

# Clinical Gaze Pattern Analysis for Autism Screening

Report Generated: 2025-12-06

High Risk - Immediate Professional Evaluation Recommended

Attention Flexibility 0.8%

Overall gaze pattern score: 0.9% (High Risk - Immediate Professional Evaluation Recommended). Significant atypical gaze patterns were observed across multiple domains. Immediate referral for comprehensive developmental evaluation is strongly recommended.

# Detailed Analysis

## Gaze Metrics

Total Test Duration:	14.8 seconds
Total Gaze Events:	187
Valid Events:	187
Fixations Detected:	7
Mean Fixation Duration:	200 ms
Saccades Detected:	6
Time on Target:	31.0%
Gaze Dispersion:	0.166
Preferred Region:	center

## Clinical Findings

- Reduced attention to target stimuli observed. Child may benefit from attention-focused interventions.
- Limited visual exploration of the screen noted. May indicate restricted interests or attention patterns.
- 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.