

D.R.I.V.E and Thrive



DRIVING READINESS FOR INDEPENDENCE, V

OCATION, AND EDUCATION

More than **70,000** autistic teens transition into adulthood each year. Only about **33%** of autistic individuals obtain a driver's license, and it often takes them longer—on average two years—and many don't achieve this milestone until into their 20s. Lack of driving negatively affects their employment, college attendance, socializing and independence. **Our research found** combining an AI-based driving simulator with cognitive-behavioral strategies curriculum changed the lives of autistic individuals!



Strategies Transforming
Executive-Functioning &
Emotion Regulation
to Drive Curriculum

+



Simulator for
Advanced
Neurodiverse
Driving
Instruction

"Helped with
mental and
focusing
techniques and
sensory aids."

"It felt like
driving an
actual car!"

"Adding the driving
simulator with that
curriculum, I think,
has been like the
best pairing"

Sample = 86 autistic teens and adults across 3 states



2 Schools



2 Employment Centers

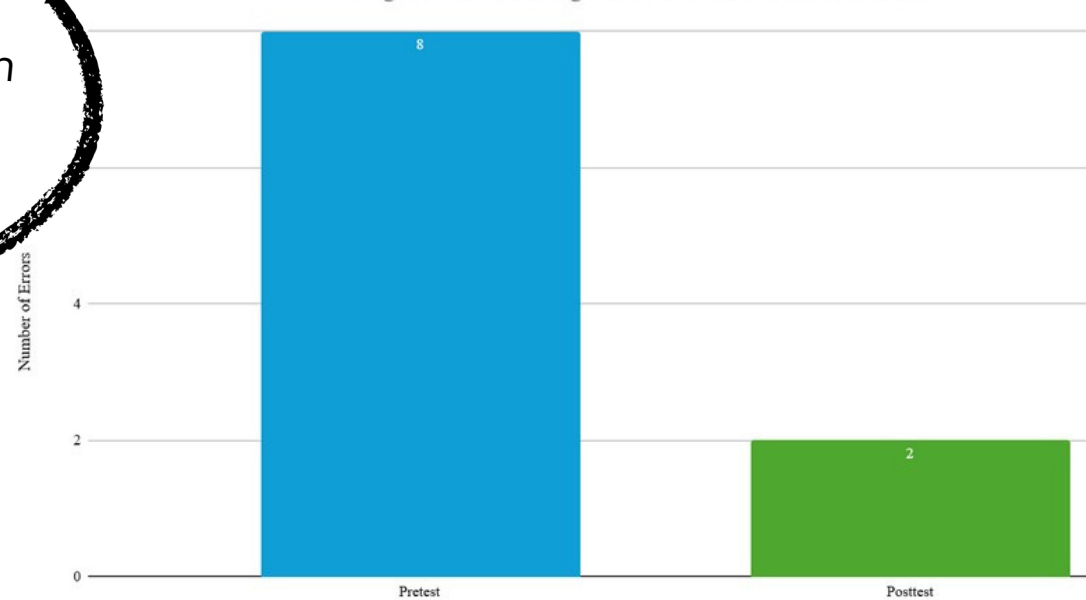


2 Clinical Sites

PARTICIPANTS WERE 15.5-35 YEARS OLD, 26% FEMALE, 73% MALE, 90% WITH ASD, 40% IN DISABILITY SERVICES, 20% IN VOCATIONAL SERVICES

DRIVING PERFORMANCE

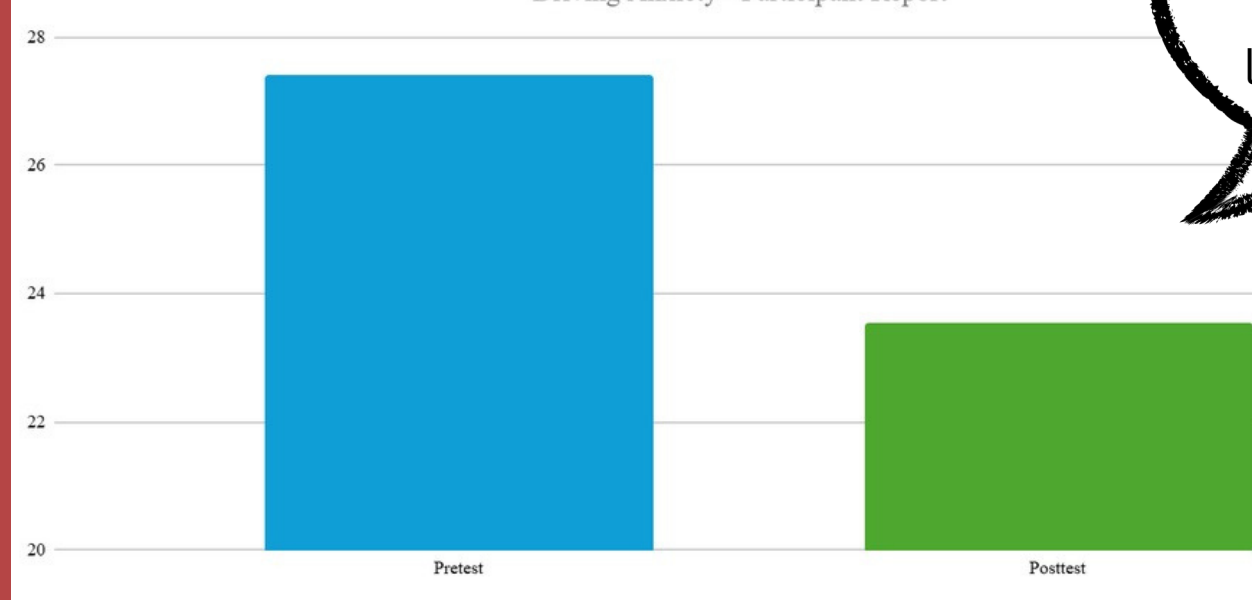
Average Simulator Driving Errors in First Drive vs. Final Drive



OF DRIVING MISTAKES

DRIVING ANXIETY

Driving Anxiety - Participant Report



TOTAL ANXIETY RATING

"I have more
confidence. I have
learned more skills in
driving. I have
become more aware
of my surroundings."

"I was scared to drive
but now I feel like
getting my driver's
license is possible."

40% participants have
permit or license
60% practicing driving
80% pursuing license
95% want to drive
by 3 months

"I can actually
operate a car
now."

86% Overall
Program
Satisfaction

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CIVIC
INNOVATION
CHALLENGE
POWERING SMART & CONNECTED COMMUNITIES

THE FRIST CENTER
FOR Autism AND
INNOVATION