



The MEDWISE Framework

How Penny Maxwell thinks about your medication - and why it matters

MEDWISE is the clinical framework that underpins every piece of work at Maxwell Minds. Seven dimensions, systematically examined, every patient, every time.

FOR PRESCRIBERS

- Pharmacokinetic and pharmacodynamic analysis
- Evidence appraisal including thin and biased evidence
- Drug interaction review including pharmacogenomics
- Gap identification - what is missing and what is needed
- Medico-legal documentation and support
- Independent - no pharmaceutical ties or institutional agenda

WHAT IT PRODUCES

- A systematic picture of every factor that could affect treatment
- Identification of pseudo-failures vs genuine failures
- Patient-specific risk profile
- Clear, documented clinical reasoning
- A basis for shared decision-making with the patient
- Documentation that travels with the patient

THE SEVEN DIMENSIONS

- **M - Movement** How the medicine moves through this person's body. Absorption, distribution, metabolism, excretion - and what is changing any of those for this patient specifically.
- **E - Evidence** What the research actually says - including where it is thin, biased, or not applicable to the person in front of you. Honest about uncertainty. Working with you on the best available framework when the evidence doesn't fit.
- **D - Drug interactions** Medicine-to-medicine, medicine-to-condition, pharmacogenomic, and lifestyle interactions. Including CYP450 pathways and pharmacogenomic testing where relevant.
- **W - What's missing** The monitoring not in place. The plan that doesn't exist for if it stops working. The coordination gap between clinicians. The practical support the patient is not getting.
- **I - Individual fit** Treatment shaped around this person - their body, their history, their values, their practical life. Not the average patient in a guideline.
- **S - Safety** How to start, what to watch for, when and how to adjust, and how to stop or change safely. A clear plan at every stage.
- **E - Efficiency** The most elegant solution for this situation. Reducing wasted time, unnecessary suffering, and unneeded complexity.

ON THIN AND CONTESTED EVIDENCE

The evidence base in ADHD, autism and mental health has well-documented gaps. Trials have historically underrepresented women, young people, older people, First Nations peoples, trans populations, and people with complex comorbidities. When the evidence is limited, biased, or not representative, Penny can:

- Draw on adjacent evidence - safety and pharmacokinetic data from related medications or other indications
- Synthesise what exists - pulling together available literature into a clear picture of what is known and what is uncertain
- Build a monitoring and documentation framework - so if you and your patient proceed, the decision is clearly supported
- Support your medico-legal position - a documented, reasoned shared decision-making process is materially different from an undocumented one

The decision to use any treatment always remains with you and your patient. Penny's role is to make sure that decision is made with the best available information, clearly reasoned, and properly supported.



WHAT TO EXPECT WHEN WORKING WITH MAXWELL MINDS

Every engagement at Maxwell Minds is structured around the MEDWISE framework. For a prescriber this means:

- A systematic review of every patient-specific factor - nothing important missed
- Transparent reasoning - you can see how every conclusion was reached
- Documented output - structured, referenced, ready for your records
- Honest about uncertainty - gaps flagged rather than papered over
- A warm handover recommended for complex cases - a brief call to walk through findings before you act on the report

INDEPENDENCE

No hospital system. No pharmaceutical relationships. No funding tied to any outcome. Recommendations shaped only by your patient's situation, the evidence, and 23 years of frontline MDT experience in mental health, paediatrics and ADHD.

PRICING

Quick consultation: \$250 - 20 min - written summary included

All clinical work: \$440/hr billed in 15-minute increments

Legacy Review, workshops, concierge services: scope and pricing agreed before work begins

Penny Maxwell – Pharmacist Consultant FANZCAP (Mental Health and Paediatrics) - Lead author, Child and Adolescent chapter, Maudsley Prescribing Guidelines (8th ed)