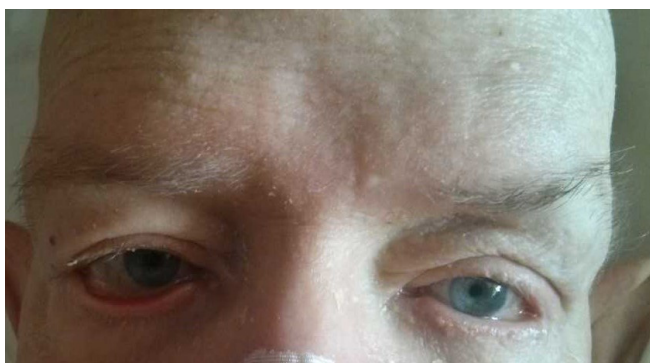


Early Responsiveness of Ocular Symptoms of Myasthenia Gravis with Plasma Exchange

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70-year-old male presented with generalized weakness, fatigue, ptosis with dysphagia and slurred speech. On exam patient had fatigable ptosis (figure 1), positive Cogan's sign, and fatigable arm weakness. Low frequency repetitive nerve stimulation of the ulnar nerve showed significant dec-



rement. His acetylcholine receptor binding antibody was elevated (not available at the time of treatment, patients' value was 0.5nmol/L, normal less than 0.02nmol/L). He was started on plasma exchange with significant improvement in ptosis with the third exchange (day 5) although he continued to have fatigable arm weakness, dysphagia and slurred speech. Eye signs are the earliest to respond early to plasma exchange especially among older seropositive patients and can be an indicator for treatment responsiveness.¹

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References

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