the scarring and the accumulation of mucopolysaccharide material proximal to a possible local enzyme block.

The treatment of acromesomelic dysplasia is directed toward the specific symptom and physical characteristics seen in each patient. Treatment may require the coordinated efforts of a team of specialists such as pediatricians, orthopedists, physical therapists, and ophthalmologists.¹⁻³ Ophthalmic treatment includes corrective lenses for errors of refraction and polarized lenses for symptoms of glare. The patient still has good visual acuity and keratoplasty is, therefore, not indicated yet. Follow-up is necessary to assess the progression of the disease and to decide on appropriate management of symptoms.

References

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FROSTED-BRANCH angiitis is a rare form of retinal vasculitis characterized by white perivascular sheathing of retinal blood vessels. The first case reported in 1976 involved a 6-year-old boy who had severe white sheathing of all retinal vessels presenting an appearance similar to the frosted branches of a tree.¹ Affecting more males (52%) than females (48%), frosted-branch angiitis is mostly seen in children and young adults. It usually affects individuals 6 to 16 years old in Japan and 23 to 29 in other countries. It is typically bilateral although unilateral cases have been reported.

This case involved a 42-year-old male who consulted at the University of the Philippines-Philippine General Hospital (UP-PGH) because of a 4-month history of progressive blurring of vision in the left eye. Visual acuity was 20/20 for the right eye and 20/40, improved to 20/25 on pinhole, for the left eye. Intraocular pressures were within normal limits for both eyes (OU). The anterior segment was normal.

Indirect ophthalmoscopy for the right eye was normal. The left eye, seen through a hazy medium, showed dilated and tortuous retinal veins with perivascular sheathing peripherally. There were some intraretinal foci of inflammation with scattered hemorrhages mostly in the inferior nasal periphery, and numerous vitreous opacities.

Fluorescein angiography (FA) of the left eye showed dilated veins with leakage of dye from the retinal vessels on late phase and multifocal areas of perivenular staining. There were areas of capillary nonperfusion on the inferonasal arcade with foci of hyperfluorescence. Systemic work-up for possible etiology and polymerase chain reaction of the aqueous humor yielded negative results.

It is still unclear whether frosted-branch angiitis is a unique disease entity by itself or a clinical presentation resulting from several causes as reported by Kleiner.² Its characteristic features are:³

• Severe sheathing of retinal vessels appearing like frosted branches of a tree in one or both eyes;
• Acute visual disturbance associated with signs of anterior-chamber and vitreous inflammation;
• FA demonstrates no occlusion or stasis of sheathed vessels, but late staining and/or leakage along vessels;
• Otherwise healthy patient;
• Prompt response to corticosteroid;
• Typically no recurrence.

In 1998, Kleiner et al.⁴ classified the disease into 3 subgroups: idiopathic, those associated with hematologic malignancies like leukemia and lymphoma, and those caused by viral infection or autoimmune disease. Most cases of frosted-branch angiitis are idiopathic, as in the case of our patient. An immune-mediated mechanism is believed to be the main cause as evidenced by localized ocular vasculitis sparing other organs. This

FROSTED-BRANCH angiitis

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ABSTRACT

Objective
To report a case of frosted-branch angiitis.

Method
This is a case report of frosted-branch angiitis seen at the University of the Philippines–Philippine General Hospital.

Results
A 42 year-old male presented with progressive blurring of vision of the left eye. Indirect funduscopy showed dilated retinal veins with perivascular sheathing, giving the appearance of frosted-branches of a tree.

Conclusion
Frosted-branch angiitis is a rare form of retinal vasculitis with various etiologies. Despite the severe retinal appearance, the prognosis is usually good, with rapid recovery of visual acuity after prompt steroid treatment.
A mysterious case of bilateral stromal keratitis

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ABSTRACT

Objectives
To describe a rare case of bilateral stromal keratitis and demonstrate the effectiveness of penetrating keratoplasty in the management of toxocara keratitis.

Method
This is a case report.

Results
A 53-year-old male farmer had a 10-month history of bilateral corneal opacity, photophobia, redness, foreign body sensation, and eye pain. The diagnosis was central microbial keratitis with the following etiologies considered: Epstein-Barr virus, herpes simplex, fungal, syphilis, tuberculosis (TB), myobacteria other than TB, and acanthamoeba. Despite treatment with topical steroids and antibiotics, both eyes worsened. Penetrating keratoplasty markedly improved the patient’s visual acuity. Histopathology of the left corneal button revealed toxocara keratitis.

Conclusion
Good history taking, complete systemic and ocular examinations, and a histopathology of the corneal tissues are vital to the diagnosis of toxocara keratitis. Penetrating keratoplasty was shown to be effective in its management. Emphasis is given on prevention to decrease the incidence of the disease.

TOXOCARA keratitis is one of the many presentations of ocular toxocariasis. It results from invasion of the eye by the roundworm toxocara canis, a parasite that completes its life cycle in dogs and other canids, via the hematogenous route.

Only 2 cases of toxocara keratitis have been reported. Baldone and colleagues reported the presence of a nematode larva with the morphological appearance of toxocara in the corneal stroma. However, no histopathologic examination was done because the larva was moving too swiftly to be surgically removed. The second case was the only one in a study by J. Altcheh et al.