

OT Interaction

The Ford environmental chart

I must ask: what did you think of my eye chart? And what do Indian optometrists feel about it?

Advice and feedback is what i would like - this is a prototype, and it does address a "missing link" in optometry that I felt needs to be filled.

PROF BRIAN J FORD

Your email ID had been included in the coverage. Although I haven't received any comments so far, I do feel that your chart is a useful contribution to optometry, and we are reproducing the Chart in this issue of Optometry Today – Ed.

MONOCULAR VISION ASSESSMENT: ENVIRONMENTAL CHART

Brian J Ford

The progressive deterioration of vision in one eye resulting from conditions such as cataract deposition, or to corneal changes due to senile endothelial dystrophy, cannot currently be quantified. An objective means of assessment would permit the documentation of changes over time. This chart represents eight stages of deterioration, from the mere detection of the position of an unresolved window to a fully resolved view of the typical, familiar built environment. In each case an approximate intimation is provided of the degree of resolution. The clinical optmetrist could routinely apply this test during routine consultation though it could also be used by a patient at home to record changes in vision over time (for instance, during osmotic dehydration of the tumescent cornea).

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8 Detects window direction only. Resolution at 3 m = 1 m (100 cm). Resolution at 15 m = 5 m (500 cm).	7 Window with glazing bars just discernible. Resolution at 3 m = 0.5 m (500 cm). Resolution at 15 m = 2.5 m (250 cm).	6 Glazing bars and building outline seen. Resolution at 3 m = 0.25 m (25 cm). Resolution at 15 m = 1.25 m (125 cm).	5 Opposite building, vehicle visualised. Resolution at 3 m = 0.1 m (10 cm). Resolution at 15 m = 0.5 m (50 cm).
			
4 Windows, chimneys, and van discerned. Resolution at 3 m = 3 cm. Resolution at 15 m = 10 cm.	3 Tiles on roof resolved, though not bricks. Resolution at 3 m 2 cm: Resolution at 15 m≈ 5 cm:	2 Bricks, trellis and numberplate discerned. Resolution at 3 m = 0.2 cm. Resolution at 15 m= 0.5 cm.	1 Numberplate can be read BJ62 ZPY. Resolution at 3 m= 0.1 cm. Resolution at 15 m= 0.25 cm.