# **Early Adoption of Triamcinolone Acetonide Suprachoroidal** Injection for Uveitic Macular Edema: A Physician Survey

**Contact information:** 

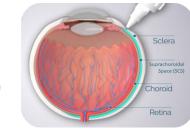
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## **Introduction**

- Suprachoroidal administration of triamcinolone acetonide injectable suspension (SCS-TA, XIPERE®) provides targeted steroid delivery to the choroid/retina while minimizing drug exposure in non-target tissues.1
- SCS-TA was approved by the FDA for the treatment of macular edema (ME) associated with uveitis in Oct 2021.<sup>2</sup>





- The safety and efficacy of SCS-TA for treatment of ME associated with uveitis was previously demonstrated in the PEACHTREE study. 3
- We evaluated perceptions of and early experience with the injection procedure among early adopters of SCS-TA along with patient outcomes.

# Methods

Retina/uveitis who specialists had completed ≥10 suprachoroidal injections of SCS-TA were eligible to participate in virtual meetings in which they discussed a series of pre-defined survey questions probing their experience. The survey was sent to participants ahead of the meeting and included 37 questions spanning patient selection, the suprachoroidal injection procedure, patient outcomes and overall satisfaction. Survey responses, including additional response detail garnered during virtual meetings, were pooled and summarized descriptively.

### Results

12 retina/uveitis specialists participated 243 SCS-TA-treated patients (avg 20)

43 patients requiring re-injection (avg 4)

≥291 suprachoroidal injections (avg 24)

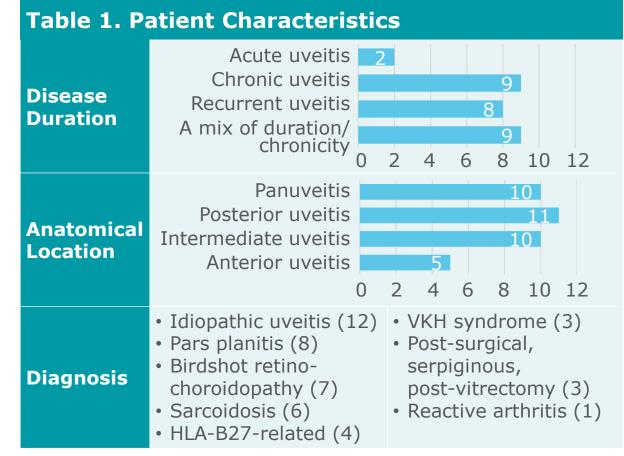
#### REFERENCES

1. Habot-Wilner Z, Noronha G, Wykoff CC. Suprachoroidally injected pharmacological agents for the treatment of chorioretinal diseases: a targeted approach. *Acta Ophthalmol.* 2019;97(5):460-472. **2.** XIPERE® (triamcinolone acetonide injectable suspension), for suprachoroidal use [package insert]. Bridgewater, NJ: Bausch & Lomb Americas Inc.; 2022. 3. Yeh S, Khurana RN, Shah M, et al. Efficacy and safety of suprachoroidal CLS-TA for macular edema secondary to noninfectious uveitis: Phase 3 randomized trial. *Ophthalmology.* 2020;127(7):948-955.

#### **ABBREVIATIONS**

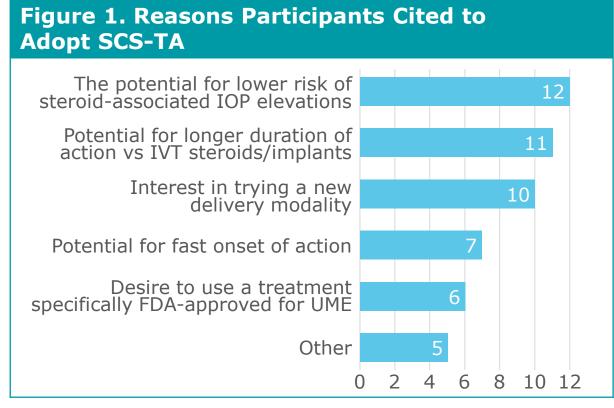
CME, cystoid macular edema; CST, central subfield thickness; FDA, ÚS Food and Drug Administration; IOP, intraocular pressure; IVT, intravitreal; ME, macular edema; SCS-TA, suprachoroidal triamcinolone acetonide; UME, uveitic macular edema; VKH, Vogt-Koyanagi-Harada

 Uveitis patients had various disease durations, anatomical involvement and etiologies, and some were treated for post-surgical CME (**Table 1**)

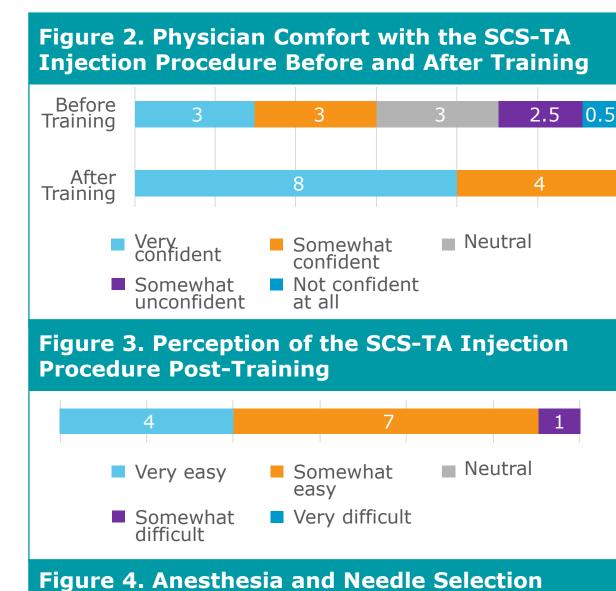


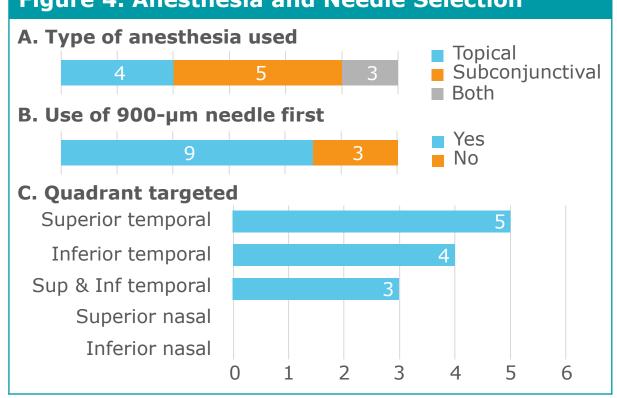
Data are number of participants giving that response

- Patients had varying demographic characteristics and most had significant comorbidities
- Few were new to UME treatment, and most were on concurrent uveitis medications
- The most common reason to adopt SCS-TA was the potential for lower steroid-associated IOP elevations (**Figure 1**)

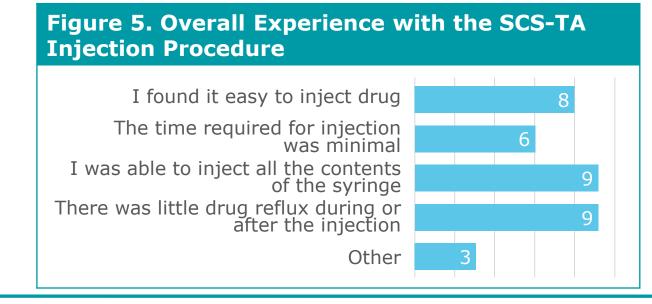


- Most participants were somewhat/very confident about the SCS-TA injection procedure before training and even more so after (**Figure 2**)
- 92% of respondents felt the injection procedure was somewhat/very easy after training (**Figure 3**)
- Most (75%) felt comfortable with the procedure after 2-5 injections
- Respondents most commonly used subconjunctival anesthesia, and 75% used the 900-µm needle first, targeting temporal quadrants (**Figure 4**)





 Most respondents rated the SCS-TA injection procedure as slightly or moderately more difficult than intravitreal injections (11/12) or implants (10/12) but reported positive overall experiences (**Figure 5**)

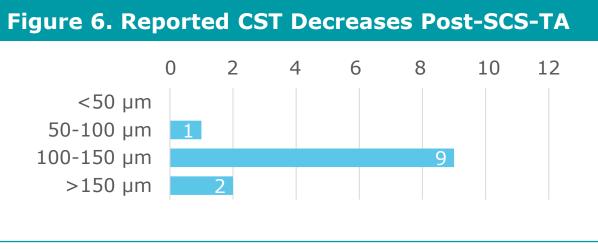


# 2-3 lines of vision gained (most respondents)

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# CST reduced by ≥100-150 µm (92% of respondents)

- Most respondents recalled patients gaining 2-3 lines of **vision** at approximately 4-6 weeks post-injection
- 92% of respondents reported CST reduced by 100-150 μm or more (**Figure 6**)



• 92% of respondents were satisfied with SCS-TA treatment (Figure 7)



- Respondents expressed interest in using SCS-TA in
- Patients post-UME surgery
- Steroid responders
- Younger patients

## **Conclusions**

- Perceptions and experiences of early adopters with treatments involving new delivery techniques can reveal educational gaps and provide real world evidence.
- Findings from this survey of early adopters of SCS-TA suggest suprachoroidal injection was easy to learn and resulted in patient improvements in vision and in macular edema aligned with findings in clinical registrations trials.