MedPaLM 2 Architecture

540B	86.5%	Flan-PaLM	64
Parameters	MedQA Score	Base Model	Layers

Instruction Tuning

Medical task-specific fine-tuning

Chain-of-Thought

Step-by-step clinical reasoning

Few-Shot Learning

5-shot prompting for rare diseases

Safety Alignment

Medical ethics & harm reduction

Knowledge Base

UpToDate, PubMed integration

Continuous Learning

Weekly medical literature updates