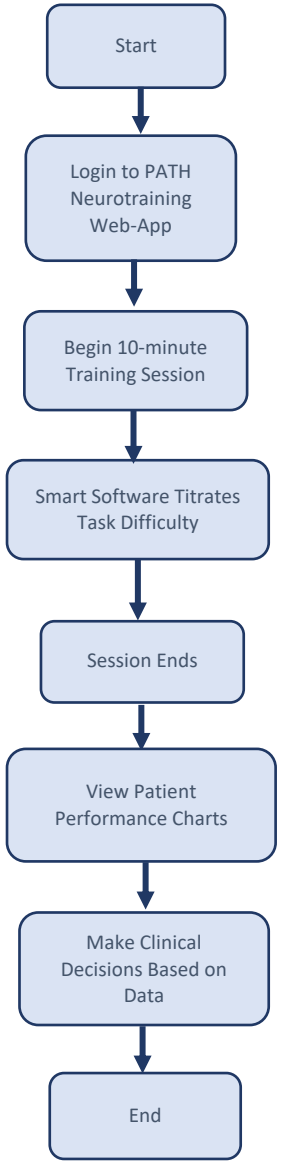
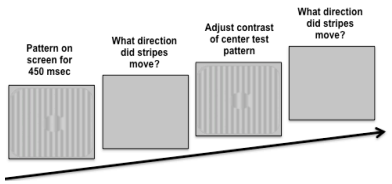
MVP: PATH Neurotraining Web-App

PATH to Reading/Insight



Task

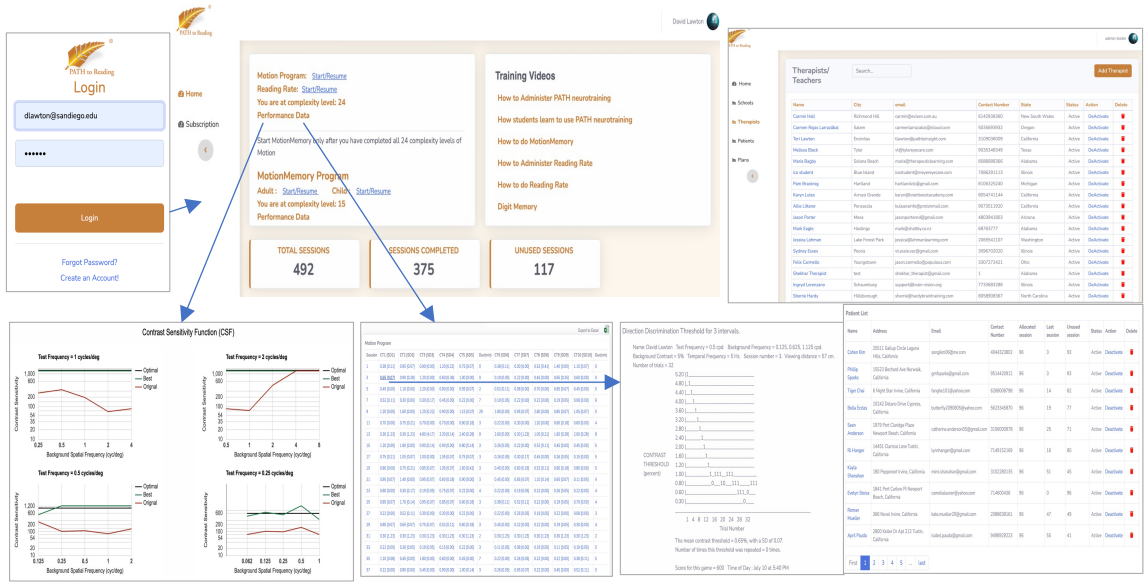


- As stripes are dimmed, do center stripes move left or right ?
- Patterns gray scale and dim ➔ strengthens motion cells, so improve relative to pattern cells (stationary background)

Functionality

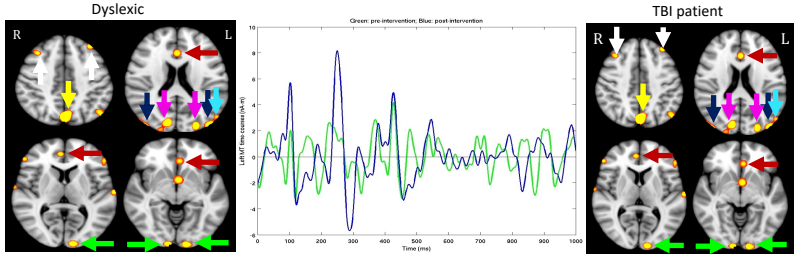
- Start with 10 minutes of PATH training to speed up brain
- More effective outcomes for cognitive training in half the time
- Speeds up brain, improving processing speed, memory, and attention, improving executive control network and reading
- Can be done in the office, and at home between office visits, so entire PATH program completed in 16 weeks
- Fast learning after see short easy-to-understand training videos
- All data HIPAA encrypted and only seen by therapist and user, so therapist can track patient progress when doing at home
- Can be used by 5 million users at the same time
- Very affordable, flexible, unlimited monthly use for each patient
- No down time, very reliable, works on all computers and tablets

PATH Neurotraining Web-App

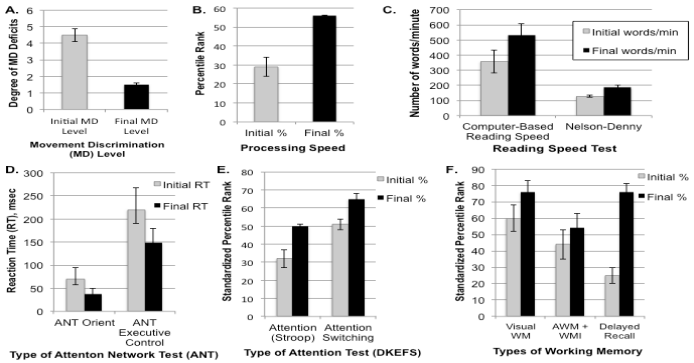


Real results are measured with each session

Substantial MEG signal increases in **Motion Networks** (V1, V3, MT, MST) and **Attention Networks** (ACC, DLPFC, VLPFC and precuneous/PCC areas) observed following training on movement-discrimination twice a week for 8 weeks.



Improvements in cognitive skills of TBI patients



- Computer-based brain training speeds up brain so rapidly and effectively improves visual and cognitive skills
- Found PATH neurotraining that improves cognitive skills:
  - Is desirable to improve practice outcomes
  - Reimbursable by insurance (CPT 97129, 97130, 97530, 97533) if are an OT, SPL, Recreational Rehab Therapist, or Neuropsychologist
- **IP protected by US and Canadian Patents and Trademarks**

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