

Neuro-Ophthalmology

ACETYLCHOLINE RECEPTOR ANTIBODIES IN THE DIAGNOSIS OF OCULAR MYASTHENIA GRAVIS AT THE MANCHESTER ROYAL EYE HOSPITAL

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Ocular myasthenia gravis (OMG) is usually characterised by variable and fatiguable ptosis and diplopia. It is often quite difficult to diagnose, hence the need for in-depth history and examination, as well as serology and electromyography tests. In this audit, we will focus on the first line investigation for OMG which is the acetylcholine receptor antibody blood test. We will calculate its sensitivity and specificity and compare our values to those claimed by RSR who provide the kits for the ELISA tests. We will determine if the reference ranges set by the manufacturers are appropriate, or if they should be change