

VA Night Shift Admissions Algorithm – Quick User Guide

A concise guide on how to use the VA Night Shift Admissions Algorithm web app.

1. Enter Starting Censuses

1. Review the automatically assigned teams for tonight (e.g., *Long call – Team 2*).
 2. Enter the **starting census** for each call team:
 - Long
 - Medium
 - Post
 - Pre
 - Short
 3. Enter the **number of simulated overnight admissions** (1–40).
 4. Tap **Run algorithm**.
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2. Understanding the Results

Admission Matrix

- Shows the admission sequence in order.
- Assigned team appears next to each admission (e.g., *Long (Team 2)*).
- Neon-highlighted cells show which team received the admission.
- Census values update across the row.

Today's Call Teams

Displays the date-based rotation determining which team is Long, Medium, Post, Pre, and Short for the night.

Final Census

Shows each team's census after all simulated admissions.

Flags & Notes

- Displays **CALL CHIEF** alerts (summarized as one message even if multiple events occur).
 - Shows **capacity warnings** when teams approach or reach limits.
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3. Add the App to Your Home Screen (PWA Installation)

iPhone / iPad (Safari)

1. Open the app in **Safari**.
2. Tap the **Share icon** (square with upward arrow).
3. Tap **Add to Home Screen**.
4. Tap **Add**.

Android (Chrome)

1. Open the app in **Chrome**.
2. Tap the **: menu**.
3. Choose **Add to Home screen** or **Install App**.
4. Confirm.

Once installed, the app launches full-screen and supports **offline use**.

4. Offline Functionality

After installation, the app stores its files locally:

- Loads instantly
 - Works **without internet**
 - Ideal for hospital areas with unstable Wi-Fi
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For questions or support, contact the AI Medicine Collective.