



## AUTOMATIC VENTRICLE SEGMENTATION + VOLUMETRICS

CT and MRI (T1 · T1c · T2 · FLAIR) — Evans Index, volume in mL, longitudinal tracking.

**mL**

per-ROI volume

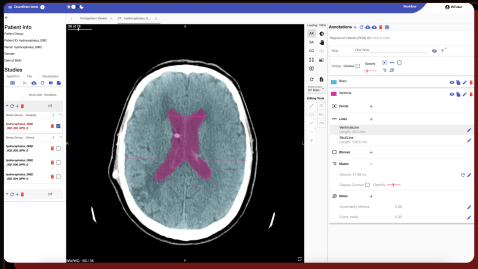
**EI**

Evans Index, callosal angle

**$\Delta t$**

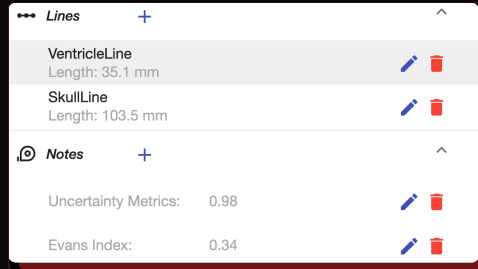
longitudinal change

### SEE THE OUTPUT



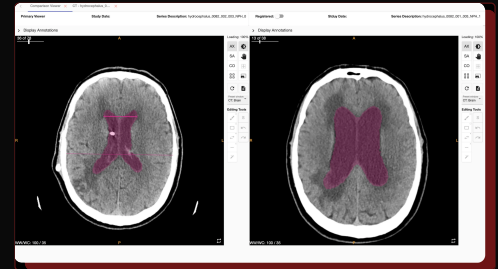
**SEGMENT**

automatic ventricle overlay on CT



**MEASURE**

Evans Index + uncertainty score



**FOLLOW**

baseline vs follow-up overlay

### CLINICAL QUESTIONS

#### **NPH**

Normal pressure hydrocephalus

Ventricular enlargement, Evans Index, callosal angle — repeatable across visits.

#### **SHUNT MONITORING**

Post-operative tracking

Quantify change after intervention; track response on a per-patient basis.

#### **NEURODEGENERATIVE**

Atrophy research cohorts

Standardized volumetrics for atrophy and ventricular enlargement studies.

### VALIDATION

**0.92**

MEAN DICE · CT

vs expert manual ground truth

**0.90**

MEAN DICE · MRI

T1, T2, and FLAIR contrasts

**4**

DISEASE POPULATIONS

normal · hydro · tumor · shunt



scan for product page

RESEARCH USE · ON-PREMISE · IRB-READY

Decision-support tool. Outputs reviewed by a qualified clinician.