

Clinical Gaze Pattern Analysis for Autism Screening

Report Generated: 2025-12-06

High Risk - Immediate Professional Evaluation Recommended

Attention Flexibility 0.5%

Overall gaze pattern score: 0.6% (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:	19.7 seconds
Total Gaze Events:	165
Valid Events:	165
Fixations Detected:	11
Mean Fixation Duration:	428 ms
Saccades Detected:	1
Time on Target:	83.6%
Gaze Dispersion:	0.177
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.