

Measure 385: Adult Primary Rhegmatogenous Retinal Detachment Surgery Success Rate

Reporting Options: Registry only

Quality Domain: Effective Clinical Care

Description: Percentage of retinal detachment cases achieving flat retinas six months post surgery

Instructions: This measure is to be calculated when a procedure for primary rhegmatogenous retinal detachment is performed in the sample during the reporting period. This measure is intended to reflect the quality of services provided for the patient receiving primary rhegmatogenous retinal detachment surgery.

Note: This is an outcomes measure and will be calculated solely using registry data. The registry will survey the patient.

- For patients who receive the surgical procedures specified in the denominator coding in the sample, it should be reported whether or not the patient achieved flat retinas after 6 months following surgery
- Include only procedures performed through June 30 of the reporting period. This will allow the post-operative period to occur before registries must submit data to CMS.

Denominator Instructions: Number of adult (aged 18 and older) primary rhegmatogenous retinal detachment cases with 6 month follow up. This measure does include patients with a history of Yag laser capsulotomy or laser surgery for diabetic or macular edema.

CPT Codes: 67113

And not

Patients with a history of prior retinal surgery, or non-rhematogenous retinal detachments, or retinal detachments of an unclear mechanism, or rhegmatogenous retinal detachments in the setting of traumatic eye injuries, or eyes with early or severe proliferative vitreoretinopathy, or patients with laser retinopexy or cryopexy for a retinal hole or tear, patients with giant retinal tears, or eyes with prior macular hole procedures.

Category II Codes:

G9378 Patient continued to have the retina attached at the 6 months follow up visit (+/- 1 month)

or

G9379 Patient did not achieve flat retinas six months post surgery

Rationale: Studies demonstrate that the success rate increases with the recognition of risk factors and the practice of retina subspecialization. International studies report primary rhegmatogenous retinal surgery success rates ranging from 64 to 91%.¹

References:

1. *MEEI Quality and Outcomes Report 2011*, Wickham, BC, Wong, D, Charteris, DG, **Retinal detachment repair by vitrectomy: simplified formulae to estimate the risk of failure**, *Br J Ophthalmology* 2011 Feb 16, Sullivan PM, Luff AJ, Aylward GW. **Results of primary retinal reattachment surgery: a prospective audit**. *Eye* 1997; 11:869-71., Day S, Grossman DS, Mruthyunjaya P, Sloan FA, Lee PP. **One year outcomes after retinal detachment surgery among Medicare beneficiaries**. *Am J Ophthalmol* 2010; 150(3):338-45, *Massachusetts Eye and Ear Infirmary, Harvard Medical School. Ophthalmology Quality & Outcomes Report 2012*
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