

Ophthalmic Images

Jellylike Bumps on Scleral Contact Lens of a Child Aged 13 Years

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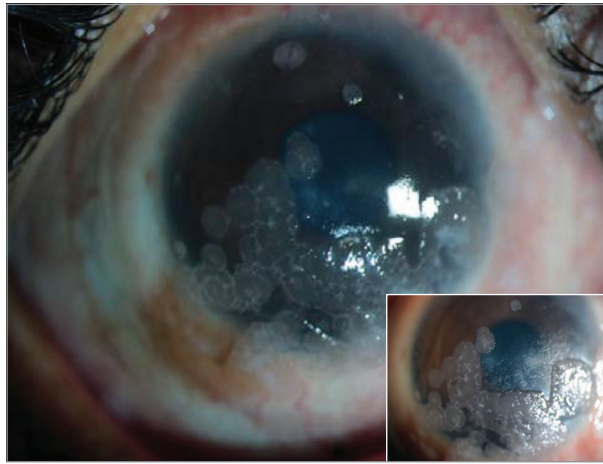


Figure. Jellylike bumps on a scleral contact lens. Diffuse slitlamp images showing jellylike bumps on front surface of a scleral contact lens.

A 13-year-old female child with a history of scleral contact lens use in both eyes presented with complaints of diminished vision and irritation in the right eye for the past 3 months. She had bilateral keratoconus with vernal keratoconjunctivitis. Her best-corrected visual acuity (VA) was 20/100 OD with the scleral contact lens. Slit-lamp biomicroscopy revealed multiple raised bumps penetrating the front surface of the contact lens (**Figure**). The lens was discarded, and a new lens trial improved the VA to 20/30 OD.

Jellylike bump deposits, also known as mulberry spots or lens calculi, are usually composed of cholesterol and waxy esters.^{1,2} Reduced aqueous tear layer with lipid stranding on the lens surface, contact lenses with high water content, and improper contact lens handling and care can result in jellylike bump formation.² Removal of jellylike bumps is difficult as their foundation forms within the lens matrix.² Frequent replacement of scleral contact lenses is a practical way to avoid associated complications.

ARTICLE INFORMATION

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future. *Cont Lens Anterior Eye*. 2012;35(2):53-64. doi:10.1016/j.clae.2011.12.005

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