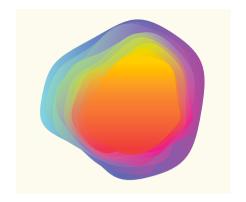
Holding the complex whole

Generalist philosophy, priorities and practice that facilitate whole-person care



CPD 🕮



Johanna M Lynch, Hayley R Thomas, Deborah A Askew, Nancy Sturman

Background

Generalist work is often complex, especially in the face of undifferentiated, uncertain, uncomfortable or unremitting presentations. This complexity can be exacerbated by difficult social circumstances and health system constraints, as well as by dissonance between patient and clinician conceptions of ideal care.

Objective

This article offers philosophical and practical encouragement to help general practitioners (GPs) 'be with' patients, care for their own needs and value their complex work.

Discussion

Caring for the whole person is challenging. When done well, this complex care may look simple. Alongside biomedical knowledge, generalists require sophisticated relational sensitivity and capacity to notice and attend to context, culture, meaning and subjective inner experience, including the person's strengths and deepest fears. Generalist philosophy, priorities and clinical skills are named in this paper as part of the ongoing effort to help GPs value, hone and protect the often-misunderstood complexity of their work.

the value and expertise of generalist approaches in healthcare, especially as general practice faces demoralisation of the general practitioner (GP) workforce^{1,2} and changes in primary healthcare policy and structures. 'Generalism', defined as 'expertise in whole-person care',³ integrates biological and biographical knowledge and offers person-centred care, as well as continuity of care.³ This is challenging work that relies on generalist philosophy, priorities and practical skills.

There are relational and contextual challenges to generalist person-centred care in every clinical encounter. GPs intentionally sit near the pain, suffering and uncertainty in their communities, seeking to offer healing relationships that are humane and respectful. They become aware of social isolation, overwhelming financial needs and lack of timely access to affordable medical care. GPs often respond with innovative care,4 political advocacy5 and financial and personal generosity, such as seeking further training or working longer hours, bulk-billing and other unpaid work to increase access to care. This very same generosity can develop into distress or internal conflict if taken for granted of if the patient or community complains, asks for care that is not medically indicated or crosses the personal boundaries of the GP.6,7

Generalist care is undermined by systemic and bureaucratic devaluing of GP time and expertise, primary care policy that fragments care and encourages short transactional encounters and an excessive focus on disease or procedures.8,9 Clinical decision making in the face of uncertainty, undifferentiated symptoms, conflicted goals or chronic disease and grief is also cognitively, emotionally and morally difficult. 10,11 In order to protect GPs from doubting the value of their work, 12-14 it is important to understand generalism as so much more than biomedical service provision: it requires philosophical attitudes, overarching priorities and practical skills that are often unnamed and unnoticed.

In this article we offer encouragement to GPs by clarifying the nature and value of generalist work and by describing some practical priorities and skills that are part of the generalist toolkit.

Valuing the work of general practice: The Craft of Generalism

The 'Craft of Generalism' named in this paper (and outlined in Figure 1) aligns with generalist and transdisciplinary philosophical approaches to knowledge, 15,16 as well as with 'clinical pragmatism'.

Clinical pragmatism is a philosophically robust approach to knowing that values

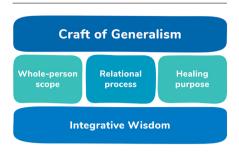


Figure 1. First principles of the Craft of Generalism.

Reproduced from Lynch,³⁹ with permission by Routledge.

plural sources of information, participatory forming of knowledge within relationship, pragmatic goals for how the knowledge will be used and a provisional (or humble) approach to certainty.¹⁷ For GPs, this philosophy reinforces the clinical priorities of broad whole-person scope, relational process, healing orientation and integrative wisdom (Figure 1).16 It includes a length, breadth and depth of scope that provides cradle-to-grave care, continuity, accessibility, inclusivity and capacity to delve beyond the presenting complaint to explore underlying issues when appropriate.18 Some foundational principles of generalism are outlined in Table 1.

The Craft of Generalism has philosophical roots that value the personhood and expertise of both the patient and the GP and seek to care for the whole. Influential GPs have critiqued the 'fault line' that runs through a biomedical approach to medicine that is often blind to the whole person in their context and relationships, and have called on GPs to value general practice as an academic discipline that can bring generalist innovation to the wider health system. 4,23-27 Others have highlighted the importance to generalist care of stories, 28,29 the personhood of the patient,30 the relational ways of 'being' of the clinician, 31,32 the complexity of people and systems,33 practical goals that help people live their lives, 12,34 scholarly wisdom 12,35 and 'knowing' that comes through experience.36 As new public policy impacts general practice, a return to the philosophical foundations of general practice is timely.

The generalist toolkit: Practical skills and priorities for wholeperson care

Generalism is a craft that includes a sophisticated personal skill set that builds towards mastery with experience and training.37,38 Complex and conflictual patient encounters may lead clinicians to subconsciously narrow attention, adopt linear assumptions, minimise the importance of the relationship or become distracted from seeing the whole. The four priorities of the Craft of Generalism (whole-person scope, relational process, healing orientation and integrative wisdom) can protect the GP from getting stuck in these narrowed patterns. The five practical skills associated with these priorities (broad awareness, respectful connection, capable engagement, calm sense-making and owning yourself) can guide everyday consultations and provide a direction of travel to identify and circumvent blocks in more challenging consults (Table 2).39 These skills are an evidence-based approach that prioritises patients and clinicians feeling safe,39 and can equip generalists to persevere, and indeed thrive, as they perform this valuable work. We discuss each in turn below and outline each in more detail in Tables 1 and 2.

Attending to the whole person with Broad Awareness

Offering whole-person care requires concurrent attention to the patient, the clinician, and the presenting concern. 40 In complex situations, it is easy for patients and clinicians to focus narrowly on the perceived problem (eg chronic pain) or explanation (eg physical injury) without attending to the broader impacts of life experience, relationships or context. Such a narrow focus can result in care becoming 'stuck', where the perceived problem may represent only the 'tip of the iceberg' and cannot be effectively addressed without a broader perspective.

A helpful way to consider the whole person is to intentionally notice strengths, resources and threats in the multiple layers of the whole person.³⁹ The Sense of Safety Whole-Person Domains³⁹ (Figure 2) offer the generalist a framework for a systems

review that can protect the clinician from too narrow a focus. Returning to this broad gaze draws attention to the wider environment, social climate (including injustice, racism and hopelessness), relationships, physiology, inner experiences, sense of self and spirit or meaning for each person (both patient and GP).³⁹

This wide view is about the content (the strengths and threats in each layer), as well as process, of Broad Awareness.³⁹ Skilled GPs speak of processes of iteration, interpretation, integration and discernment that are part of Broad Awareness, noticing a part within a comprehensive wider whole.^{12,31,41} Hermeneutic approaches to knowing speak of attending wide for illumination and narrowing for definition⁴² (Figure 3)

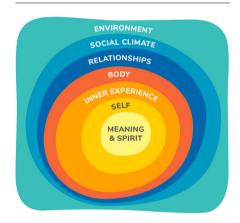


Figure 2. Sense of Safety Whole-Person Domains.

Reproduced from Lynch,³⁹ with permission by Routledge.

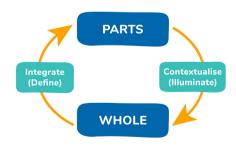


Figure 3. Hermeneutic cycle as per Ajjawi and Higgs.⁴²

Reproduced from Lynch,³⁹ with permission by Routledge.

Craft of Generalism	Definition	
Primary care priorities		
Positioned in the community for access	Accessible and inclusive frontline healthcare working with diffuse undifferentiated presentations that does not exclude people based on diagnosis, eligibility or severity	
Place-based healthcare	A recognisable, consistent, hospitable and community- based entry point to the healthcare system	
Continuity of care	Intentional cradle-to-grave care that accompanies people through life and is not designed around life stage, disorders, body parts or procedures	
Whole-person scope		
A wide scope of care that is person-centred	A generalist gaze that includes both biology and biography and is more than a narrow objectifying 'medical gaze' Attends to context, culture, community, personhood, body, inner experience, sense of self and spirit/meaning	
A thorough approach to information gathering	A broad attention to the whole (its length, breadth and depth), not just the presenting complaint or the body	
	Iterative cycles of understanding that rely on a provisional attitude to diagnosis that welcomes uncertainty and is wary of categories that may exclude other disciplinary knowledge, team contributions or new information	
Relational process		
Personal and embodied	Involving the whole embodied self of the clinician, not just their cognition or their capacity to provide a service	
	A way of being, knowing, perceiving, thinking and doing	
Relational process of care and understanding	All consultations (including the apparently simple or ordinary ones) are part of building the therapeutic relationship; they are not just a transaction or an algorithm	
	Each encounter is relational, collaborative and tuned-in to the patient's experience, context, relationships, expertise and meaning making	
Healing orientation		
A pragmatic focus on outcomes for the patient	Assessment and treatment aimed at caring for the self of the person and reconnecting them with life (healing); not just about symptom reduction or technological interventions	
	Assessment prioritises the person's future health through prevention and early intervention	
Prioritising community connection	Health as more than care for the individual with pathology: healthcare that actively attends to loneliness, social isolation, family dysfunction and community dislocation	
Integrative wisdom		
An integrative and humble wisdom	Humble attitude to knowing: always open to new information and to complex forms of evidence (not just linear reductionist science)	
	Wisdom that uses integration, interpretation, iteration, discernment and pattern recognition of diverse, complex	

Table 1. Underlying philosophy and priorities of general practice: Generalist

to maintain Broad Awareness. This breadth of focus helps both the patient and GP see a more nuanced, varied, personalised and comprehensive understanding of complex problems. It includes an awareness within the clinician of both their own and their patient's complexity and needs. It includes the inner experience of the GP as part of that awareness: tuning in to embodied experience as part of the way clinicians make decisions. It also reveals a gift of complexity: more potential avenues for treatment and healing.

Prioritising Respectful Connection in relationships

Disrespect and conflict within the GP-patient relationship can be one of the most challenging and demoralising situations faced by GPs. The generalist skill of respectful connection can protect the therapeutic alliance and help it weather grief and frustration. It also names a key goal for healthy relationships in both the patient's and clinician's own lives.

Respectful Connection should be prioritised in each consultation because it protects both the patient's and clinician's dignity and belonging.43 Respectful Connection is characterised by an attuned and trusting connection to self, other and environment.39 It facilitates emotional regulation and genuine disclosure and understanding.44 Respectful Connections are enacted through genuine caring interest in the person, warm tone of voice, respectful management of time, informed consent, confidentiality, open communication, repair of any relational ruptures (if possible) and collaborative decision making.45-50

Focussing on Capable Engagement and Owning Yourself as healing outcomes

Consultations where GP and patient goals and priorities are misaligned can be challenging and frustrating for both. Generalist care includes both GP and patient expertise and their differing goals. Therapeutic alliance requires a process of collaborative deliberation, 45 which is immediately undermined if the GP or

patient adopts dominating, dismissive or overly helpful or hurried approaches.

Conversely, Capable Engagement and Owning Yourself are two generalist skills that assist effective collaborative deliberation, are foundational for rehabilitation of the self and can be built into every consultation. ^{34,39,51} Capable Engagement is purposeful and prioritises the patient voice, integrity, values and social connections ^{52,53} as part of fostering patient autonomy, self-efficacy and hope

(even in the face of ongoing chronic illness). ^{54,55} Owning Yourself includes reflecting, knowing, accepting and being responsible for yourself. ³⁹ Fostering this in both clinician and patient is a key goal of quality generalist care.

Table 2. Craft of Generalism: Skills and priorities for general practice	
Philosophical commitment	Practical skill
Whole-person scope	Broad Awareness
	Focus on the patient
	Helps the patient and GP to:
	 put things in perspective and see what else may be important or helpful
	 understand motivation and needs
	attend to culture, context, meaning and experience
	notice dynamics that help processes to get 'unstuck'
	Focus on the GP:
	• widens perspective and capacity to notice their own self: their tiredness, grief, motivation, values, relationships
Relational process	Respectful Connection
	Focus on the patient:
	 allows the therapeutic relationship between the patient and GP to weather disagreement, grief, frustration and even apologies
	includes consent and choice, as well as collaborative processes
	creates enough safety to build trust and disclosure of concerns
	prioritises patient autonomy and boundaries
	Focus on the GP:
	allows them to notice their own embodied response to the patient
	facilitates respect for their own expertise, sense of self and dignity
	allows GPs to create clear, respectful and protective boundaries
Healing orientation	Capable Engagement and Owning Yourself
	Focus on the patient:
	• enables, encourages and respects the patient's capacity to engage with life on their own terms
	· views the patient as a collaborator and leader in their own medical care
	focuses attention on prevention and early intervention for the sake of long-term wellbeing
	Focus on the GP:
	helps GPs to value and respect their own expertise and decisions
	provides security to manage patient disappointment or irritability
	inspires them to reflect on and attend to their own needs
Integrative wisdom	Calm Sense Making
	Focus on the patient:
	helps the patient notice and make meaning from the story of their symptoms and experiences
	 enables patterns to be recognised among fragments and to see through the surface to the deeper story (and notice inconsistencies and confusions)
	Focus on the GP:
	• enables clear thinking and the use of pattern recognition to make sense of their own bodily experience
	actively values implicit memory, embodied sensation and tacit intuition to influence clinical decision making

Calm Sense Making as a journey towards Integrative Wisdom

The generalist skill of Calm Sense Making can help address the confusion, frustration and meaninglessness felt by both patient and GP when facing complex and unremitting presentations. Calm Sense Making is a reflective inner process of organisation, pattern recognition, digesting, understanding and adapting to what is really happening.39 For the clinician, this process involves clinical wisdom (phronesis)⁵⁶⁻⁵⁸ and the discipline of tolerating uncertainty59 and avoiding premature categorisation.60 These disciplines enable discernment of what is most important and what patterns are being enacted, and can help the clinician to notice themselves and their own motivation and meaning in their work. For the patient, sense making is deeply embodied in how the body regulates itself. It is a personal process of understanding and regulating emotions and understanding the meaning of symptoms or situations. Calm Sense Making is also a communal process that can happen in families as they adjust to change, and in whole communities as they create rituals to help a group understand what has happened (eg in a funeral).39 This relational reflective process helps the clinician, patient and wider community make sense of the healing journey.

Conclusion

Generalist whole-person care requires personal commitment and wise professional skills. Clarifying the underlying generalist philosophy can help GPs value their work and respect their place in the healthcare system. Naming and describing some practical priorities and skills can help clinicians apply the generalist gaze to complex clinical situations and decisions. Awareness of this wider frame can also help GPs maintain a person-centred approach towards their patients as complex people, and towards themselves as people and sophisticated knowledge workers (not just service providers or technicians) who use emotional, relational and embodied wisdom to do their work. Understanding

the sophisticated craft and practical skills of generalist care could help both GPs and health policy makers value, respect and navigate the challenges of this complex and important work, especially at this time of change for Australian general practice.

Key points

- GPs who offer whole-person care have a generalist gaze that sees the whole person.
- The Craft of Generalism is a philosophically robust approach to diverse forms of knowledge that make up the whole.
- Generalists trained predominantly in the biomedical paradigm may not have the language to communicate the additional priorities, skills and wisdom that they bring to patient care.
- Generalist work is scientific, practical, relational, contextual and wise: it offers clear priorities and practical skills to navigate conflicting, confusing and complex situations.
- GPs need to care for themselves, because offering whole-person care to others is whole-hearted work and can be emotionally and physically exhausting.

Authors

Johanna M Lynch MBBS, PhD, GradCert, FRACGP, FASPM, Senior Lecturer, General Practice Clinical Unit, The University of Queensland, Brisbane, Qld Hayley R Thomas BSc, MBBS, FRACGP, Senior Lecturer, General Practice Clinical Unit, The University of Queensland, Brisbane, Qld Deborah A Askew PhD, Associate Professor, General Practice Clinical Unit, The University of Queensland, Brisbane, Old

Nancy Sturman BA, MBChB, FRACGP, PhD, Associate Professor, General Practice Clinical Unit, The University of Queensland, Brisbane, Qld

Competing interests: JL is the author of a quoted book (A whole person approach to wellbeing: Building sense of safety) and lectures on the sense of safety concepts outlined in this paper, JL is also President of the Australian Society for Psychological Medicine and is a member of the Intersectoral and Policy Committee for the ALIVE National Mental Health Research Centre. HRT has received an Early Career research grant from The University of Queensland and an RACGP Foundation Family Medical Care Education and Research (FMCER) grant. NS is employed by the RACGP as a Senior Academic Advisor, Education Research Unit, and is a recipient of an RACGP Foundation FMCER grant for a project relating to the GP-patient relationship. Funding: None.

Provenance and peer review: Commissioned, externally peer reviewed.

Correspondence to:

j.lynch2@uq.edu.au

Acknowledgements

The authors acknowledge the input of key researchers in the development of these ideas, namely Pam Meredith, Mieke van Driel, Christopher Dowrick, Kurt Stange and Linn Getz.

References

- McNamara P, Zubairi R. The GP crisis: Demonised and demoralised. Br J Gen Pract 2021;71(712):513. doi: 10.3399/bjgp21X717581.
- Stone L. Are doctors really the parasites of the health system? MJA Insight 2022;2022:24.
- Reeve J, Dowrick CF, Freeman GK, et al. Examining the practice of generalist expertise: A qualitative study identifying constraints and solutions. JRSM Short Rep 2013;4(12):2042533313510155. doi: 10.1177/2042533313510155.
- McWhinney IR. William Pickles Lecture 1996.
 The importance of being different. Br J Gen Pract 1996;46(408):433–36.
- Gibbs P. Transdisciplinarity as epistemology, ontology or principles of practical judgement.
 In: Gibbs P, editor. Transdisciplinary professional learning and practice. Springer, 2015; p. 151–64. doi: 10.1007/978-3-319-11590-0 11.
- Chambers R. Avoiding burnout in general practice. Br J Gen Pract 1993;43(376):442-43.
- Stange KC. Time for family medicine to stop enabling a dysfunctional health care system. Ann Fam Med 2023;21(3):202-204. doi: 10.1370/ afm.2981.
- Thomas H, Best M, Mitchell G. Health care homes and whole-person care: A qualitative study of general practitioners' views. Aust J Gen Pract 2019;48(12):867-74. doi: 10.31128/AJGP-05-19-4932.
- Breadon P, Romanes D. A new Medicare: strengthening general practice. Grattan Institute, 2022. Available at https://grattan.edu.au/report/anew-medicare-strengthening-general-practice/ [Accessed 17 April 2023].
- Islam R, Weir C, Del Fiol G. Heuristics in managing complex clinical decision tasks in experts' decision making. IEEE Int Conf Healthc Inform 2014; 2014: 186–193. doi: 10.1109/ICHI.2014.32.
- Dean W, Talbot S, Dean A. Reframing clinician distress: Moral injury not burnout. Fed Pract 2019;36(9):400-02.
- Reeve J. Interpretive medicine: supporting generalism in a changing primary care world.
 Occas Pap R Coll Gen Pract 2010;(88):1-20, v.
- 13. Hogg W. Family medicine: The challenge of maturity. Can Fam Physician 1989;35:823–27.
- Stange KC, Miller WL, Etz RS. The role of primary care in improving population health. Milbank Q 2023;101(S1):795–840. doi: 10.1111/1468-0009.12638.
- Lynch JM, Dowrick CF, Meredith P, McGregor SLT, van Driel M. Transdisciplinary Generalism: naming the epistemology and philsophy of the generalist. J Eval Clin Prac 2021;27:638–47. doi: 10.1111/ jep.13446.
- Lynch JM, van Driel M, Meredith P, et al. The craft of generalism: Clinical skills and attitudes for whole person care. J Eval Clin Pract 2022;28(6):1187-94. doi: 10.1111/jep.13624
- Brendel DH. Beyond Engel: Clinical pragmatism as the foundation of psychiatric practice. Philos Psychiatry Psychol 2007;14(4):311–13. doi: 10.1353/ ppp.0.0145.

- Thomas H, Best M, Mitchell G. Whole-person care in general practice: The nature of wholeperson care. Aust J Gen Pract 2020;49(1–2):54–60. doi: 10.31128/AJGP-05-19-49501.
- Kirkengen AL, Thornquist E. The lived body as a medical topic: An argument for an ethically informed epistemology. J Eval Clin Pract 2012;18(5):1095–101.
- Dowrick C, Heath I, Hjörleifsson S, Misselbrook D, May C, Reeve J, et al. Recovering the self: A manifesto for primary care. Br J Gen Pract 2016;66(652):582–83.
- Reeve J. Primary care redesign for person-centred care: Delivering an international generalist revolution. Aust J Prim Health 2018;24(4):330–36.
- Reeve J. Protecting generalism: Moving on from evidence-based medicine? Br J Gen Pract 2010:60(576):521-23.
- McWhinney I, Stewart M, Brown J, Weston W, McWilliam C, Freeman T. Patient-centered medicine. Transforming the clinical method. Sage, 1995.
- 24. McWhinney IR. The foundations of family medicine. Can Fam Physician 1969;15(4):13-27.
- Stange KC, Miller WL, McWhinney I. Developing the knowledge base of family practice. Fam Med 2001;33(4):286–97.
- McWhinney IR. Primary care: Core values. Core values in a changing world. BMJ 1998;316(7147):1807–09. doi: 10.1136/ bmj.316.7147.1807.
- 27. Stephens GG. The intellectual basis of family practice. J Fam Pract 1975;2(6):423–28.
- Launer J. Narrative-based primary care: a practical guide. CRC Press, 2017. doi: 10.1201/9781315385549.
- 29. Charon R. Narrative medicine: Honoring the stories of illness. Oxford University Press, 2006.
- 30. Cassell EJ. The person in medicine. Int J Integr Care 2010;10 Suppl:e019. doi: 10.5334/ijic.489.
- 31. Stange KC. The generalist approach. Ann Fam Med 2009;7(3):198–203. doi: 10.1370/afm.1003.
- 32. Rudebeck CE. Relationship based care how general practice developed and why it is undermined within contemporary healthcare systems. Scand J Prim Health Care 2019;37(3):335–44. doi: 10.1080/02813432.2019.1639909.
- Sturmberg JP, Martin CM, Katerndahl DA. Systems and complexity thinking in the general practice literature: An integrative, historical narrative review. Ann Fam Med 2014;12(1):66–74. doi: 10.1370/afm.1593.
- 34. Stone L. Reframing chaos a qualitative study of GPs managing patients with medically unexplained symptoms. Aust Fam Physician 2013;42(7):501–02.
- Reeve J. Scholarship-based medicine: Teaching tomorrow's generalists why it's time to retire EBM. Br J Gen Pract 2018;68(673):390-91. doi: 10.3399/ bjgp18X698261.
- Malterud K. The art and science of clinical knowledge: Evidence beyond measures and numbers. Lancet 2001;358(9279):397–400. doi: 10.1016/S0140-6736(01)05548-9.
- Sturmberg J, Hogan CD, Price KL. A sustainable vision for general practice: Addressing the challenges. Aust J Gen Pract 2023;52(3):150–57. doi: 10.31128/AJGP-08-22-6540.
- Green LA, Jones SM, Fetter G Jr, Pugno PA. Preparing the personal physician for practice: Changing family medicine residency training to enable new model practice. Acad Med 2007;82(12):1220–27. doi: 10.1097/ ACM.0b013e318159d070.

- 39. Lynch JM. A whole person approach to wellbeing: Building sense of safety. Routledge, 2021.
- Hutchinson TA, Brawer JR. The challenge of medical dichotomies and the congruent physician-patient relationship in medicine. In: Hutchinson T, editor. Whole person care. Springer, 2011. p. 31–43. doi: 10.1007/978-1-4419-9440-0_4.
- 41. Stange KC. The problem of fragmentation and the need for integrative solutions. Ann Fam Med 2009;7(2):100–03. doi: 10.1370/afm.971.
- Ajjawi R, Higgs J. Using hermeneutic phenomenology to investigate how experienced practitioners learn to communicate clinical reasoning. Qual Rep 2007;12(4):612–38. doi: 10.46743/2160-3715/2007.1616.
- 43. Barclay L. In sickness and in dignity: A philosophical account of the meaning of dignity in health care. Int J Nurs Stud 2016;61:136–41. doi: 10.1016/j.ijnurstu.2016.06.010.
- 44. Kim S. Therapist's empathy, attachment, and therapeutic alliance: Neurobiological perspective. Int J Psych Behav Anal 2018;4:IJPBA-140. doi: 10.15344/2455-3867/2018/140.
- Elwyn G, Lloyd A, May C, et al. Collaborative deliberation: A model for patient care. Patient Educ Couns 2014;97(2):158-64. doi: 10.1016/j. pec.2014.07.077.
- Edwards A, Elwyn G. Shared decision-making in health care: Achieving evidence-based patient choice. Oxford University Press, 2009.
- Safran JD, Muran JC, Stevens C, Rothman M. A relational approach to supervision: Addressing ruptures in the alliance. In: Falender CA, Shafranske EP, editors. Casebook for clinical supervision: A competency-based approach. APA Books, 2008; p. 137–57. doi: 10.1037/11792-007.
- Kykyri VL, Karvonen A, Wahlström J, Kaartinen J, Penttonen M, Seikkula J. Soft prosody and embodied attunement in therapeutic interaction: A multimethod case study of a moment of change. J Constr Psych 2017;30(3):211–34. doi: 10.1080/10720537.2016.1183538.
- Greenhalgh T, Heath I. Measuring quality in the therapeutic relationship – part 1: Objective approaches. Qual Saf Health Care 2010;19(6):475–78.
- 50. Greenhalgh T, Heath I. Measuring quality in the therapeutic relationship. The Kings Fund, 2010.
- Pawlikowska T, Zhang W, Griffiths F, van Dalen J, van der Vleuten C. Verbal and non-verbal behavior of doctors and patients in primary care consultations – how this relates to patient enablement. Patient Educ Couns 2012;86(1):70–76. doi: 10.1016/j.pec.2011.04.019.
- 52. Salmon P, Dowrick CF, Ring A, Humphris GM. Voiced but unheard agendas: Qualitative analysis of the psychosocial cues that patients with unexplained symptoms present to general practitioners. Br J Gen Pract 2004;54(500):171–76.
- 53. Barry CA, Stevenson FA, Britten N, Barber N, Bradley CP. Giving voice to the lifeworld. More humane, more effective medical care? A qualitative study of doctor-patient communication in general practice. Soc Sci Med 2001;53(4):487–505. doi: 10.1016/S0277-9536(00)00351-8.
- Bandura A, Schunk DH. Cultivating competence, self-efficacy, and intrinsic interest through proximal self-motivation. J Pers Soc Psychol 1981;41(3):586–98. doi: 10.1037/0022-3514.41.3.586.
- Ayre M, Tyson G. The role of self-efficacy and fear-avoidance beliefs in the prediction of disability. Aust Psychol 2001;36(3):250-53. doi: 10.1080/00050060108259663.

- Parker M. Whither our art? Clinical wisdom and evidence-based medicine. Med Health Care Philos 2002;5(3):273–80. doi: 10.1023/A:1021116516342.
- Bontemps-Hommen MCML, Vosman FJH, Baart AJ. The multiple faces of practical wisdom in complex clinical practices: An empirical exploration. J Eval Clin Pract 2020;26(3):1034–41. doi: 10.1111/jep.13119.
- Hofman B. Medicine as practical wisdom (phronesis). Poiesis Prax 2002;1(2):135–49. doi: 10.1007/s10202-002-0012-3.
- Simpkin AL, Schwartzstein RM. Tolerating uncertainty - the next medical revolution?
 N Engl J Med 2016;375(18):1713-15. doi: 10.1056/ NEJMo1606402
- McSherry D. Avoiding premature closure in sequential diagnosis. Artif Intell Med 1997;10(3):269–83. doi: 10.1016/S0933-3657(97)00396-5.

correspondence ajgp@racgp.org.au