PHOTO QUIZ

A young man with vision loss: keep your eyes open for a rare cause

S. Boudewijns*, S.E.J. Kaal, R.H.T. Koornstra

Department of Medical Oncology, Radboud University Medical Centre Nijmegen, the Netherlands,
*corresponding author: tel.: +31(0)24-3610353, fax: +31(0)24-3615025,
email: Steve.Boudewijns@radboudumc.nl

CASE REPORT

A 19-year-old Caucasian male with no previous medical history, presented to our outpatient clinic with a one-week history of pain, redness and decreased visual acuity (1/60) of the right eye. Fundoscopy showed a large subretinal lesion with subretinal fluid accumulation (figure 1). On further physical examination an elastic swelling with a diameter of 10 mm was found on his back. He had also had an enlarged right testicle for as long as he could remember, and he had not noticed a difference in the last five years. Initial laboratory investigations showed a slightly elevated lactate dehydrogenase (282 IU/l). B-scan ultrasonography of the eye revealed an irregular, medium-high reflective choroidal tumour with a diameter of 20 mm and a thickness of at least 12 mm. Computed tomography of chest and abdomen showed multiple intra-pulmonary lesions, suspected for metastases. Magnetic resonance imaging of the brain showed an intraocular mass of the right eye with haemorrhage (figure 2) and an intracerebral lesion.

WHAT IS YOUR DIAGNOSIS?

See page 259 for the answer to this photo quiz.

Figure 1. Fundoscopy, a large subretinal lesion with subretinal fluid accumulation and retinal detachment

Figure 2. Head MRI (T1-sequence), an intraocular mass of the right eye with probable haemorrhage