

Red-Green DuoChrome TEST



After performing your normal monocular refraction and then binocular balance, the Red-Green DuoChrome Test is used as a final BINOCULAR power check.

- **Both** eyes are open.
- Turn **off** the room lights.
- Put up the Red-Green chart/filter over the VA chart.
- Use 20/40-20/50 (6/12-6/15) letters.
- Instruct patient to look only at letter clarity or sharpness.
- Ask patient if the Red side letters or the Green side letters are sharper or clearer.
- If the Red side letters are clearer, the patient is overplussed for distance.
- Add minus power in -0.25D steps binocularly until the first response that the Green side is clearer (“one-click into the Green.”)
- **Input** this refractive data into the NaturalVue® Multifocal QuickStart Calculator.



Reasons that your initial refraction may overplus patients for distance:

- a) Short exam room (less than 14 feet [or 4.3 meters] from chair to the physical chart/viewing mirror, even with calibrated charts/mirrors)
- b) Refracting to 20/20 (6/6) instead of 20/15 (6/4.5)
- c) Refracting habits from pushing plus with other multifocal lens designs, especially Centre Near multifocal lens designs