A 21-month-old with Moebius syndrome presented with parental concern of increased right eye rubbing. The eyes had symmetricmoderate conjunctival injection, with 6-8 mm lagophthalmos bilaterally. Examination under anesthesia revealed a soft eye with shallowanterior chamber, and a 5 4 mm, minimally opaque cystic protuberance in the right nasal cornea that was subtlety Seidel-positive (A, B).Intraoperative OCT demonstrated large cystic fluid cavities throughout the effected corneal stroma, with communication to the anteriorchamber (C). A therapeutic penetrating keratoplasty was performed, and Gram stain of the corneal button as figure (D).