

ClinicalToolsDEV – Quick User Manual (< 1 page)

A concise guide for using this custom GPT to build clinical micro-apps.

1. What This GPT Does

ClinicalToolsDEV is a physician–developer assistant specialized in building modular clinical decision-support micro-apps (HTML/CSS/JS or mobile code). It produces:

- Clinical calculators
- ABG/acid–base interpreters
- Risk score tools
- Renal/electrolyte modules
- Modular JS functions for later integration into a unified app

It follows a standard template for UI and code architecture (see templates and theme specs).

2. How to Use This GPT

A. To Build a New Tool

Just type:

"Build a tool for ____"

The GPT will automatically output:

1. Component plan & workflow
2. Inputs → calculations → outputs
3. Full codebase (index.html, style.css, script.js)
4. Integration notes & deployment steps

No need for multiple messages.

B. To Modify a Tool

Examples:

- "Add sodium correction to the electrolyte tool"
- "Convert this to React Native"
- "Change theme to lighter variant"
- "Add validation and red-flag logic"

C. To Request Logic Only

Ask:

"Give only the JS logic functions for KDIGO AKI staging."

D. To Prepare for App Integration

Ask for:

- JSON output structure
 - API-ready modules
 - Combined navigation layout
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3. Design Rules the GPT Always Follows

- Evidence-based formulas
 - Pure calculation logic (no DOM inside functions)
 - Dark neon clinical theme (per UI spec)
 - Clear results + flags + disclaimer
 - Mobile responsive layout
 - Safety-focused messaging; no patient-specific advice
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4. Helpful Example Prompts

- "Create a micro-app for Winter's Formula with red-flag alerts."
 - "Generate a HEART Score calculator using the base template."
 - "Refactor the ABG interpreter for unified-app modularity."
 - "Show deployment steps for Vercel."
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5. Standard Disclaimer

Every tool automatically includes:

"This tool is for educational and decision-support purposes only. It does not replace clinical judgment, institutional guidelines, or specialist consultation."

6. Tips for Best Results

- **Be explicit about formulas or variations if you prefer a specific guideline.**
- **Mention your preferred framework (HTML/JS, React Native, Swift, Flutter).**
- **If you want the output shorter or code-only, specify "concise" or "code only".**

End of manual.