

Real World Early Physician Experience Using an Intracanalicular Dexamethasone Insert to Treat Post-Operative Ocular Inflammation and Pain

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FINANCIAL DISCLOSURES

John D. Stephens, MD (Presenting Author), Jay C. Bradley, MD, Brian B. Foster, MD, and Richard A. Lehrer, MD, were participants in the surveys.

Alyssa M. Montieth; Srilatha Vantipalli, PhD; Jamie Lynne Metzinger, MPH; and Michael H. Goldstein, MD, MBA are employees of Ocular Therapeutix, Inc.

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Introduction and Rationale

DEXTENZA (dexamethasone ophthalmic insert) 0.4 mg

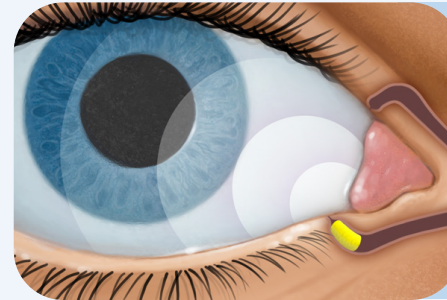
- Intracanalicular, sustained-release, bioresorbable, hydrogel-based insert that releases dexamethasone over 4-weeks¹
- FDA-approved for treating of ocular inflammation and pain following ophthalmic surgery¹
- The Early Experience Program collected initial user experience and feedback with DEXTENZA in cataract surgery patients

Due to structural and physical differences between punctal/canalicular plugs and DEXTENZA, we aimed to evaluate the learning curve for the administration of DEXTENZA



Activates:^{1,2}

- With moisture
- Swells to fit in the canaliculus



Releases:^{1,2}

- Dexamethasone for up to 30 days



Resorbs:^{1,2}

- Slowly through the course of treatment
- Clears via the nasolacrimal duct

Methods: Study Design

Phase 4 Experiential Cross-Sectional Survey Study

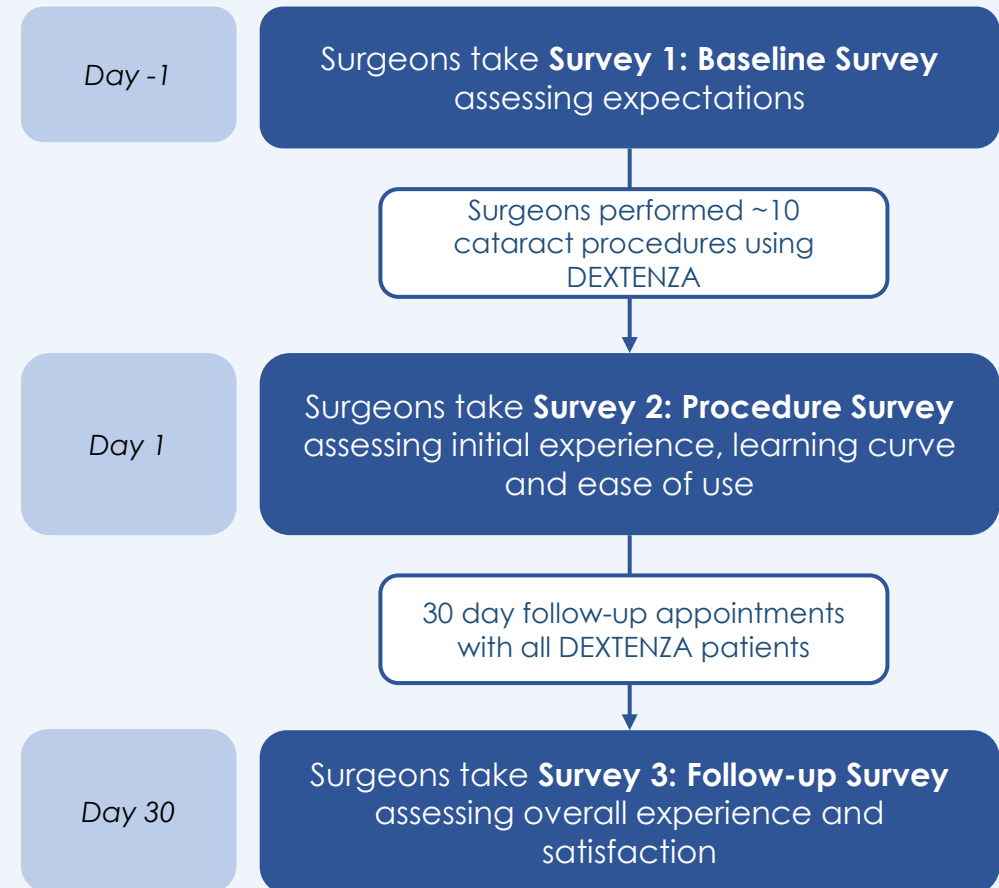
Survey Respondents

- Physicians who participated in the Early Experience Program with **no prior experience** using DEXTENZA in cataract surgery patients
- Represented 23 US practices, including ambulatory surgical clinical settings and outpatient clinical settings

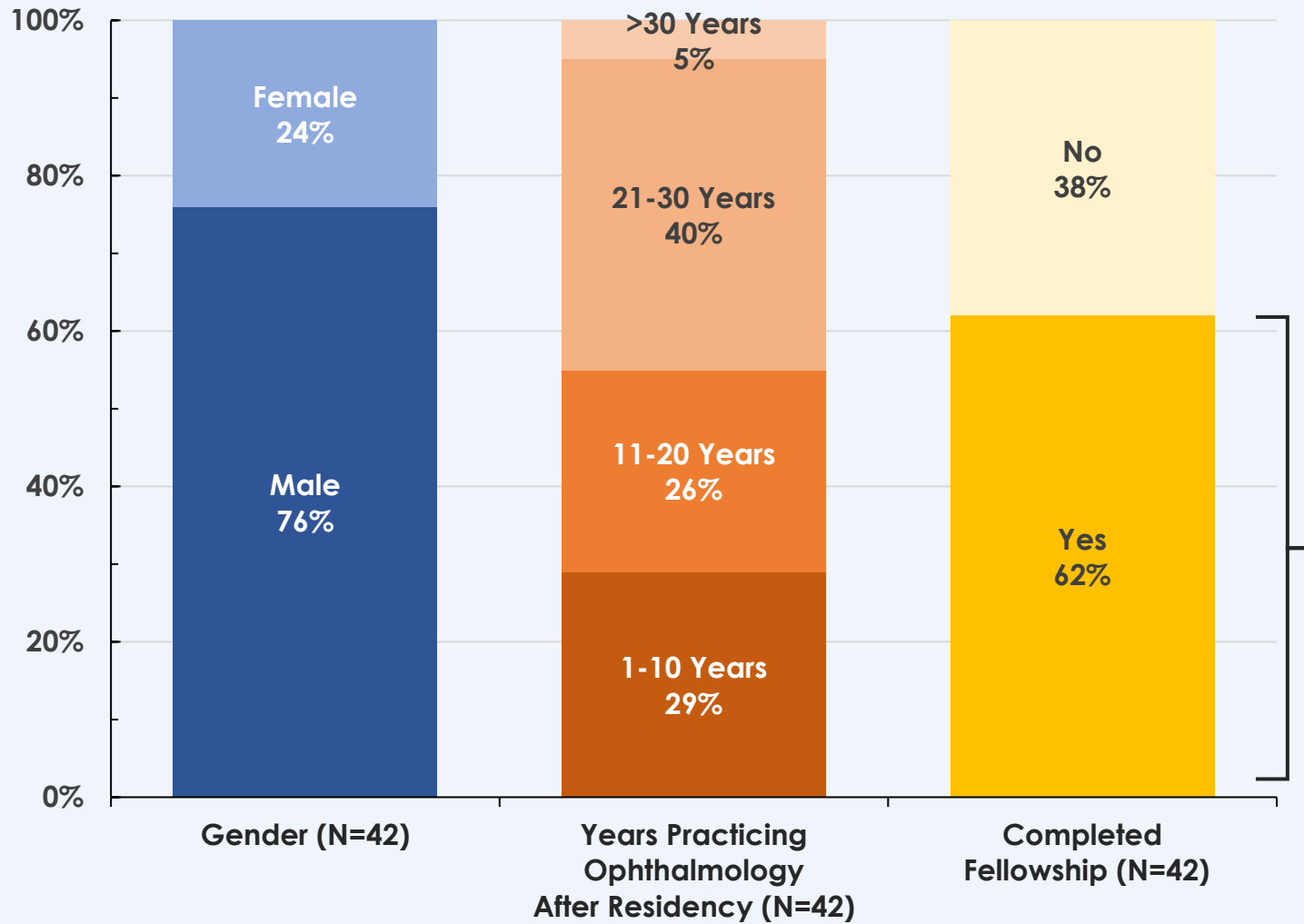
Data Analysis

- Descriptive statistics summarized responses to determine:
 - Number of insertions required before becoming comfortable
 - Incremental burden on staff time and logistics
 - Overall physician satisfaction

The study was comprised of 3 sequential online physician surveys



Physician Demographics



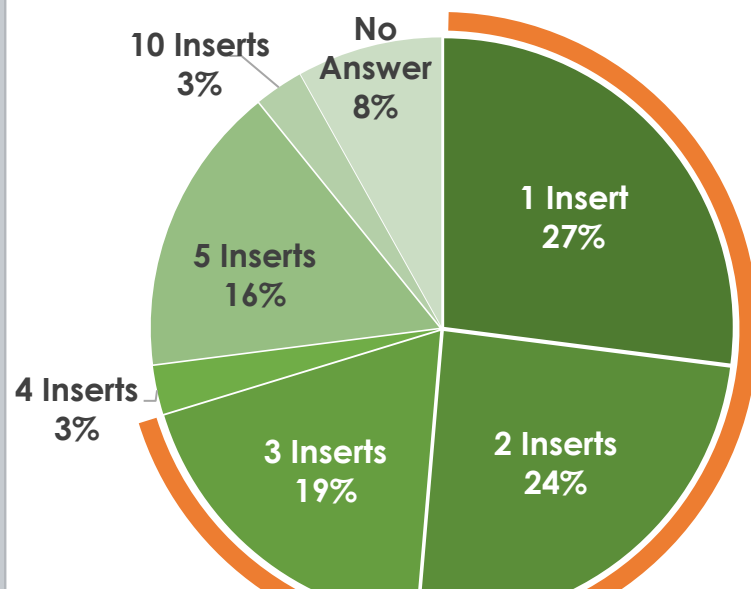
Fellowship specialty area*, n (%)	N=26
Cornea	21 (81)
Refractive surgery	12 (46)
Glaucoma	6 (23)
Other	3 (12)

*survey participants were allowed to select more than one specialty area

On Average, Physicians were Comfortable Placing DEXTENZA After 3 Inserts

Overall, 90% of physicians were comfortable using DEXTENZA

Number of DEXTENZA Insertions Prior to Becoming Comfortable (n=34)

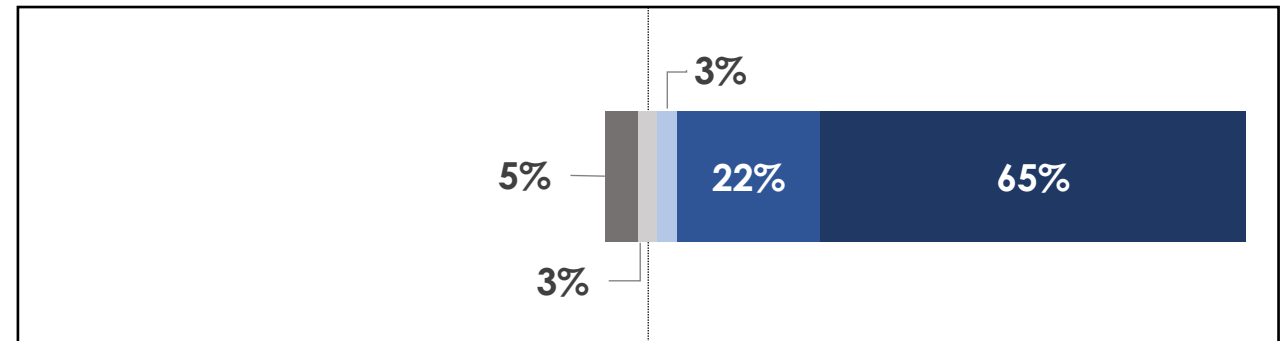


70% of Physicians were Comfortable Placing DEXTENZA After ≤3 Inserts

Mean: 3 Inserts

Physicians' Level of Comfort Using DEXTENZA* (n=37)

Not comfortable Neither comfortable/uncomfortable Very comfortable

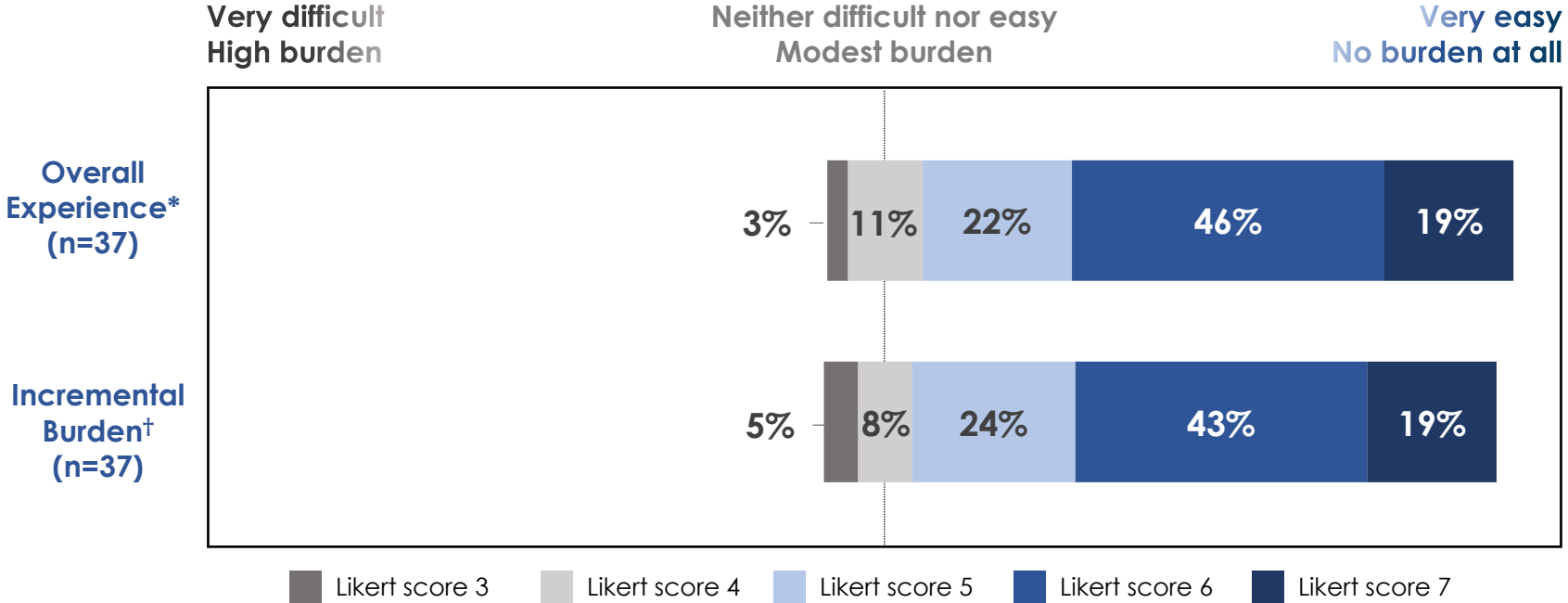


■ Likert score 3 ■ Likert score 4 ■ Likert score 5 ■ Likert score 6 ■ Likert score 7

*Physicians were asked to rate their overall comfort with DEXTENZA on a Likert scale of 1 (not comfortable) to 7 (very comfortable) one day after performing cataract surgery

87% of Physicians Rated Their Experience with DEXTENZA as Easy and Estimated Little to No Burden on Staff

Physicians' Overall Experience with DEXTENZA and Incremental Burden Rating

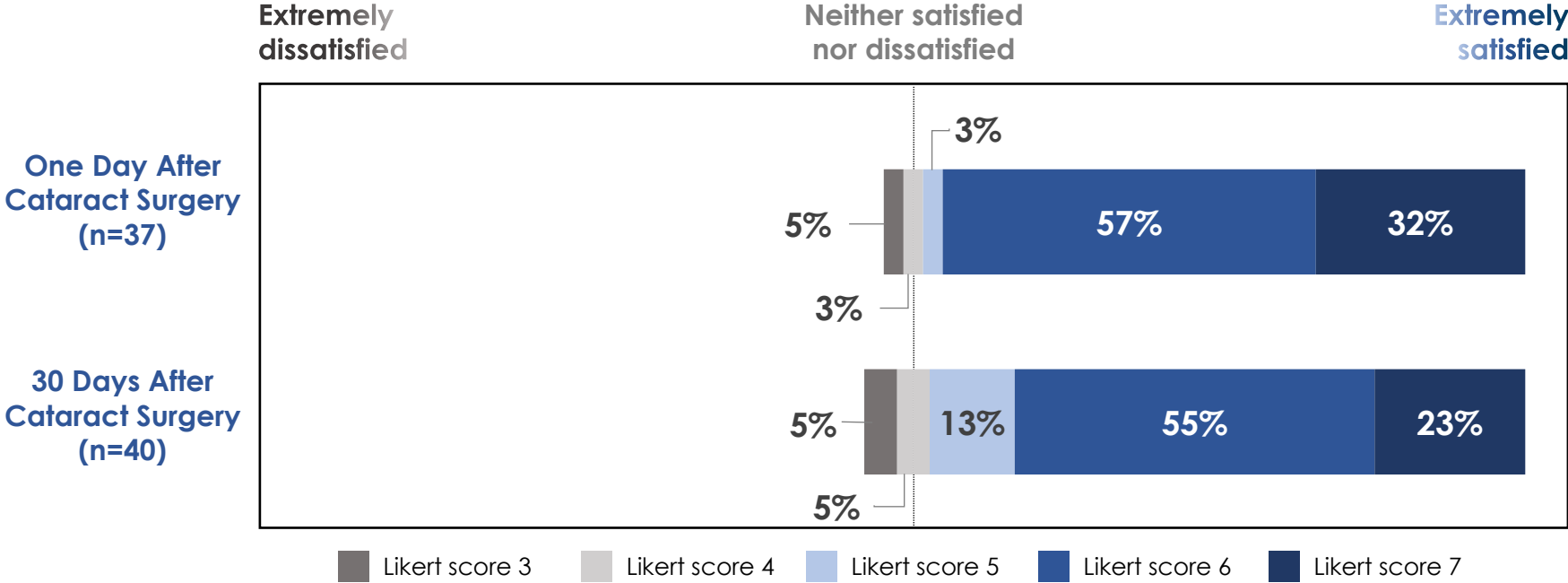


*Physicians were asked to rate their overall experience with DEXTENZA on a Likert scale of 1 (very difficult) to 7 (very easy) one day after performing cataract surgery

†Physicians were asked how much incremental burden was placed on staff time and logistics due to DEXTENZA utilization on a Likert scale of 1 (high burden) to 7 (no burden) one day after performing cataract surgery

Overall, 91% of Physicians were Satisfied with DEXTENZA

Physicians' Overall Satisfaction with DEXTENZA*



*Physicians were asked to rate their satisfaction with DEXTENZA on a Likert scale of 1 (extremely dissatisfied) to 7 (extremely satisfied).

Conclusions

DEXTENZA appears to integrate well into clinical use



On average, physicians with no prior experience using DEXTENZA in cataract surgery patients reported becoming **comfortable with inserting DEXTENZA after 3 insertions** regardless of clinical setting



Most physicians (87%) thought that the experience of **using DEXTENZA was easy** and created **little to no incremental burden** on staff time and logistics use



A majority (91%) of physicians new to DEXTENZA reported overall satisfaction with DEXTENZA