in a rabbit model, we did not encounter side effects in our patient. The favourable outcome of the case presented suggests that topical amikacin should be considered an effective and safe drug for the treatment of Nocardia keratitis.

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**Recurrent systemic B cell lymphoma of the iris**

**Editor,** Recognised clinical findings of intraocular lymphoma include uveitis, solid retinal pigment epithelial detachments, diffuse retinal and choroidal infiltrates, retinal haemorrhage, perivasculitis, retinal necrosis, and optic neuritis.1 Anterior uveitis secondary to posterior segment intraocular lymphoma is recognised, but isolated primary or recurrent iris lymphoma is rare. We report a case of non-Hodgkin's lymphoma involving only the iris.

**CASE REPORT**

A 25-year-old white woman reported blurred vision in the right eye for 3 weeks. Eighteen months earlier, she had presented with a right seventh nerve palsy and was found to have a right nasopharyngeal and parapharyngeal mass extending posteriorly to the right carotid sheath with perineural spread. Biopsy revealed diffuse large B cell lymphoma and lumbar puncture was positive for malignant lymphocytes. She was managed with systemic cyclophosphamide, vincristine, and doxorubicin, and intrathecal methotrexate and cytarabine, followed by external beam radiotherapy to the nasopharyngeal area with eye shielding. At completion of therapy, all repeat studies including cerebrospinal fluid examination were normal and she remained in remission until presentation 18 months later.

On examination, the visual acuity was 20/30 in the right eye and 20/20 in the left. Intraocular pressures were 16 mm Hg in both eyes. The left eye was normal, the right showed central corneal oedema with fine diffuse keratic precipitates and moderate cells and flare in the anterior chamber. The entire right iris was thickened and a diffuse solid mass was present superiorly (Fig 1). There was noticeable iris heterochromia, with the right iris brown and the left iris blue. Ectropion uvea was present superiorly, but there was no neovascularisation or lens abnormality. The posterior segment examination was unremarkable. Systemic examination was normal.

Uncomplicated fine needle aspiration biopsy of the solid mass was performed via a superior temporal approach. Cytological evaluation of the specimen showed the presence of large atypical lymphocytes, morphologically compatible with non-Hodgkin's lymphoma. Immunocytological studies revealed positive staining of the cells for CD20 (L26) (Fig 1: inset), a pan B cell marker, and negative staining for CD45RO (UCHL1), a pan T cell marker. The patient underwent anterior external beam radiotherapy to the right iris, receiving 1800 cGy in 11 equal fractions. Three months later, the visual acuity was 20/20 and there was no thickening of the iris in the right eye, although the iris was less mobile than the left and there was some persistent ectropion uvea of the pupillary margin (Fig 2).

**COMMENT**

Anterior segment intraocular lymphoma in the presence of a normal fundus is rare. The first case reported was one in which an iris nodule was confirmed to be a lymphomatous lesion histopathologically after enucleation.2 To our knowledge, six other cases have been fully reported,3-5 two presenting with non-granulomatous uveitis,4 one with neovascular glaucoma,3 and three with diffuse iris thickening.3 In all six cases, as well as in this case, the iris lymphoma was associated with systemic non-Hodgkin's lymphoma, which had been previously diagnosed in five, rather than primary CNS lymphoma. This is not surprising as systemic lymphoma is typically associated with uveal tract ocular involvement, whereas primary CNS lymphoma frequently involves the retina and optic nerve. However, it was unusual that all four of the six cases that reported cell type were T cell lymphoma3 since only 5% of systemic lymphoma is of T cell or mycosis fungoides origin. As more cases of iris lymphoma are categorised accurately by immunofluorescent cell surface marker antigens, and as our case suggests, B cell iris lymphoma may be diagnosed more frequently. The mechanism of involvement of the right iris from the ipsilateral nasopharynx could have included direct extension along the sympathetic chain, CNS spread secondary to perineural involvement, or metastasis.

Three reported patients were treated with systemic chemotherapy,3' 4 two because of simultaneous recurrence of systemic lymphoma,3' 2 were enucleated,3 and one was treated with external beam radiotherapy.5 One patient treated by systemic chemotherapy had progression of the ocular lesion but the other three cases treated conservatively regressed after therapy.

While combination chemotherapy is indicated for iris lymphoma with systemic involvement, we suggest external beam radiotherapy may be justified in isolated ocular cases. Radiation induced cataract is expected although this may not be a major consideration if life expectancy is short.

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**Treatment of subfoveal pigment epithelial detachments with distant extrafoveal choroidal neovascular membranes**

**Editor,**—Subfoveal retinal pigment epithelial detachments, larger than 1 disc diameter in patients over the age of 55 have a poor visual prognosis. Laser photocoagulation of a contiguous extrafoveal choroidal neovascular membrane sometimes causes flattening of a retinal pigment epithelial detachment and...