

# Clinical Gaze Pattern Analysis for Autism Screening

Report Generated: 2025-12-06

### Inconclusive - Data Quality Issues (Please Retest)

Overall gaze pattern score: 50.0% (Inconclusive - Data Quality Issues (Please Retest)). The gaze patterns observed show notable differences from typical development. A comprehensive evaluation by a developmental specialist is recommended to further assess these findings.

# Detailed Analysis

## Gaze Metrics

Total Test Duration:	4.2 seconds
Total Gaze Events:	54
Valid Events:	54
Fixations Detected:	1
Mean Fixation Duration:	4168 ms
Saccades Detected:	0
Time on Target:	87.0%
Gaze Dispersion:	0.000
Preferred Region:	center

## Clinical Findings

- Reduced attention to target stimuli observed. Child may benefit from attention-focused interventions.
- Prolonged fixations observed, which may indicate perseverative tendencies.
- Difficulty with smooth visual tracking of moving objects. May benefit from visual-motor coordination activities.

## Recommendations

1. Consider comprehensive developmental evaluation by a specialist.
2. Re-screening in 3-6 months recommended to track developmental progress.
3. Attention training activities may be beneficial.
4. Visual tracking exercises recommended.