

E-Pearl of the Week

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Myasthenia Gravis with Anti-MuSK Antibodies

Approximately 7% of patients with myasthenia gravis (MG) have antibodies to muscle-specific tyrosine kinase (MuSK). These patients may present with typical MG, but also may present with facial weakness—sometimes with facial atrophy—in the setting of little or no ocular symptoms. MuSK patients can also present with neck extension weakness and/or prominent respiratory weakness. They almost never present with isolated ocular symptoms.

Reference

Buracchio T, Rucker JC. [Pearls and oysters of localization in ophthalmoparesis.](http://www.neurology.org/cgi/content/full/69/24/E35?maxtoshow=&HITS=20&hits=20&RESULTFORMAT=&searchid=1&FIRSTINDEX=60&displaysectionid=Resident+and+Fellow+Pages&resourcetype=HWCIT) (<http://www.neurology.org/cgi/content/full/69/24/E35?maxtoshow=&HITS=20&hits=20&RESULTFORMAT=&searchid=1&FIRSTINDEX=60&displaysectionid=Resident+and+Fellow+Pages&resourcetype=HWCIT>) *Neurology* 2007;69:E35-E40.

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