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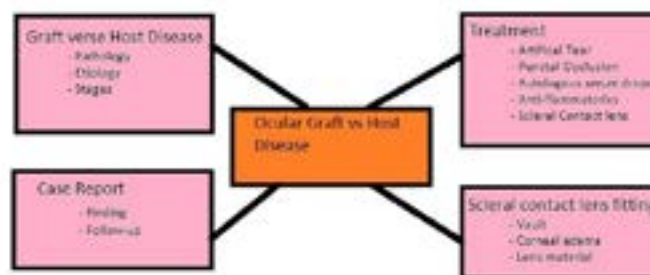
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Ocular graft-versus-host disease and treatment with scleral contact lenses

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Over the past several decades, hematopoietic stem cell transplantation (HCT) has become the routine treatment for a number of hematological disorders (e.g., leukemia, lymphoma), as well as treatment for some autoimmune diseases and inherited metabolic disorders. One possible complication after stem cell transplantation is graft versus-host disease (GVHD), an inflammatory condition that can affect many different organs, including the eyes. Ocular manifestations of GVHD are common and can significantly decrease quality of life. Without a basic understanding of ocular GVHD, the condition can be challenging to diagnose and adequately treat. This lecture summarizes the basics of HCT and ocular GVHD, and gives an example case of ocular GVHD treated with scleral lenses.



Ocular Graft vs Host Disease

Recent Publications:

1. S Z and Aylward J (2017) A review of ocular graft-versus-host disease. *Optom Vis Sci.* 94 (5): 545-55.
2. Otchere H, Jones L and Sorbara L (2017) Effect of time on scleral lens settling and change in corneal clearance. *Optom Vis Sci.* 94 (9): 908-13.
3. Balasubramaniam S C, Raja H, Nau C B, et al. (2015) Ocular graft-versus-host disease: A review. *Eye Contact Lens.* 41 (5): 256-61.
4. Nassiri N, Eslani M, Panahi N, et al. (2013) Ocular graft-versus-host disease following allogeneic stem cell transplantation: A review of current knowledge and recommendations. *J Ophthalmic Vis Res.* 8 (4): 351-58.
5. Filipovich A H, Weisdorf D, Pavletic S and et al. (2005) National Institutes of Health Consensus Development Project on criteria for clinical trials in chronic graft-versus-host disease: I. Diagnosis and staging working group report. *Biol Blood Marrow Transplant.*

Biography

Evan J Kaufman got his undergraduate degree from Southern Illinois University. He then went on to earn his doctorate at the Indiana School of Optometry. After graduation, he continued his education and completed a residency in ocular disease at the University of Kentucky. He is an adjunct clinical instructor at the New England College of Optometry. He is expertise in Blepharitis, Conjunctivitis (Pink Eye), Farsightedness (Hyperopia), Glaucoma, Nearsightedness, Astigmatism, Eyelid Swelling, Eye Care.