|  |  |
| --- | --- |
| Intervention | **Half dose Verteporfin Photodynamic therapy (PDT)** |
| For the treatment of | Chronic Central serous retinopathy (CSR) |
| Commissioning Position | This intervention is commissioned (\*) if the patient:   * meets the definition for Chronic CSR, having not resolved within 4 months AND * has worsening visual acuity (evidenced with serial visual acuity readings) AND * does not have permanent macular damage   This intervention is not commissioned for ‘Acute CSR’ or ‘Acute Persistent CSR’.    \*Use should be prioritised in line with published guidance from the Royal College of Ophthalmologists (RCOpth). The RCOpth has recommended Verteporfin be reserved for ocular oncology indications and made recommendations for prioritisation for non-ocular oncology conditions, but it is expected until supply improves, that there will be insufficient supply in the UK to allow treatment of patients with Chronic CSR. |
| Summary of Rationale | In many cases CSR resolves spontaneously within 3-6 months. In a small number of patients the symptoms persist, resulting in chronic CSR.  Good visual and anatomic results in chronic CSR have been demonstrated with Verteporfin PDT. PDT and subthreshold laser were the best treatments on probability ranking in a recent network meta-analysis. Half-dose of Verteporfin PDT is currently considered the most effective treatment option for Chronic CSR by the RCOpth.  There has been a worldwide shortage of Verteporfin since 2021, and supply is not expected to improve until 2026. |
| References | [Scenario: Confirmed AMD | Management | Macular degeneration - age-related | CKS | NICE](https://cks.nice.org.uk/topics/macular-degeneration-age-related/management/confirmed-amd/)  [Comparing interventions for chronic central serous chorioretinopathy: A network meta-analysis - ScienceDirect](https://www.sciencedirect.com/science/article/pii/S0039625723000450#abs0001)  [Clinical Prioritisation Guidance for Limited Stock of Verteporfin (Visudyne) for Photodynamic Therapy (PDT) for Central Serous Chorioretinopathy (CSR) April 2025 (RCOpth)](https://www.rcophth.ac.uk/wp-content/uploads/2023/09/Clinical-Prioritisation-Guidance-for-Limited-Stock-of-Verteporfin-Visudyne-for-Photodynamic-Therapy-PDT-for-Central-Serous-Chorioretinopathy-CSR.pdf) |
| Effective from | ?? July 2025 |
| Policy Review Date | ?? July 2028 (earlier if Verteporfin supply improves) |