**SUPPLIMENTARY MATERIAL**

1. **Figure S1:** A flow chart showing the recommended procedure for testing near horizontal fixation disparity with the Mallett Unit. As per the researchers this can also be used for vertical near fixation disparity measurements with some modifications (Karania R, Evans BJW. The Mallett Fixation Disparity Test: influence of test instructions and relationship with symptoms. Ophthalmic & physiological Optics. 2006;**26**(5):507-22.) (reproduced with permission from Karania and Evans, 2006).



1. **Table S1:** The number of participants who did or did not experience an NPA, together with the possible presence of a fixation disparity (FD), for each instrument. NPA included blurring, flashing or dimming of the Nonius markers.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Symptoms and FD on Mallett Unit** | **Symptoms and no FD on Mallett Unit** | **No symptoms and FD on Mallett Unit** | **No Symptoms and no FD on Mallett Unit** |
| **Symptoms and FD on iPad** | 7 (8.75%) | 2 (2.5%) | 1 (1.25%) | 5 (6.25%) |
| **Symptoms and no FD on iPad** | 3 (3.75%) | 5 (6.25%) | 3 (3.75%) | 1 (1.25%) |
| **No symptoms and FD on iPad** | 5 (6.25%) | 1 (1.25%) | 3 (3.75%) | 5 (6.25%) |
| **No symptoms and no FD on iPad** | 2 (2.5%) | 10 (12.5%) | 18 (22.5%) | 9 (11.25%) |

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