

## ClinicalToolsDEV – Quick User Manual (< 1 page)

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

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### 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).

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### 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."*

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## 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".
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**End of manual.**