

# Visual Processing Evaluation

Learning problems require in-depth testing of Visual Information Processing ability. This evaluation will involve a standardised battery of tests that assesses visual perception. The results are scored at age or grade equivalent, which identifies the patient's strength or weaknesses in visual processing abilities. This is important for accurate diagnosis and effective therapeutic strategies.

Included in the evaluation are the following services

1. **INITIAL EVALUATION:** An evaluation, approximately 45 minutes. The purpose of this testing is to evaluate external and internal health, colour vision and visual field evaluation, refraction for optical prescription, and evaluation of the functional visual abilities of oculomotor control (eye-tracking), accommodative ability (focusing), binocular control (eye teaming ability), and stereopsis (binocular depth perception). (Initial evaluation \$150. Medicare Rebate from \$58.85 to \$88.20)
  
2. **SUPPLEMENTAL TESTING:** Up to two separate testing sessions, approximately 60 minutes each. The purpose of this testing is to determine how the visual system processes information, how vision integrates with the other sense modalities, and to determine whether the vision is supporting or interfering with performance to its full potential. Some of the areas that will be included include: (\$220 per visit - Medicare Rebate of \$59.05)
  - a. **Visual Discrimination:** The ability to visually discriminate similarities and differences
  - b. **Visual Memory:** The ability to remember the characteristics of a given form after a brief presentation.
  - c. **Visual-Spatial Relationships:** The ability to see differences among forms when all or a part of a form has a different spatial orientation.

- d. **Visual Form Constancy:** The ability to see the essential elements of a form, and identify them within other forms that may be smaller, larger, rotated, reversed or hidden within other designs.
  - e. **Visual Sequential Memory:** The ability to remember for immediate recall a series of forms in their specific order of presentation
  - f. **Visual Figure-Ground:** The ability to perceive a form and locate it when embedded within other forms.
  - g. **Visual Directionality:** The ability to correctly determine spatial directional properties of individuals, objects, and language symbols
  - h. **Visual-Motor Integration:** The ability to take in, analyse and reproduce visual information using paper and pen
3. **REPORT:** A comprehensive report will be prepared at the completion of this testing. This report will detail the testing performed, the specific visual abilities evaluated, and how the patient performed. It will discuss the implications of the visual dysfunction on performance in academics, sports and daily activities and will make recommendations for remediation of the visual problems. At your request, copies of the report will be made available to the school and other professionals caring for the patient.
4. **CONFERENCE:** A 30 to 40 minute, in-depth conference with the behavioural optometrist is scheduled to review the diagnostic findings, prognosis, therapeutic recommendations and to answer any questions and concerns you might have regarding the testing. We require that both parents be present at the conference. (Report and conference: \$180)

All fees must be paid prior to each service.