

# VERP Explorer A Visual Micro-Foraging Analysis Tool

The image displays a medical simulation interface with a patient's vitals and treatment options on the left, and a heatmap of eye-tracking data on the right.

**Left Panel (Patient Information and Treatment):**

- Scene:** verp1.png, Eye-tracking: verp1.json, 0.000 secs.
- Search motifs:** A search bar with three motif icons.
- Scene:** A grid of icons representing different medical scenarios.
- Services:** Larry Anesthes., Kyle Surgeon, Chelsea Nurse, Danielle Tech, Robert Surgeon, Jenny Cardio, Linda Nurse, Jay Neuro.
- Treatment Options:**
  - ☐ Pulseless Electrical Activity
  - ☐ Epinephrine—1mg IV push q 2-4 mins
  - ☐ Vasopressin—consider 30 units (30 units IV (x1, could replace one specific epinephrine dose))
- H&T's:** Hypovolemia, Hypoxia, Tension pneumothorax, Thrombosis Coronary, Thrombosis Pulmonary...
- Procedure:** Gastrectomy for gastric cancer
- Allergies:** Latex
- Conditions:** Diabetes; chronic angina
- Meds:** Atenolol 50mg; NTG; Glypizide
- Surgeries:** Hip replacement (2)
- Other:** Smoked 40 packs/yr, ceased 10 yr ago; reflux; apparent gastric obstruction

**Right Panel (Heatmap):**

The heatmap shows eye-tracking data over time (0 to 45 seconds) and across a grid of 45 rows. The x-axis is labeled "time:0" and the y-axis is labeled "RP". The heatmap shows a diagonal line of white squares, indicating a path of eye movements. A cluster of red squares is visible in the upper right quadrant, indicating a specific area of focus.