

# Diagnosis and Management of Ramsay Hunt Syndrome

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Wednesday, 20 September 2017 14:05 -

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## Abstract

**Introduction:** Ramsay Hunt syndrome is an infectious disease that is caused by varicella-zoster virus (VZV). This syndrome is caused by reactivation of the latent varicella-zoster virus in the geniculate ganglion of the facial nerve. It is characterized by the symptoms of facial paralysis, otalgia, and vesicles of the auricle or external ear canal. Diagnosis of Ramsay Hunt syndrome can be made by clinical presentation, physical examination. Some cases need a blood test for VZV antibodies and magnetic resonance imaging. Treatment of Ramsay Hunt syndrome uses a combination of antiviral drug and corticosteroid. **C**

### Case report

: A female, 35 years old with diagnosis Ramsay Hunt syndrome and had an improvement after given therapy antiviral and corticosteroid for two weeks.

### Conclusion:

Ramsay Hunt syndrome is a rare case and has poor prognosis for facial palsy. Early intervention with antiviral and corticosteroid has shown significantly improved outcome in this case.

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**Keywords:** Ramsay Hunt syndrome, antiviral, corticosteroid