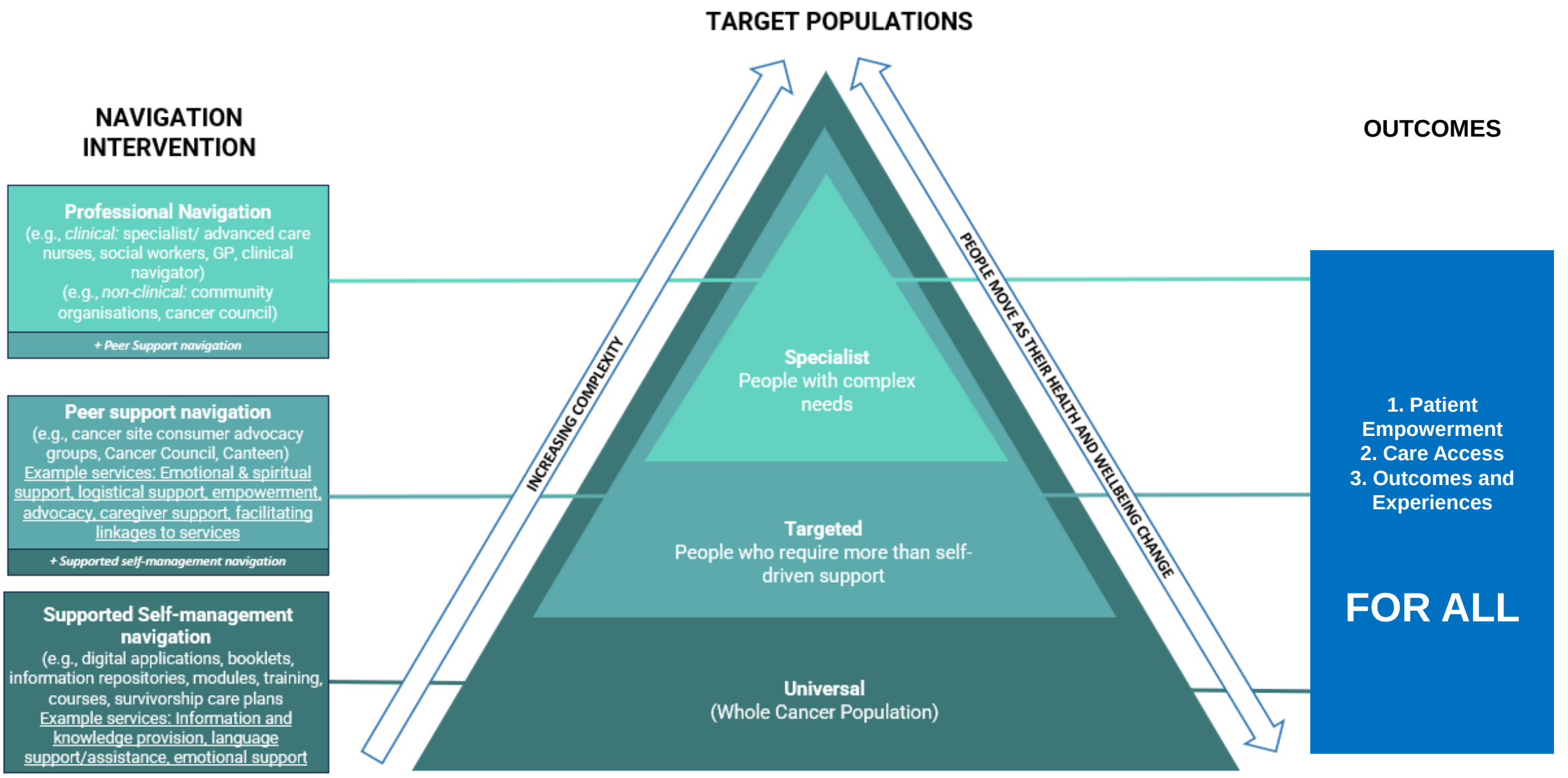


WHEN IS NAVIGATION REQUIRED?



WHAT MIGHT TEAM NAVIGATION LOOK LIKE?



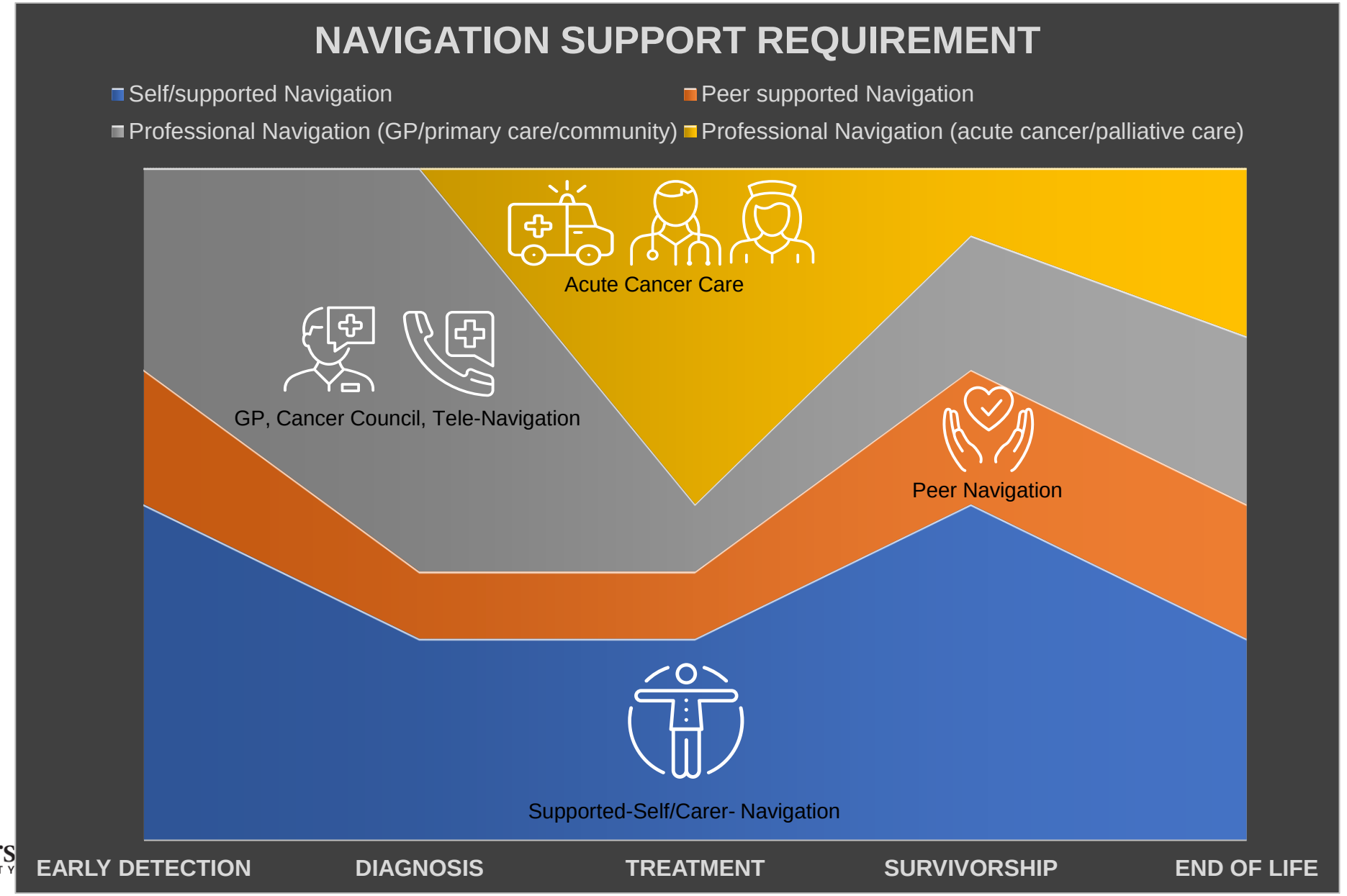


DRAFT FLINDERS MODEL FOR CANCER NAVIGATION

Flinders UNIVERSITY

Caring Futures Institute

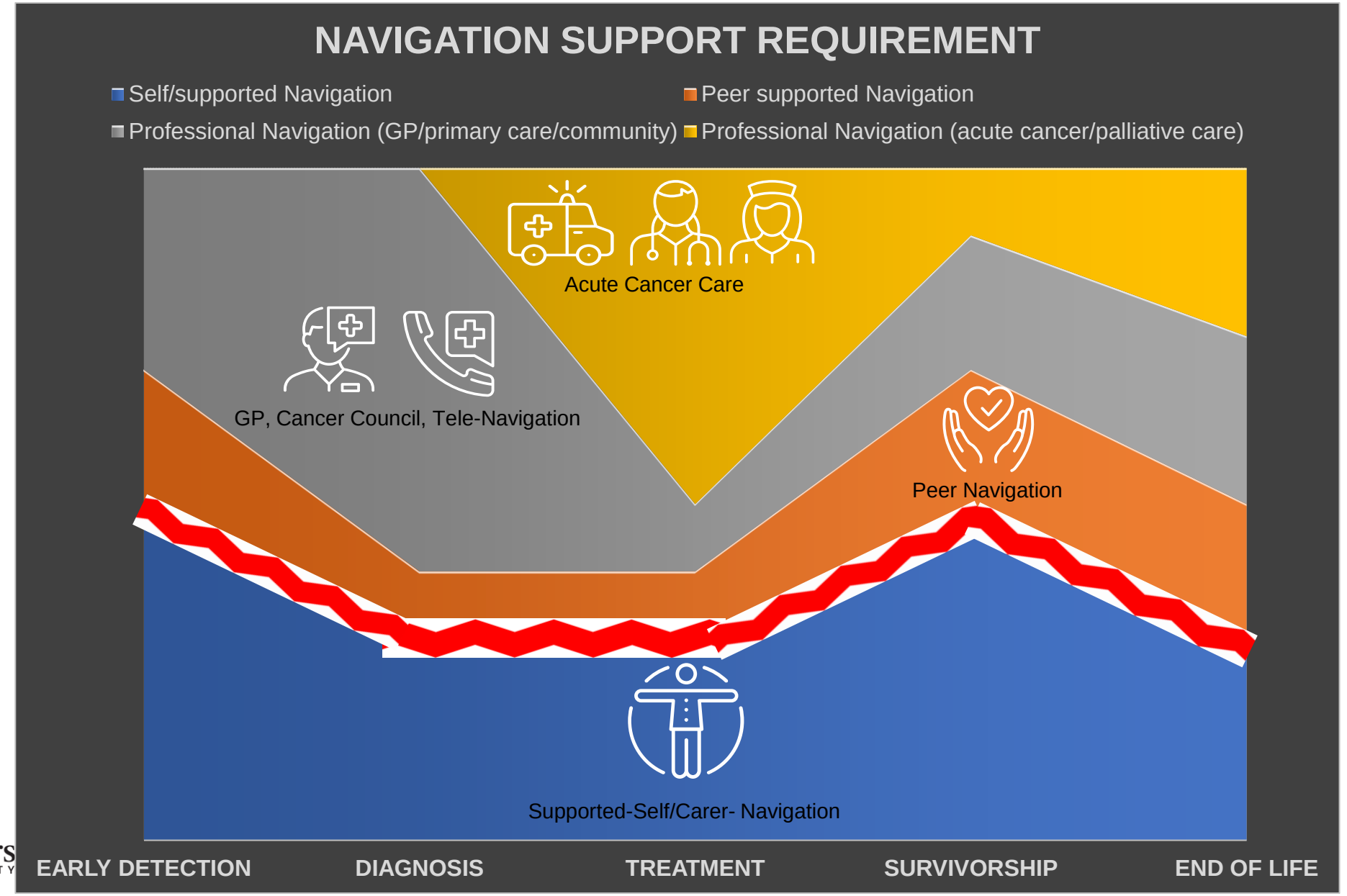
WHAT MIGHT TEAM NAVIGATION LOOK LIKE?



Flinders UNIVERSITY

Caring Futures Institute

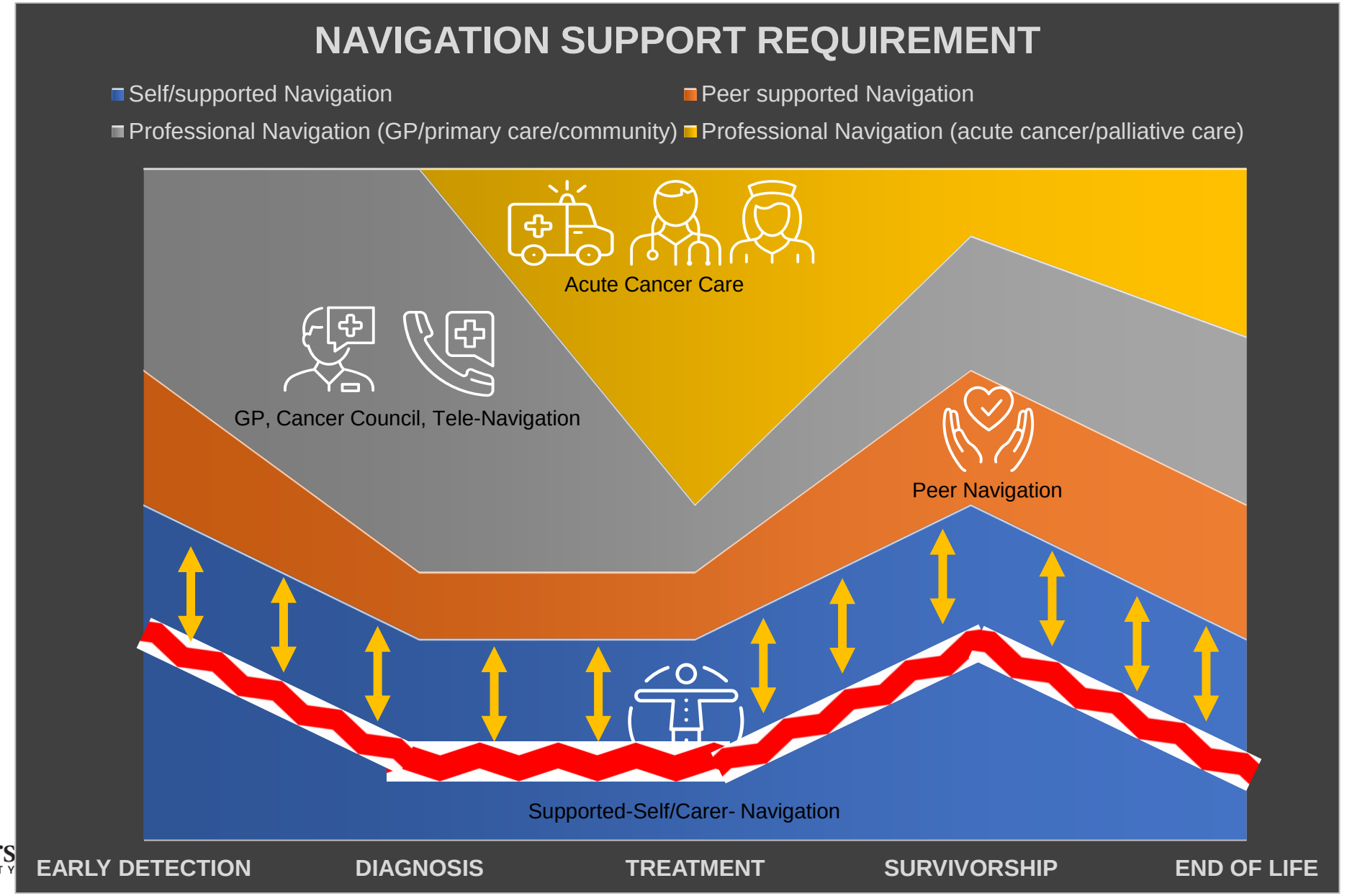
WHAT MIGHT TEAM NAVIGATION LOOK LIKE?



Flinders UNIVERSITY

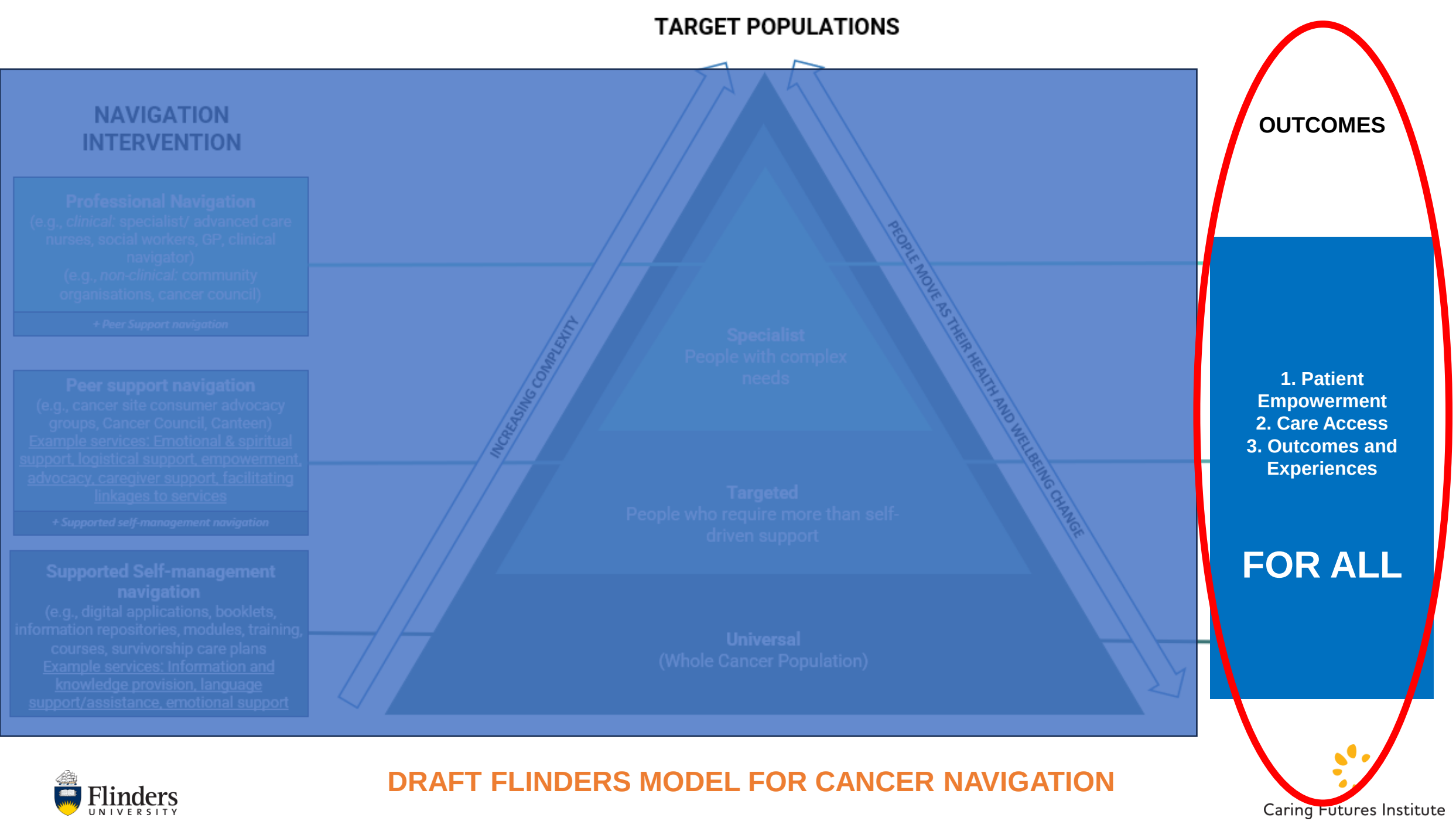
Caring Futures Institute

WHAT MIGHT TEAM NAVIGATION LOOK LIKE?



Flinders UNIVERSITY

Caring Futures Institute



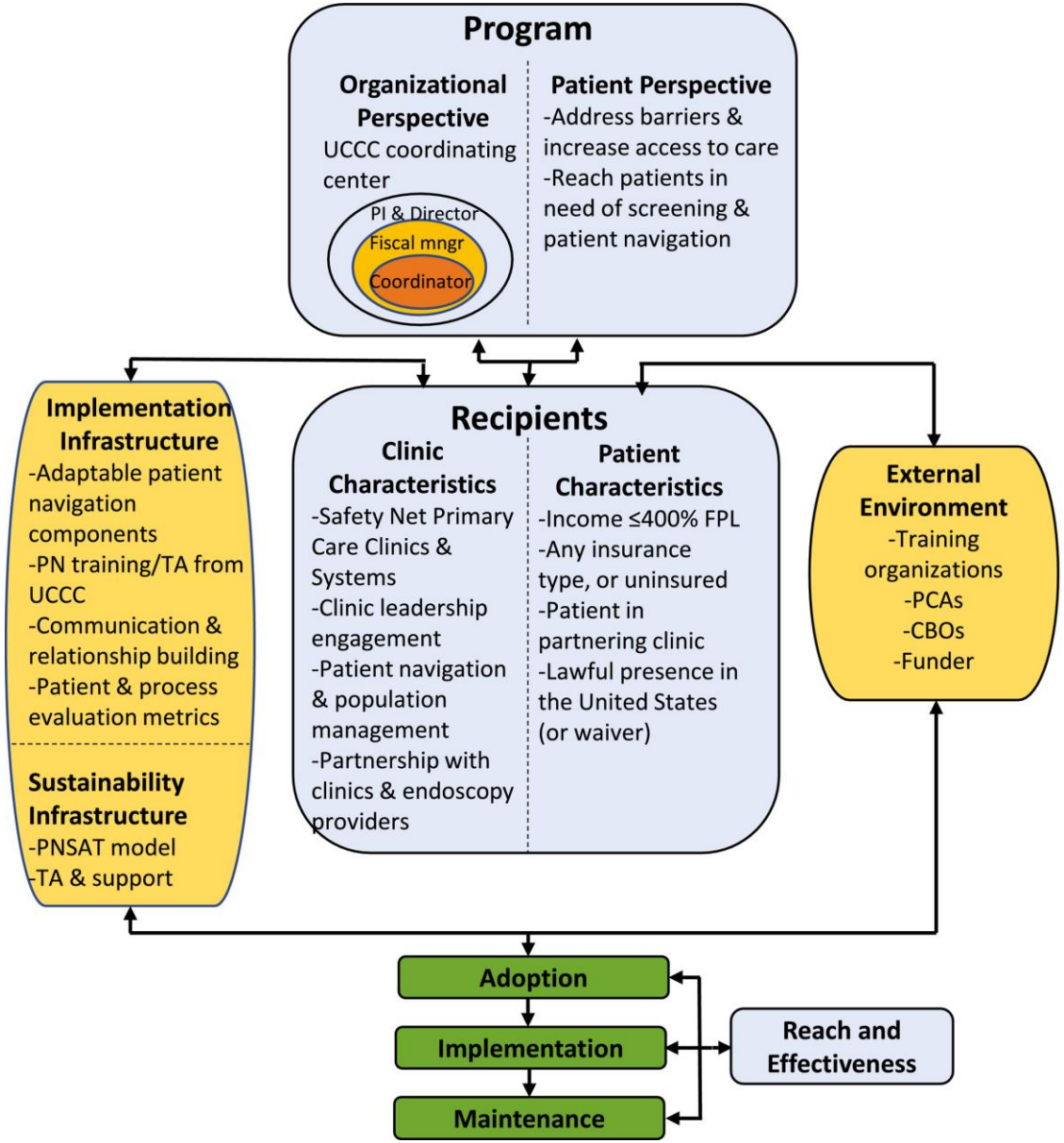
DRAFT FLINDERS MODEL FOR CANCER NAVIGATION

Flinders UNIVERSITY

Caring Futures Institute

WE MUST CONSIDER IMPLEMENTATION CAREFULLY…

COLORADO CANCER SCREENING PROGRAM



Courtesy: Application of PRISM elements to the Colorado Cancer Screening Program

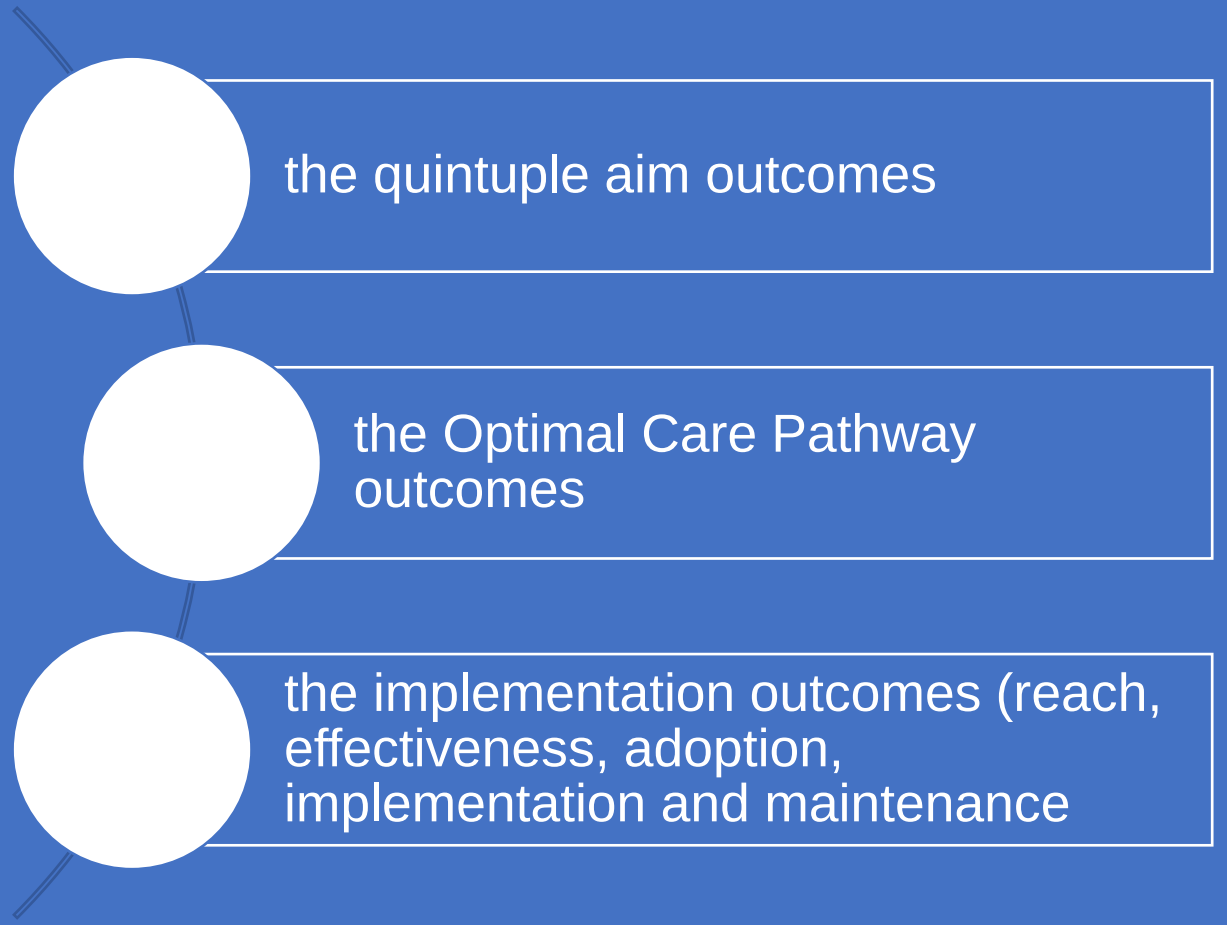
Flinders UNIVERSITY

Caring Futures Institute

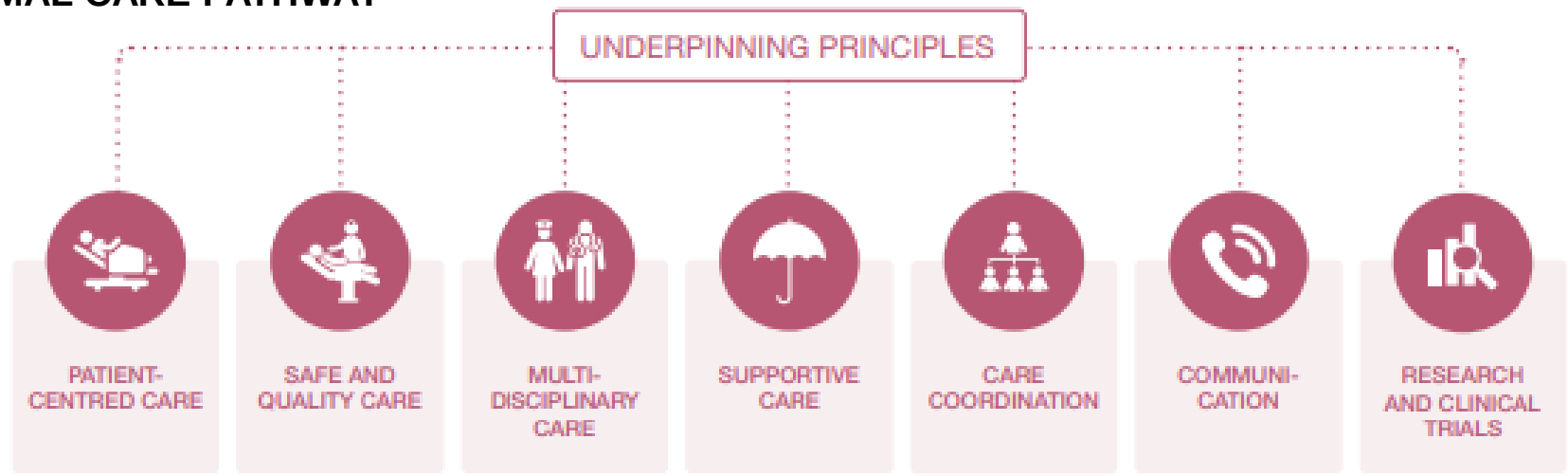
WHAT ARE THE SUCCESS INDICATORS?

1. A national patient experience survey

2. A data strategy



THE OPTIMAL CARE PATHWAY

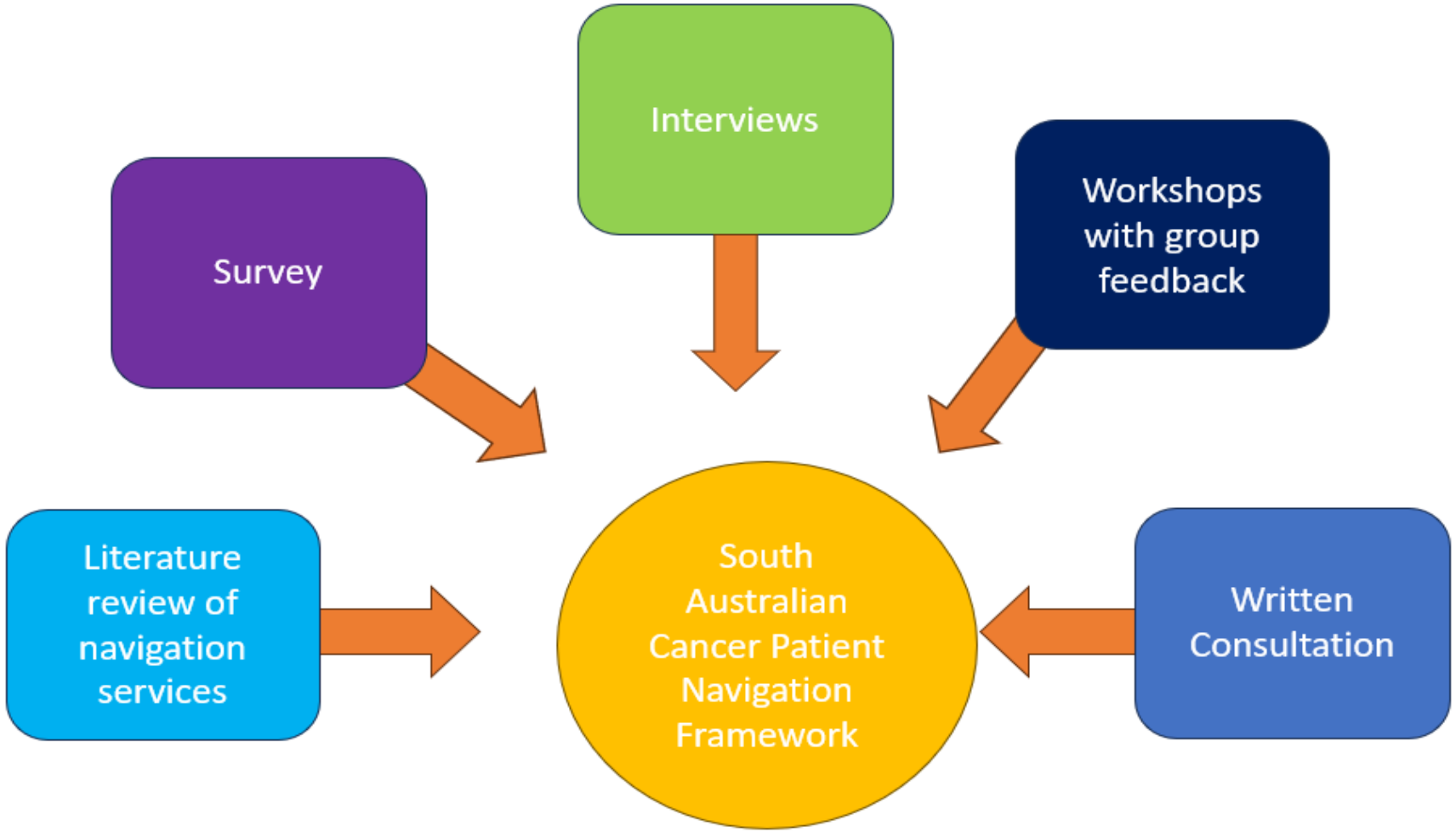


RE-AIM FRAMEWORK

Elements of the RE-AIM Framework

QUINTUPLE AIM

SA NAVIGATION FRAMEWORK/ IMPLEMENTATION PLAN…



Flinders UNIVERSITY

Government of South Australia
Commission on Excellence and Innovation in Health

Caring Futures Institute

GLOBAL INITIATIVE TO ADVANCE CANCER NAVIGATION FOR BETTER OUTCOMES (GINO)

Stage I | Stage II | Stage III

Stage I

- ✓Establishment of the **MASCC International Position Statement and Practice Framework for Patient Navigation in Cancer**.

Stage II

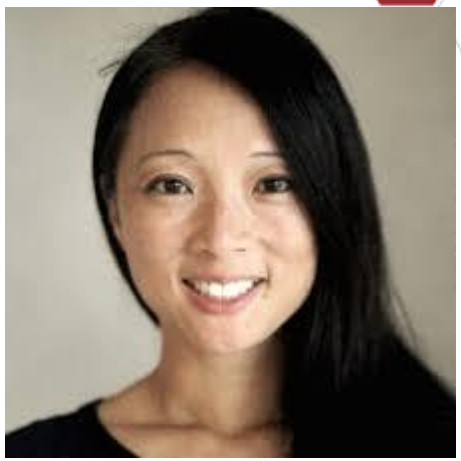
- ✓**Development of a Core Set of Quality and Efficiency Indicators for Patient Navigation Benchmarking**, and a report on the feasibility, acceptability and comparability of using the newly established core indicators in practice.

Stage III

- ✓**Setting up of a Global Community of Practice**, an online sharing platform, and a MASCC guide for local implementation considerations in navigation.
- .

WE NEED ONGOING RESEARCH!
THE PEARL STUDY

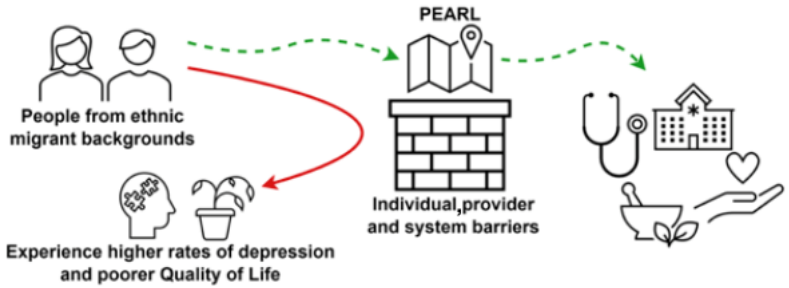
Medical Research Future Fund



Reduce barriers to care after the active treatment period

Ensure that people with cancer receive the care that they require, when, where and how they need it, regardless of cultural/linguistic background

Improve quality of life of people affected by cancer (people with cancer and their carers/families)



State	Community site	PHN	% (n) born in China/Vietnam	State average % born in China/Vietnam
QLD	World Wellness Group	Brisbane South PHN	• 3% (30K) born in China	1% China
	Inala Health	Brisbane South PHN	• 1.3% (16K) born in Vietnam; suburbs of Inala/Darra 19.4%/13.8% born in Vietnam	0.4% Vietnam
SA	Tong De	Adelaide PHN	• 3% (30K) born in China; Adelaide City 13.1% born in China	1.5% China
NSW	CanRevive	Went West (Western Sydney) PHN	• 5% (56K) born in China; suburb of Carlingford 17.8% born in China	3.1% China
	SWSLHD Multicultural Services	South Western Sydney PHN	• 6% (61K) born in Vietnam	1.1% Vietnam

Flinders University

NICM Health Research Institute

Caring Futures Institute

LE

Australian Comprehensive Cancer Network

No na

Lack

No cl

No consistent data collection

Lack of alignment with OCP

No implementation leadership

Sporadic investment

No Research/Data driven Improvement

Creating better lives through research

Prof Raymond Chan

RN, BNurs, MAppSci, PhD, FACN, FAAN

Deputy Vice Chancellor (Research)

Matthew Flinders Professor of Cancer Care, Systems and Policy

Flinders University

Raymond.Chan@flinders.edu.au