



Create change

“Evidence-based practice in Chile: an imminent challenge”

Jennifer Garcia MPhil, PhD ©

Dr. Jodie Copley

Dr. Merrill Turpin

*School of Health & Rehabilitation Sciences
The University Of Queensland*

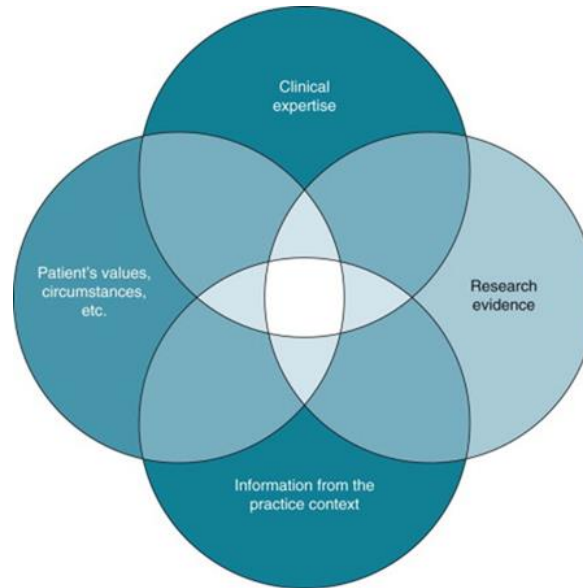
Dr. Chi-Wen Chien

*The Hong Kong
Polytechnic University*

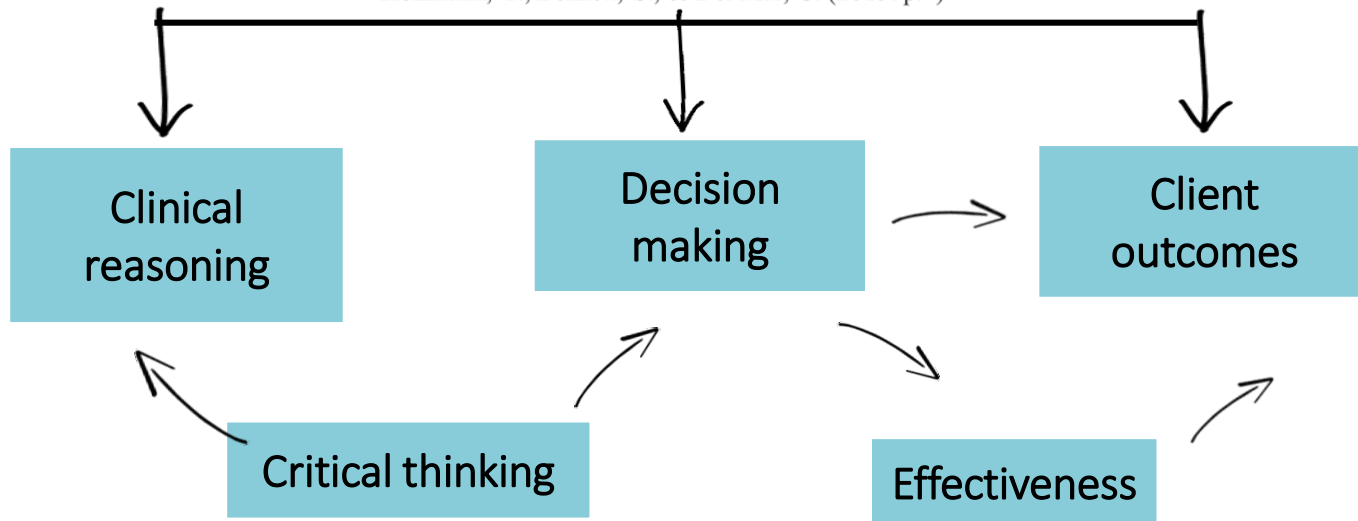
Natalia Peña BScOT

*Universidad Viña del
Mar, Chile*

Evidence-Based Practice (EBP) : Why it matters?



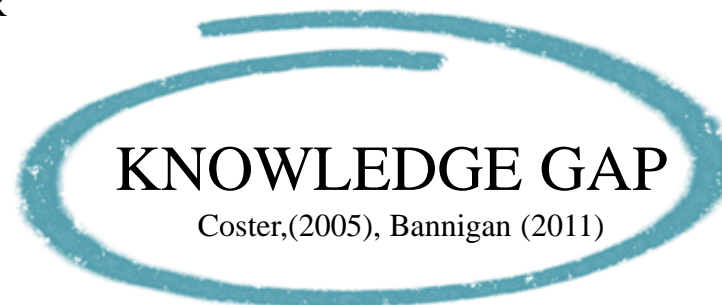
Hoffmann, T., Bennett, S., & Del Mar, C. (2013. p.4)



Bannigan & Moores (2009)

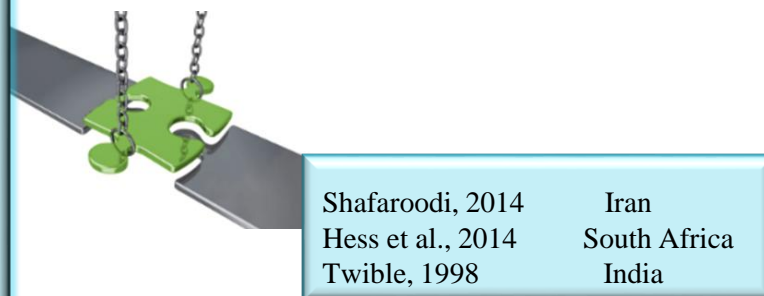
• Global achievement of EBP

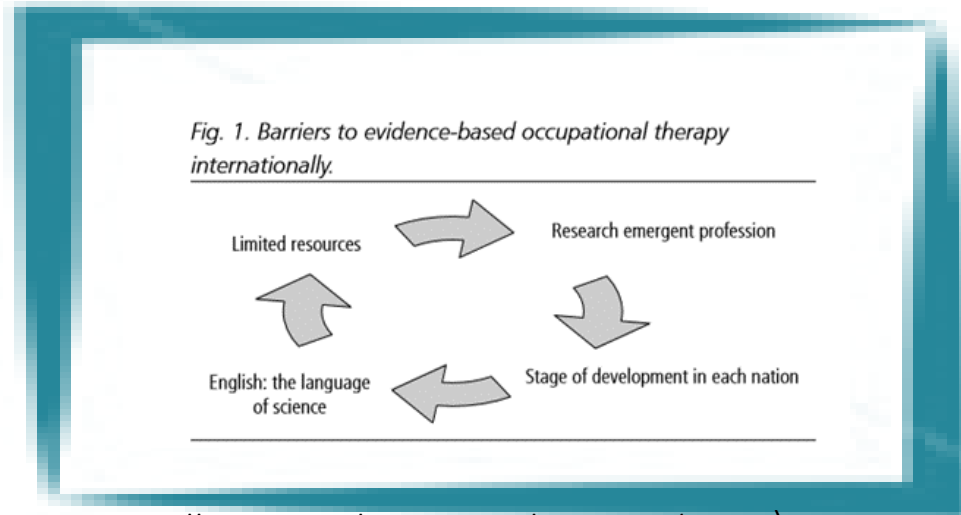
- Bennett & Bennett (2002) AU
- Tomlin & Borgetto (2011) USA, GER
- Ilott, I., Taylor, M., & Bolanos, C. (2006) CA
- Mailoo, VJ. (2006). UK
- Whitcombe, SW., Westcott, L. (2006) UK
- Holm (2000) USA
- AOTA (N.D) «Centennial Vision» USA
- CAOT (1999) CA
- Bennett & Townsend (2006) AU
- **Buchanan (2011)** **ZA**



• Clinical reasoning and decision making

Shell et al.,2014	USA	Kristensen et al., 2012	Denmark
Kadar et al., 2014	AU	Carrier et al., 2010	CA
Ziviani et al., 2014	AU	Lin et al.,2010	USA
Upton et al.,2014	UK	Metzler et al., 2010	CA
DeAngelis et al., 2013	USA	Colquhoun et al., 2010	CA
Graham et al., 2013	USA	Miralles et al., 2009	Spain
Copley et al., 2013	AU	Keponen et al., 2008	Finland
Bennett et al., 2013	AU	Bannigan et al., 2007	UK
Thomas et al., 2012	CA	Neistadt, 1998	USA
Roberts et al., 2012	AU	Lyons et al., 2011	UK /AU/Taiwan





Illot, I., Taylor, M., Bolanos.C. (2006)

What happens in non-English speaking countries?

- English is the “language of science” **Spanish language** is more prevalent
 - First Spanish language paper on EBP by Aravena (2015) (LILACS, 2017)
- Occupational therapy in Latin America is **growing rapidly** but is **not regulated**

First research study on EBP in Chile (Garcia, J., Copley, J., Turpin., Peña, N., 2017)

How are Chilean OTs practicing?

AIM: Determining how OTs in Chile make clinical decisions and build knowledge

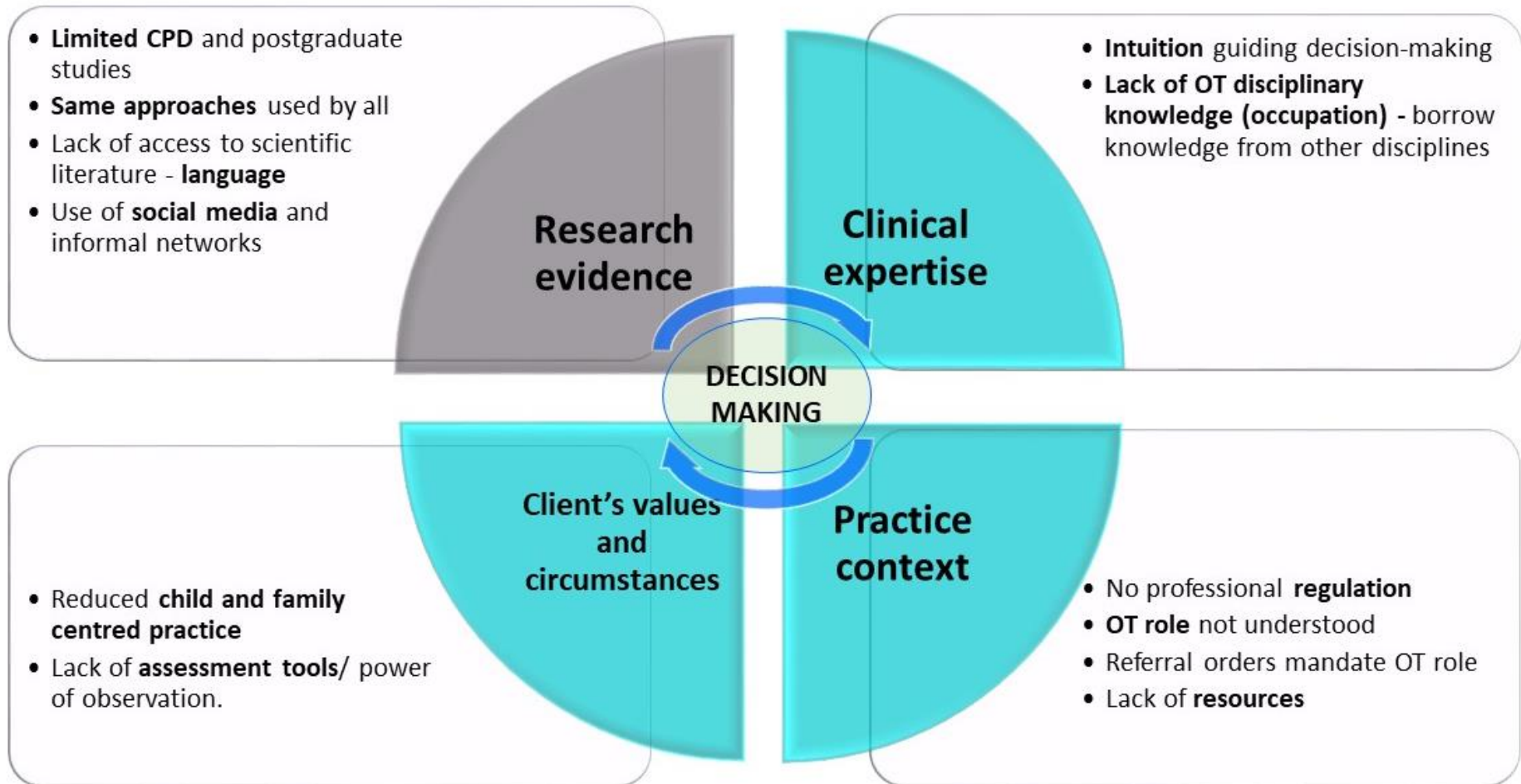
Research Questions:

- What sources of information are available to and used by Chilean occupational therapists in paediatric settings to make clinical decisions?
- How do they build their body of knowledge?


Methodology:

- Interpretive description (Thorne, 2008)
- 10 paediatric OTs, stratified geographically, clinical settings, years of experience, professional training
- In-depth interviews

Findings



KEY MESSAGES AND NEXT STEPS

- 
- An iceberg floating in the ocean. The tip of the iceberg is visible above the water surface, while the much larger, submerged part is visible below. The water is a deep blue, and the sky is a lighter blue with some clouds.
- ✓ Reliability of information that has not undergone quality evaluation.
 - ✓ Need for clinical decision-making framework based on evidence.
 - ✓ Need for promoting culture of research and research knowledge
 - ✓ **CREATION OF LOCAL KNOWLEDGE → GLOBALLY RELEVANT**

Next steps: PhD study

- Put structure in place for critical thinking – strengthen EBP and reflective practice (Bannigan & Moores, 2009)
- Provide access to broader range of information – build global networks
- OT in developing countries decides cultural relevance of information