



# Effective Health Care

## Palatal Myoclonus

### Nomination Summary Document

#### Results of Topic Selection Process & Next Steps

- The topic, *Palatal Myoclonus*, is not feasible for a full systematic review due to the limited data available for a review at this time.

#### Topic Description

**Nominator(s):** Individual

**Nomination Summary:** The nominator is interested in the comparative effectiveness of various treatment options for palatal myoclonus (also called palatal tremor). The nominator indicated that any procedure, surgery, or medicine that would eliminate or greatly reduce pain associated with this condition would be valuable. The patient has suffered from this condition, with little relief from various practices (e.g., acupuncture).

**Staff-Generated PICO**

**Population(s):** Patients with a diagnosis of palatal myoclonus or palatal tremor

**Intervention(s):** Surgical, non-surgical, or pharmacological treatment

**Comparator(s):** All other treatment options; no treatment

**Outcome(s):** Quality of life; symptom reduction (e.g., pain, ear aches, popping, pressure, draining)

**Key Questions from Nominator:** For patients with a diagnosis of palatal myoclonus or palatal tremor, what is the comparative effectiveness of various treatment options (surgical, non-surgical, pharmacological)?

#### Considerations

- Palatal myoclonus is a rare neurological disorder with only sparse information in the medical literature about the disorder or its management. Treatment options include botulinum toxin and oral medications such as anticonvulsants. However, there is uncertainty about what treatments are more effective.
- There were no systematic reviews found on this topic. A scan of the available literature identified only a limited literature base consisting of case studies that focused mainly on the use of botulinum toxin injections. Therefore, the topic is not feasible for a full systematic review due to the limited data available for a review at this time.