- 14 **Tian Q**, Frierson HF Jr, Krystal GW, *et al*. Activating c-kit gene mutations in human germ cell tumors. *Am J Pathol* 1999;**154**:1643–7.
- 15 **Diallo R**, Rody A, Jackisch C, *et al*. C-KIT expression in ductal carcinoma in situ of the breast: co-expression with HER-2/neu. *Hum Pathol* 2006;**37**:205–11.
- 16 **Kononen J**, Bubendorf L, Kallioniemi A, *et al*. Tissue microarrays for high-throughput molecular profiling of tumor specimens. *Nature Med* 1998;**4**:844–7.
- 17 **Burnier MN**, McLean IW, Zimmerman LE, *et al*. Retinoblastoma. The relationship of proliferating cells to blood vessels. *Invest Ophthalmol Vis Sci* 1990;**31**:2037–40.
- 18 **Rossler J**, Dietrich T, Pavlakovic H, *et al*. Higher vessel densities in retinoblastoma with local invasive growth and metastasis. *Am J Pathol* 2004;**164**:391–4.
- 19 **Marback EF**, Arias VE, Paranhos A Jr, *et al*. Tumour angiogenesis as a prognostic factor for disease dissemination in retinoblastoma. *Br J Ophthalmol* 2003;**87**:1224–8.
- 20 **Kvanta A**, Steen B, Seregard S. Expression of vascular endothelial growth factor (VEGF) in retinoblastoma but not in posterior uveal melanoma. *Exp Eye Res* 1996;**63**:511–18.
- 21 **Zhang W**, Stoica G, Tasca SI, *et al*. Modulation of tumor angiogenesis by stem cell factor. *Cancer Res* 2000;**60**:6757–62.
- 22 **Litz J**, Krystal GW. Imatinib inhibits c-Kit-induced hypoxia-inducible factor-1alpha activity and vascular endothelial growth factor expression in small cell lung cancer cells. *Mol Cancer Ther* 2006;**5**:1415–22.

VIDEO REPORT

doi: 10.1136/bjo.2007.131102

Technique of amniotic membrane transplant dressing in the management of acute Stevens-Johnson syndrome

Mahiul M K Muqit, **Roger B Ellingham**, Cornea and Anterior Segment Service, York Hospital NHS Trust, York, UK
Claire Daniel, Cornea and External Diseases Service, Moorfields Eye Hospital NHS Foundation Trust, London, UK

ABSTRACT

Purpose: To report the technique of amniotic membrane transplantation dressing during the acute phase of Stevens-Johnson syndrome.

Methods: Interventional case report. We report the clinical presentation, surgical technique and clinical outcome of a patient with acute Stevens-Johnson syndrome and progressive tarsal conjunctival epithelial loss.

Results: A 10-year-old girl presented with extensive corneal, bulbar and tarsal conjunctival epithelial loss and severe ocular pain during the acute phase of Stevens-Johnson syndrome. Fornix cleaning and daily rodding was not tolerated, and there was no response to medical drug therapy. Emergency amniotic membrane transplant surgery was performed in both eyes. The conjunctival epithelium recovered completely and the ocular surface remained moist. There was almost complete resolution of ocular pain in the immediate postoperative period. There were no surgical complications and no signs of ocular cicatrisation after 6 months.

Conclusions: In the acute phase of severe Stevens-Johnson syndrome, conservative measures of daily fornix cleaning and rodding may not be practical. AMT dressing may be successfully used to reduce ocular inflammation, promote epithelialisation and prevent ocular cicatrisation.

Correspondence to: Mahiul M K Muqit, York Hospital NHS Trust, Wigginton Road, York YO31 8HE, UK; mmmk3@aol.com

To view the full report and accompanying video please go to:
<http://bj.bmj.com/cgi/content/full/91/11/1536/DC1>

All videos from the **BJO video report collection** are available from:
<http://bjo.bmj.com/video/collection.dtl>