

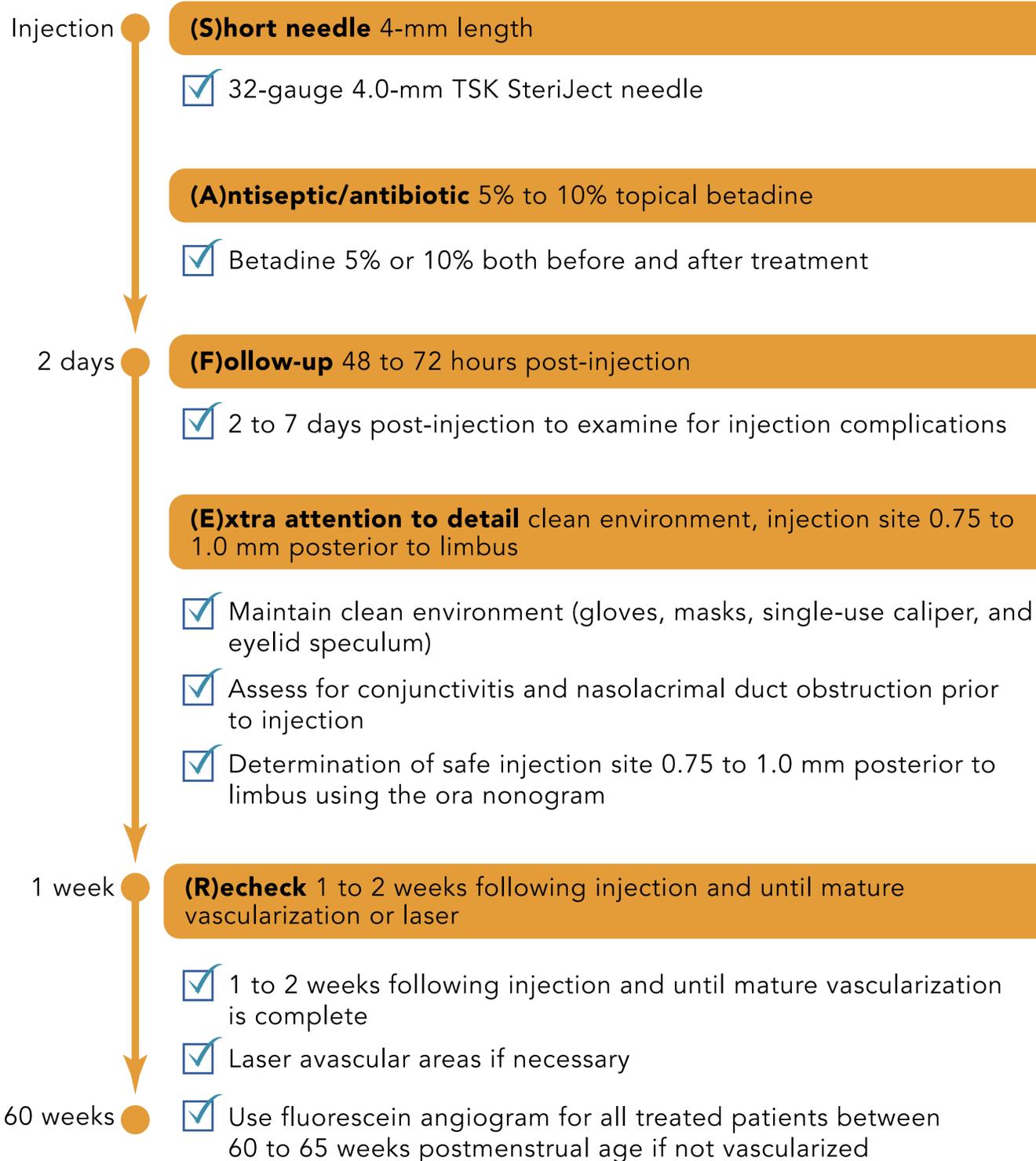
# SAFER-ROP: Updated Protocol for Anti-VEGF Injections for Retinopathy of Prematurity

Beck KD, Rahman EZ, Ells A, Mireskandari K, Berrocal AM, Harper CA 3rd. *Ophthalmic Surg Lasers Imaging Retina*. 2020;51(7):402-406. doi:10.3928/23258160-20200702-05

Retinopathy of prematurity (ROP) is one of the leading, yet treatable causes of childhood blindness in the United States and worldwide. This study describes a safe and dependable protocol for intravitreal anti-vascular endothelial growth factor injections to treat ROP.



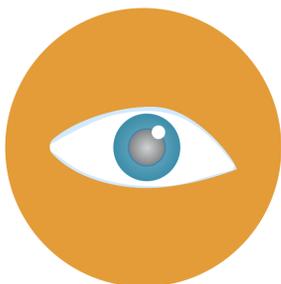
SAFER is an acronym used to describe the injection protocol for the treatment of retinopathy of prematurity (ROP).



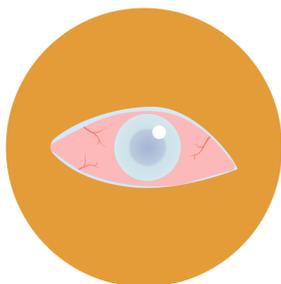
No cases of cataract formation, endophthalmitis, or vitreous hemorrhage using this technique were reported in a recent retrospective chart review.

Both Austin Retina Associates and Bascom Palmer Eye Institute safely performed this technique employing the 4-mm, 32-gauge needle with 220 infants enrolled in the study.

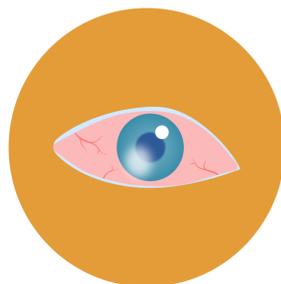
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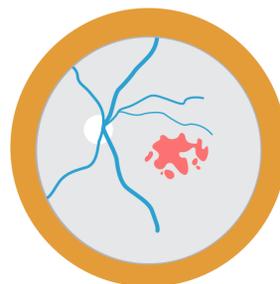
Cataract



Endophthalmitis



Corneal infection



Vitreous hemorrhage



## Conclusions

**This protocol is a safe way to inject anti-vascular endothelial growth factor and to monitor ROP progression following injection.**