Thyroid Cascader – Quick User Guide

The **Thyroid Cascader** is an interactive clinical decision-support tool designed to help clinicians navigate thyroid-related diagnostic pathways. It presents **three structured decision trees**—Hypothyroidism, Hyperthyroidism, and Thyroid Nodules—and guides you step-by-step to the final diagnostic pattern.

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1. Home Screen Overview

Upon opening the app, you will see three large options:

- **Hypothyroid Symptoms**

- **Hyperthyroid Symptoms**

- **Thyroid Nodule**

Tap the option that best matches your patient's presentation. This launches the corresponding decision cascade.

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2. Navigating a Cascade

Each cascade presents **one decision node per screen**, keeping the interface simple and focused.

At each decision step:

- Read the question or instruction.

- Select the answer that fits your clinical data.

- The app automatically advances to the next appropriate node.

Navigation Controls:

- **Back Arrow** – return to the previous step.

- **Home** – return to the main menu at any time.

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3. Outcome Screens

When the cascade reaches an endpoint:

- A **clear diagnostic pattern** is displayed (e.g., "Pattern consistent with primary hypothyroidism").

- A **clinical note** appears in red beneath the outcome to highlight important considerations.

- Buttons allow you to:

  - **Restart the cascade**

  - **Choose a different path**

4. Clinical Use Notes

- This tool supports decision-making; it does **not** replace clinical judgment.

- Always correlate results with full clinical context, lab values, and institutional guidelines.

- Biotin use, assay interference, and non-thyroidal illness may affect interpretation.

5. Intended Users

- Residents

- Hospitalists

- Endocrinologists

- Advanced practice providers

- Any clinician evaluating thyroid-related presentations

6. Disclaimer

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