A 24-month-old full-term boy with a history of high myopia was brought to the ophthalmology clinic. Cycloplegic spherical power was −10.00 diopters and −9.50 diopters in the right and left eye, respectively. Ophthalmoscopic examination showed widely distributed medullated nerve fibers in the posterior pole of the fundus. Optical coherence tomography confirmed a thick retinal nerve fiber layer in the posterior pole of the fundus The boy once underwent RetCam (Natus Medical) fundus examination at 6 months of age. At that time, there was only a small area of perioptic medullated nerve fibers. The images at the 2 time points indicate progression of myelinated nerve fibers from age 6 months to 24 months. There was no history of surgery, congenital ocular or systemic abnormalities, and no family history of medullated nerve fibers in the eye.