

A hand holding a glowing globe with a network overlay. The background is a gradient from dark blue at the top to orange at the bottom. A hand silhouette is at the bottom, holding a glowing blue and white globe. A network of white lines and nodes is overlaid on the globe and extends across the top of the image. A white rectangular box with a thin border contains the main title text.

LEARNING FROM THE PAST REINVIGORATING THE FUTURE

Dr Amie Steel, ND PhD

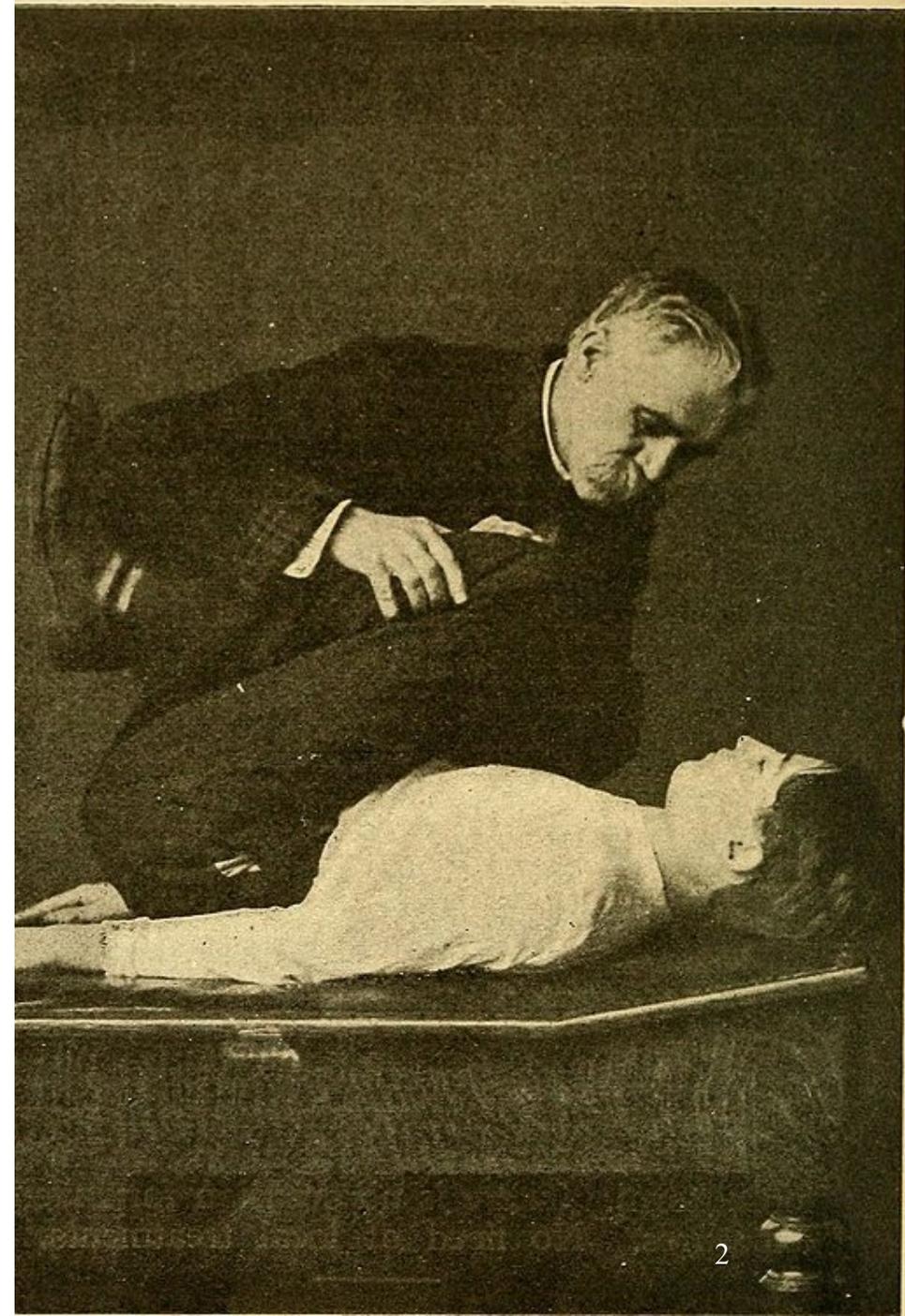
Senior Research Fellow

Australian Research Centre in Complementary and
Integrative Medicine, Faculty of Health, UTS

@naturopathamie

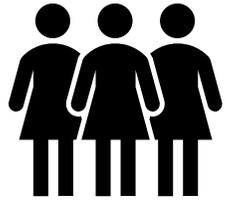
OSTEOPATHY

- A TRADITIONAL MEDICINE SYSTEM
- DEVELOPED THROUGH CLINICIAN OBSERVATION



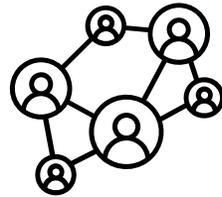
EVIDENCE- BASED MEDICINE

WHERE IS THE EVIDENCE?



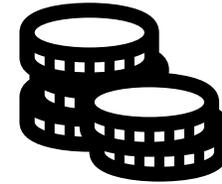
PEOPLE

A need for researchers that are interested in undertaking research about osteopathy and understand it.



INFRASTRUCTURE

A need for infrastructure that facilitates efficient conduct of large-scale, rigorous research.



FUNDING

A need for dedicated research funding for osteopathic research



INSTITUTIONS

A need for osteopathic academic institutions that supports and encourages research and researchers

THE RENAISSANCE OF KNOWLEDGE

IS

Implementation science

A critical method of supporting the implementation of researcher-generated knowledge into health care

KT

Knowledge translation

The process of converting researcher-generated knowledge into a format that is usable for non-researchers

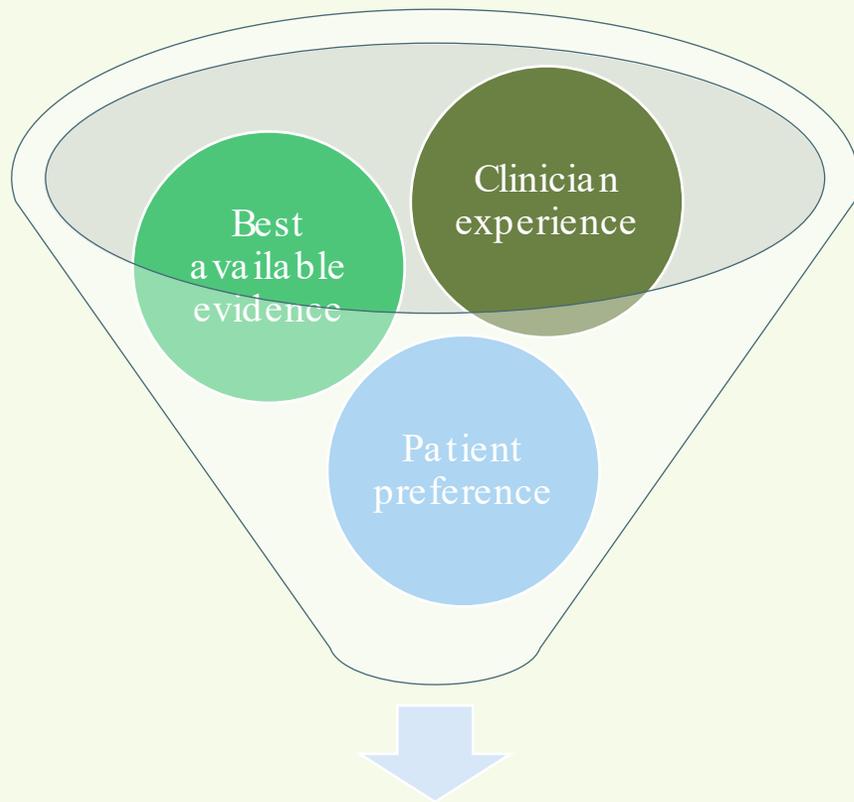
KMB

Knowledge mobilisation

The process of sharing knowledge generated through different sources with a variety of users.



EVIDENCE-BASED PRACTICE OF TRADITIONAL MEDICINE?



Evidence-based practice

BEST AVAILABLE EVIDENCE

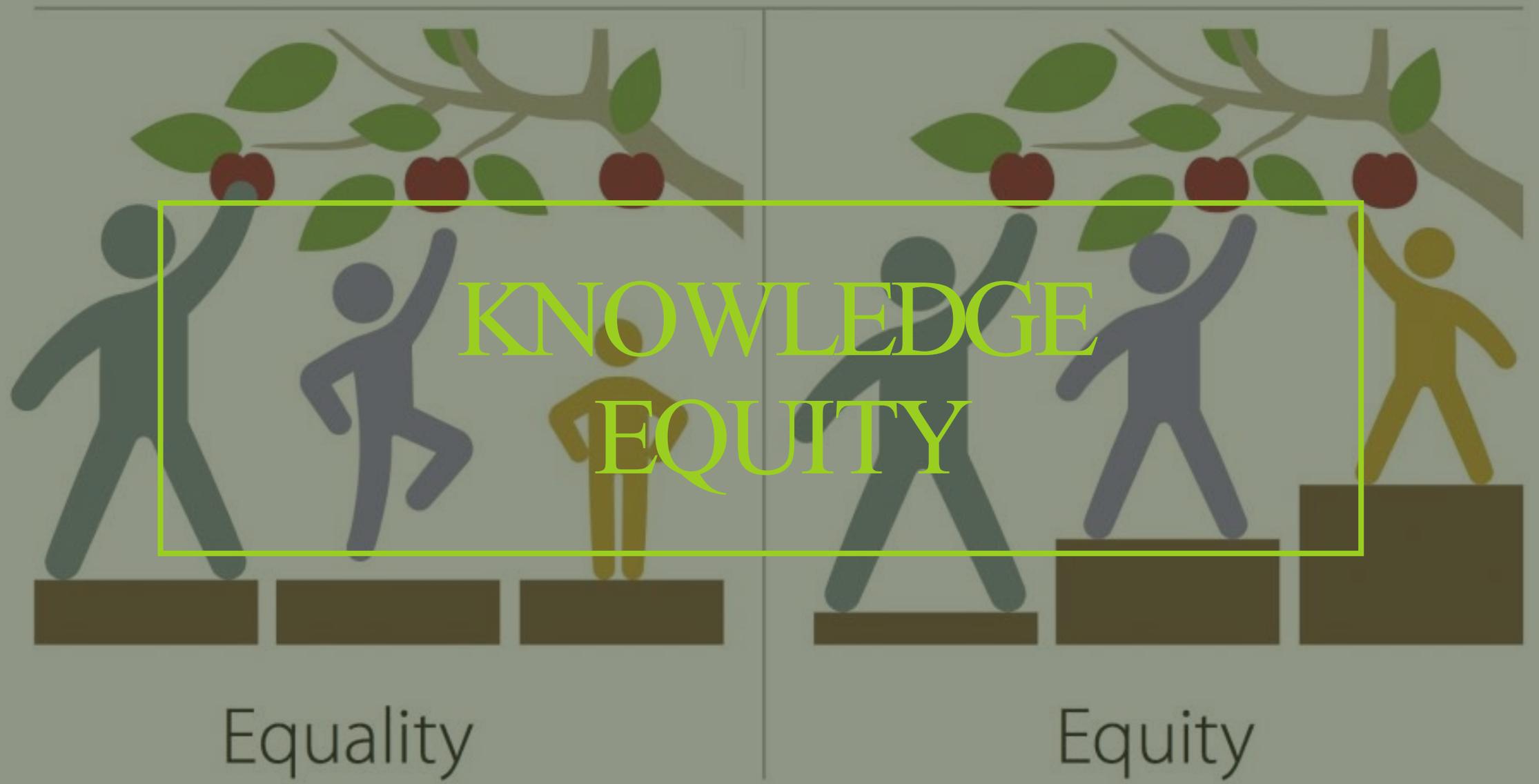
Preferences research evidence, but where do traditional knowledge and practices fit?

CLINICIAN EXPERIENCE

Clinician's may have very different experiences when viewing a patient through a holistic lens

PATIENT PREFERENCE

Patients also have experiences that represent a valuable type of knowledge



USING TRADITIONAL EVIDENCE

CRITICAL EVALUATION OF SOURCES OF TRADITIONAL KNOWLEDGE AND EVIDENCE

USING A TRADITION-CENTRIC LENS

BRIDGE-BUILDING ACROSS THE GAP

CRITICAL EVALUATION OF TRANSLATION TO CONTEMPORARY CONTEXT

TRADITIONS AS LIVING SYSTEMS

RESEARCH

Developing a framework for the critical appraisal and adaptation of traditional knowledge to contemporary research, education, policy and practice



VALUING PATIENTS

The era of the patient expert

1

Patient preference

2

Patient experience

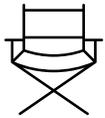
3

Patient wisdom





THE BIG QUESTIONS



POLICYMAKERS

How much does it cost?
Is it safe?



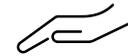
OTHER HEALTH PROFESSIONALS

What does this mean for the patient?
What does this mean for their practice?



PATIENTS

Will this make me feel better?
Will I feel heard and understood?



CLINICIANS

What do they do in their practice?
Why do they do those things?



IN GOVERNMENT SPEAK...

HEALTH TECHNOLOGY ASSESSMENT

A formal report aimed at informing policy decisions by summarizing evidence about a health intervention's effectiveness, safety and cost.



EXAMPLES FROM TRADITIONAL MEDICINE

Anthroposophic medicine

Commissioned by the Swiss government

Homeopathy

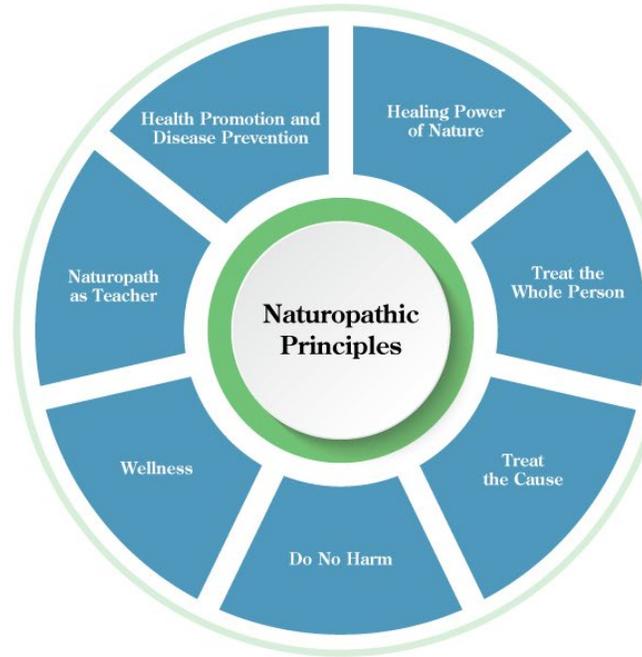
Commissioned by the Swiss government

Naturopathy

Prepared by the naturopathic profession

Naturopathy

Practice, Effectiveness,
Economics, Safety



Edited by

Iva Lloyd · Amie Steel · Jon Wardle

NATUROPATHY HTA

KEY HIGHLIGHTS

750 pages, 41 chapters
51 authors (11 countries)
60 reviewers (22 countries)
Seven international surveys

IMPLEMENTATION

Prevalence
Regulatory models
Evidence-based practice
Access and equity
Health promotion

RESEARCH INCLUDED

Bibliometric analysis
2000 peer-reviewed articles
>300 clinical studies
100 health populations

DISSEMINATION

Free to download
Copies to all members
Training to all members
Executive summary



WHAT DOES 'PRACTICE OSTEOPATHY' MEAN?

More than just 'hands'

DO

Practices and prescriptions

SHARE

Clinical encounter

THINK

Clinical reasoning

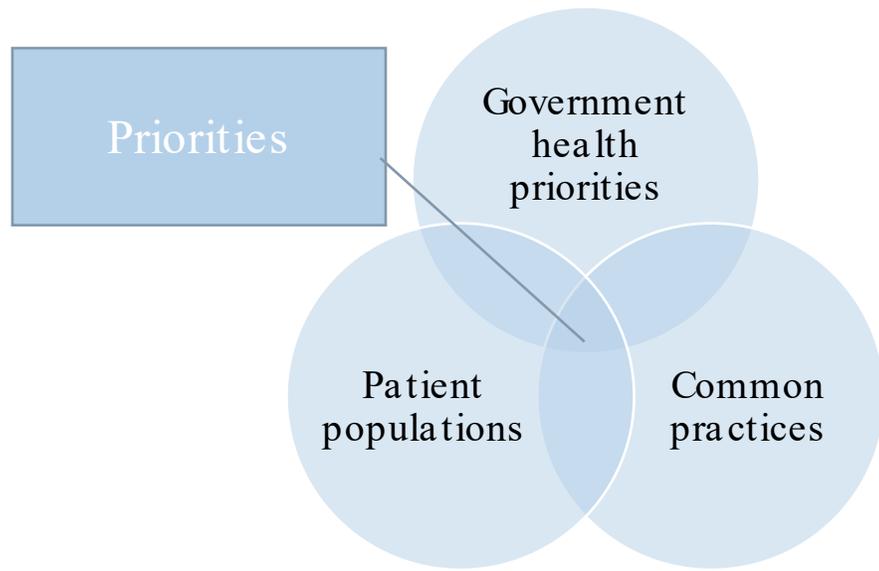




CLINICAL RESEARCH DRIVEN BY CLINICAL PRACTICE

Aligning research priorities with real-world practice behaviours and populations

Informed by health services research



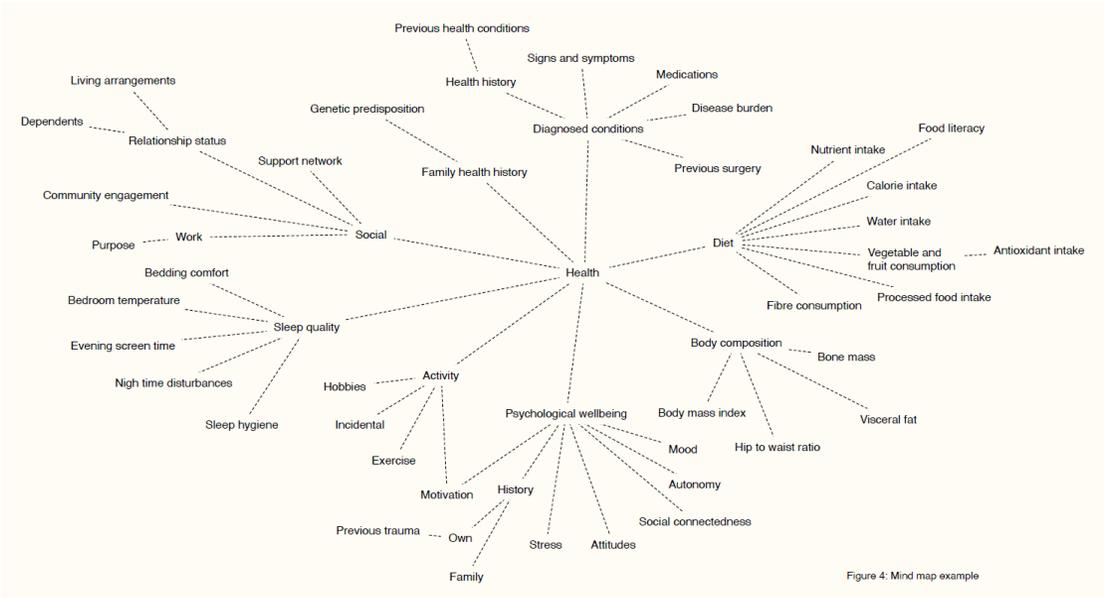
Developed using pragmatic designs



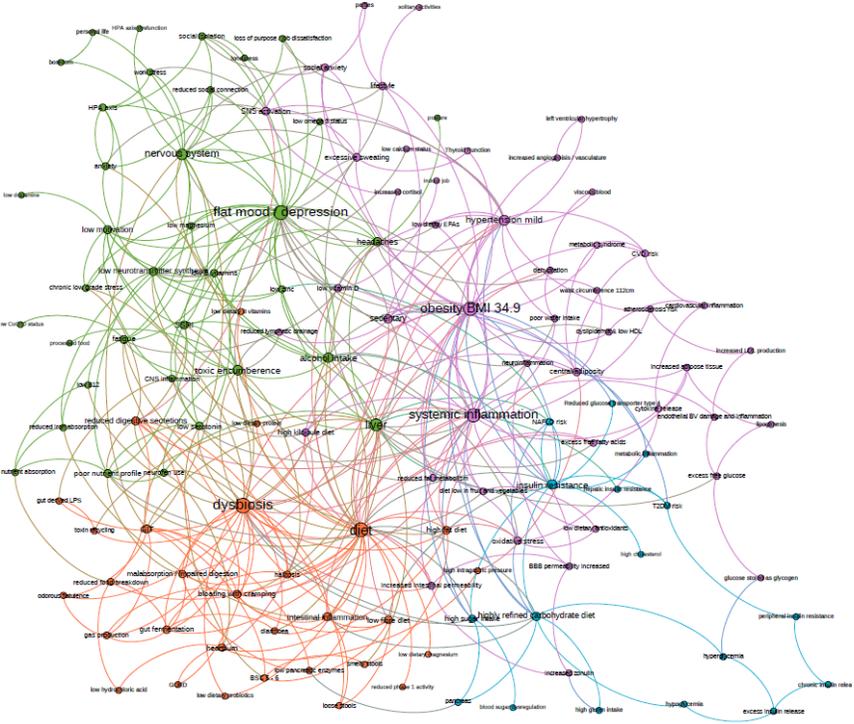
THE COMPLEXITY OF HOLISM

Using complexity science to study clinical reasoning

Example mind map



The interconnections of holistic thinking





THE CLINICAL ENCOUNTER

PATIENT-CENTRED

- Survey research (ORION)
- Patient Assessment of Chronic Illness Care scale
- Patient-Centred Care scale
- Perceived Provider Support scale
- Empowerment scale

KNOWLEDGE SHARING

- Survey research
- Knowledge mobilisation
- Evidence-based practice
- Patient-provided information

@naturopathamie

SUMMARY RESULTS

Osteopaths provide a greater degree of patient-centred care, provider support and patient-centred chronic illness care than medical doctors.

SUMMARY RESULTS

Naturopaths use various information sources Patient-provided information, particularly their experiences, are valued.



SUMMARY

The future of osteopathy research needs to be:

- Transdisciplinary
- Diverse methods
- Developed with target audiences in mind
- Supported by the international osteopathic community



ARCCIM collaborators :
Distinguished Prof Jon Adams
Dr Hope Foley
Ms Kim Graham (PhD student)
Mr David Casteleijn (PhD student)

External collaborators :
Dr Iva Lloyd (World Naturopathic Federation)
Dr Caragh Brosnan (University of Newcastle)
Dr Vicki Ward (St Andrew's University)
Dr Sarah Bland (Nottingham University NHS)
Dr Andrea Bugarcic (Southern Cross University)
A/Prof Matthew Leach (Southern Cross University)
Prof Jon Wardle (Southern Cross University)

THANK YOU

Dr Amie Steel, ND MPH PhD

Twitter: @naturopathamie
Email: Amie.steel@uts.edu.au

References available on request

