

FINAL

Clinical Evaluation of Two Daily Disposable Lenses in Sphere Design

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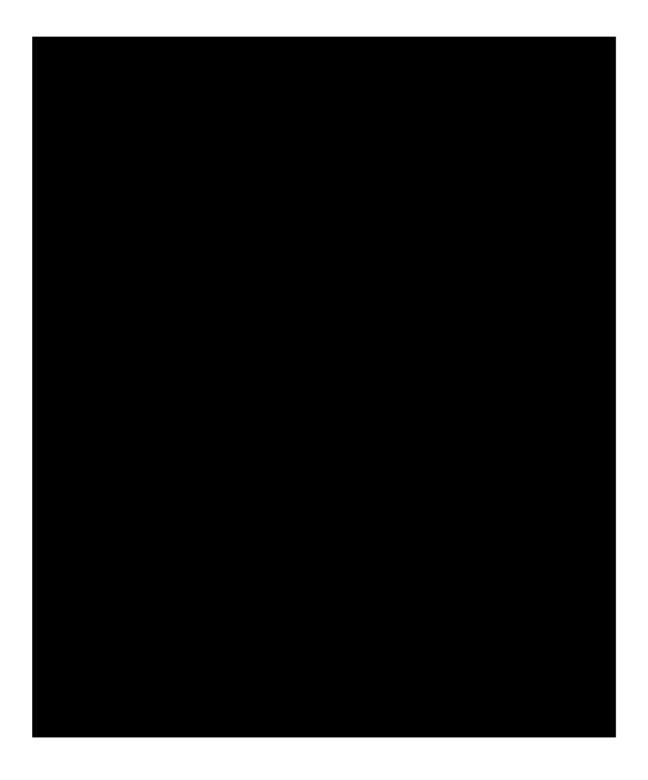
Autonomous University (UNAM), Mexico City



Revision History

| Document number | Date | Comments |
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| EX-MKTG-141 | 7/08/2022 | First draft (v 1.0) |
| EX-MKTG-141 | 7/12/2022 | Second Draft (v 2.0) |
| EX-MKTG-141 | 7/18/2022 | FINAL |

PERSONNEL & FACILITTIES



Protocol Synopsis

| Protocol Number | EX-MKTG-141 |
|--|--|
| Title | Clinical Evaluation of Two Daily Disposable Lenses in Sphere Design |
| Name of Device(s) and (by USAN material) | Proclear® 1 day (omafilcon A), Select 1 Day (somofilcon A) |
| Indications for Use | Approved for use: omafilcon A. (Daily wear) somofilcon A. (Daily wear) Indication for use in this study: 15 minutes daily wear |
| Study Design | Single-blind, (participant masked), interventional, prospective, direct refit, bilateral wear study. |
| Purpose | The aim of this non-dispensing fitting study is to evaluate the short term lens fit, vision performance and patient subjective experiences of the Proclear® 1 day when compared to the Select 1 Day lenses after 15 minutes of daily wear each. |
| Study Duration | The anticipated timeline for this study is as follows: Patient enrolment and completion: August 5 - October 15, 2022 Visits: V1: (BL/trial fit/lens order), V2: Dispense / evaluate P1 V3: 15 minutes. Evaluate P1/Dispense P2. V4: 15 minutes. Evaluate P2 / study exit |
| Patient Population | Adapted soft contact lens wearers that provide written informed consent and meet protocol entry criteria. |
| Sample Size | Target enrollment and completion is 40 subjects. |
| Center Destination (Mexico) | School of Optometry Clinic, National Autonomous University (UNAM) |
| Number of Centers | Single Center |
| Patient Follow-up | Subjects enrolled in this study will be followed up after the lens dispensing session: • Post dispensing follow-up at 15 minutes for each study lens pair |
| Primary Endpoint | Lens Fit Acceptance Ratings |
| | |

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1 Introduction

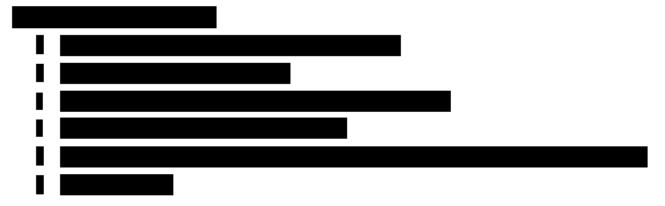
According to a recent International survey in 2021 daily disposable soft contact lenses were prescribed to 49% of patients (*Contact Lens Spectrum* market data).¹ There is considerable variation between countries with respect to prescribing by lens material but on average daily disposable hydrogel lenses were prescribed 13% while daily disposable silicone hydrogel lenses 28%. In the United States silicone hydrogels were reported in usage at 69%, while hydrogels were reportedly used in 20% of fits in 2021. When comparing soft contact lens fits & refits in 2021 by replacement schedules, the daily disposable modality continues to lead in terms of prescribing by soft lens replacement schedule (range of 43% to 51%).¹ Daily disposable contact lenses are able to provide many benefits to contact lens wearers when compared with frequent replacement lens modality.² These include the convenience of not having to clean and disinfect lenses after each use and the ability to have spare, replacement contact lenses readily available in the event of loss or damage. When a new lens is worn each day, there is significantly less spoliation from lens surface deposits. ^{3,4,5.} Therefore, CooperVision is interested in comparing the short-term clinical performance and subjective acceptance of Proclear® 1 day, (LENS A), to the Select 1 Day, (LENS B), contact lenses. A non-dispensing fitting study is proposed to evaluate the short-term clinical performance of these lenses.

2 Study Objective

The aim of this non-dispensing fitting study is to evaluate the short term lens fit, vision performance and patient subjective experiences of the Proclear® 1 day when compared to the Select 1 Day lenses after 15 minutes of daily wear each.

The primary outcome variable is:

Lens Fit Acceptance ratings (assessed by the investigator)



3 Study Hypothesis

3.1 Study Hypothesis

- Null hypothesis (Ho): There is no difference in clinical performance and subjective assessments between lens types.
- Alternative hypothesis (H1): There is a difference in clinical performance and subjective assessments between lens types.

4 Study Design

This is a **40-subject**, single-blind, (participant masked), interventional, prospective, direct refit, bilateral wear study. It is anticipated that this study will involve 4 visits as follows: **V1**: (BL/trial fit/lens order), **V2**: Dispense / evaluate P1. **V3**: 15 minutes. Evaluate P1/Dispense P2. **V4**: 15 minutes. Evaluate P2 / study exit.

5 Investigational Sites

5.1 Number of Sites

This will be a single center investigational site in Mexico City. (Target 40 subjects).

5.2 Investigator Recruitment

This study will be conducted at School of Optometry Clinic; National Autonomous University (UNAM) Mexico City. The Investigators will be required to fulfil the following criteria:

- Licensed optometrist with at least two years of contact lens fitting experience.
- Experienced Investigators who will be trained in Good Clinical Practice (GCP) by the principal investigator.
- In-office email or fax.
- Willingness to follow the study protocol and to co-operate with the study monitors.

This clinical study is designed to be in conformance with the ethical principles in the Declaration of Helsinki, with the ICH guidelines for Good Clinical Practice (GCP) and all the applicable local guidelines.

6 Ethics Review / Statement of Compliance

6.1 Relevant Standards / Guidelines

This implementation document has been developed in accordance with the following:

- ISO 14155. Clinical Investigation of Medical Devices
- ICH Harmonized Tripartite Guideline for Good Clinical Practice
- Declaration of Helsinki

6.2 Institutional Review Board

This study will be conducted in accordance with Institutional Review Board regulations (U.S. 21CFR Part 56.103) or applicable IEC regulations. Copies of all IRB/IEC correspondence with the investigator/sponsor will be kept on file. The study will commence upon approval from the following Ethics Committee: Comisión de Ética de la FESI. Avenida de los Barrios no. 1, Los Reyes Iztacala, Tlalnepantla Edo. de México. CP 54090. Telephone number 56-23-12-20 and email address ceticafesi@gmail.com.

6.3 Clinical Trial Registration

This study will be registered with clinical trials.gov in accordance with section 801 of the Food and Drug Administration (FDA) Act which mandates the registration of certain clinical trials of drugs and medical devices.

6.4 Informed Consent

Informed consent, (Appendix 1), shall be obtained in writing from the subject and the process shall be documented before any procedure specific to the clinical investigation is carried out.

7 Potential Risks and Benefits to Human Subjects

There may be direct benefits to the subjects in this study such as improved vision, comfort, convenience, and cosmetic advantage. Participation in a study may contribute to scientific research information that may be used in the development of new contact lens products. In addition, subjects will receive an examination of the front part of their eyes and may have the opportunity to try a different type of soft contact lenses and/or different lens care products at no cost to them. The contact lens materials used in this study are commercially available intended for daily wear (NOT extended wear) similar to the average wearing time of 10-16 hours for daily wear lenses.

This study is considered to be a non-significant risk study based on United State Food and Drug administration (FDA) and International Standards Organization (ISO) guidelines because the study devices used as intended in this study (daily wear) don't represent a potential for serious risk to the health, safety or welfare of the subject, and (2) it is not an implant, (3) it is not used to support or sustain human life, (4) it is not of substantial importance in diagnosing, curing, mitigating or treating disease or otherwise prevents impairment of human health, (5) does not present a potential for serious risk to the health, safety or welfare of the subject.

Complications that may occur during the wearing of contact lenses include discomfort, dryness, aching or itching eyes, excessive tearing, discharge, hyperemia and variable or blurred vision. More serious risks may include photophobia, iritis, corneal edema or eye infection. Although contact lens-related infections are very infrequent, the possibility does exist. The incidence of infection due to day-wear soft lenses is 0.035%. Almost always an infection will occur only in one eye. This risk is assumed by 35-million Americans who currently wear contact lenses.

Routine clinical procedures including auto-refraction, auto-keratometry, visual acuity, anterior ocular health assessment, and contact lens fitting will be used. In addition, high magnification imaging of the lens fit may be made using 35 mm or digital cameras, in vivo confocal microscopy, and/or specular microscopy. Patients will be monitored in the clinic during the study to reduce if not eliminate the occurrence of adverse or potential adverse events. Patients will be given instructions from the study investigator regarding early symptoms and signs of adverse events and their contact information.

8.1 Participants

Habitual soft contact lens wearers who currently wear sphere lenses for distance vision correction and provide written informed consent and meet the protocol entrance criteria. Subjects will be recruited from the National Autonomous University School of Optometry databases who agree to voluntarily participate in the study (Appendix 2, timeline). All subjects will be screened to determine study eligibility. Each subject will be given a unique ID number. Additionally, all subjects must meet the study inclusion and exclusion criteria listed below.

Inclusion criteria

A person is eligible for inclusion in the study if he/she:

- Is at least 18 years of age and has full legal capacity to volunteer.
- Has read and signed an information consent letter.
- Self-reports having a full eye examination in the previous two years.
- Anticipates being able to wear the study lenses for the required time of the study.
- 5. Is willing and able to follow instructions and maintain the appointment schedule.
- 6. Has refractive astigmatism no higher than -0.75 DC.
- Can be fit with the available lens parameters (sphere +8.00 to -10.00D). See Table 1.
- Can achieve binocular distance vision of at least 20/30 Snellen (logMAR 0.18) with the study contact lenses.

Exclusion Criteria

A person will be excluded from the study if he/she:

- Is participating in any concurrent clinical or research study.
- Has any known active* ocular disease and/or infection that contraindicates contact lens wear.
- 3. Has a systemic condition that in the opinion of the investigator may affect a study outcome variable.
- Is using any systemic or topical medications that in the opinion of the investigator may affect contact lens wear or a study outcome variable.
- Has known sensitivity to the diagnostic sodium fluorescein used in the study.
- 6. Self-reports as pregnant, lactating or planning a pregnancy at the time of enrolment.
- Has undergone refractive error surgery or intraocular surgery.

^{*} For the purposes of this study, active ocular disease is defined as infection or inflammation which requires therapeutic treatment. Mild (i.e., not considered clinically relevant) lid abnormalities (blepharitis, meibomian gland dysfunction, papillae), corneal and conjunctival staining and dry eye are not considered active ocular disease. Neovascularization and corneal scars are the result of previous hypoxia, infection or inflammation and are therefore not active.

Pregnant and lactating women are not being excluded from the study due to safety concerns but due to fluctuations in refractive error, accommodation and/ or visual acuity that occur secondary to systemic hormonal changes. It has further been shown that pregnancy could impact tear production, which could impact dry eye symptoms. Such fluctuations could affect data, thereby negatively affecting study data integrity.

8.2 Study Materials

8.2.1 Contact lens

CooperVision will provide the site with an inventory of both study lenses (LENS A) and (LENS B) to allow participants to be fit with the lens powers available for this study (i.e., sphere +8.00D to - 10.00D).

All subjects will be trial fitted and, if suitable, dispensed the first pair of the assigned lens brand assigned per a determined table (Appendix 3). The lenses used in this study are all FDA approved and marketed products. Details of the study contact lenses are shown in Table 1.

Table1: Study lens parameters

| Brand Proclear® 1 day (LENS A) | | Select 1 Day (LENS B) | |
|--------------------------------|---|---|--|
| Manufacturer | CooperVision Inc. | CooperVision Inc. | |
| Material | omafilcon A | somofilcon A | |
| WC % | 60 | 56 | |
| Base Curve (mm) | 8.7 | 8.6 | |
| Lens Diameter (mm) 14.2 | | 14.0 | |
| Sphere Power (D) | + 8.00 to - 10.00 (0.50 steps after ± 6.00) | + 8.00 to - 10.00 (0.50 steps after ± 6.50) | |
| Wearing schedule | Daily wear | Daily wear | |

8.2.2 Contact Lens care

Since this is a non-dispensing fitting study no contact lens care will be required. However, in the event that the study lenses need to be rinsed during the insertion process, preserved saline solution will be used.

8.2.3 Storage of Study Medications/Treatments

There are no unapproved investigational products used in this study requiring special storage accommodations.

8.2.4 Clinical Supply Inventory

There are no unapproved investigational products used in this study requiring special inventory requirements.

8.2.5 Disposal of Consumables

This study dispenses consumables (lenses) to participants for use during the study. Study lenses worn by participants will be discarded by the principal investigator at the end of the study.

8.2.6 Masking and Control of Study Materials

The contact lenses, (LENS A, and LENS B), will be masked to the subject only. The lenses will be removed from their blister pack by an assistant and transferred to an unmarked lens case to maintain the participants masked of the study lenses. Participants will then be instructed to remove the lenses from the lens case and insert them onto their eyes. It is not possible for the study investigators to be masked because of the need to follow the specific lens fitting guide during the lens prescription optimization visit.

8.2.7 Ordering and Accountability of Study Materials

The study sponsor will supply the investigators with the study lenses to use during the study.

8.3 Visit Schedule and Procedures

This will be an interventional, subject masked, bilateral, non-dispensing fitting study. Participants will be examined at two different points over the course of one day, V1 (lens dispensing), V2 (15 minutes post lens settling). Participants will wear two different pairs of lenses with LENS A fitted first to all participants, followed by LENS B. Anterior ocular health examination will be performed at baseline without the use of fluorescein*.

* Fluorescein will not be used before lens dispensing to prevent potential eye discomfort that could influence subjective comfort ratings after lens fitting and settling. However, fluorescein will be instilled at the last visit upon lens removal.

The following outline identifies the two study visits and the general procedures, (Appendix 5), to be conducted at each visit for each day of the study and recorded in the case report forms (Appendix 6):

8.3.1 Visit 1: Baseline / Trial Fit / Lens order

- Explanation of the study.
- Sign informed consent form.
- Anterior ocular health examination (Slit lamp without fluorescein).
- Insert trial LENS A
- •
- Evaluate lens fit acceptance)
- Order final LENS A.
- Remove LENS A and insert trial LENS B.
- •
- Evaluate lens fit (lens fit acceptance)
- Order final LENS B.

8.3.2 Visit 2: Lens dispensing (Fit LENS A / Evaluate) Lens fit assessment ➤ Overall fit acceptance (0 – 4)[‡] and reason if Grade 2 or less. 8.3.3 Visit 3a: 15 minutes (Evaluate LENS A) Lens Fit Assessment ➤ Overall fit acceptance (0 – 4)[‡] and reason if Grade 2 or less. Remove LENS A 8.3.4 Visit 3b: Lens dispensing (Fit LENS B / Evaluate)

Lens Fit Assessment

➤ Overall fit acceptance (0 – 4)[‡] and reason if Grade 2 or less.

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8.3.5 Visit 4: 15 minutes (Evaluate LENS B / Study Exit)

• Lens Fit Assessment

• Overall fit acceptance (0 – 4)[‡] and reason if Grade 2 or less.

• Remove LENS B

•

9 Adverse Event Reporting

9.1 Adverse Response Definitions

Adverse Event (AE): An AE refers to any untoward medical occurrence (sign, symptom or disease) in a trial subject that does not necessarily have a causal relationship with the study device. AEs may be classified as 'unanticipated adverse device effects,' 'serious AEs,' 'significant AEs,' or 'non-significant AEs,' as defined below.

| Classification | Definition |
|--------------------------|--|
| Serious Adverse Event | Those events that are life-threatening, or result in permanent impairment of a body function, or permanent damage to a body structure or necessitate medical (therapeutic) or surgical intervention to preclude permanent impairment of a body function or permanent damage to a body structure. |

| Unanticipated Adverse Device Effect | Adverse events in a clinical trial that were not previously identified in the protocol in terms of nature, severity, or degree of incidence. An Unanticipated Serious Adverse Device Effect is an unanticipated adverse event that is serious in nature and caused by or associated with the device and is considered reportable. |
|--------------------------------------|---|
| Significant Adverse Event | Those non-serious adverse events that occur with contact lens usage that are not sight-threatening but are usually symptomatic and may warrant therapeutic management and /or temporary or permanent discontinuation of contact lens wear. |
| Non-Significant Adverse Events | Those less severe non-serious adverse events that occur with contact lens usage that are not sight-threatening, may or may not be symptomatic and may warrant palliative management, such as ocular lubricants or temporary interruption of contact lens wear. |

AE classification, coding (for reporting to the sponsor) and examples are provided in the following table of Contact LENS Adverse Event Classification and Reporting:

| Code | Condition | Potential AE Classification | Reporting |
|------|--|--------------------------------|---|
| | | | |
| 01 | Presumed infectious corneal ulcer | SERIOUS | |
| 02 | Permanent loss of ≥2 lines of best spectacle corrected visual acuity (BSCVA) | SERIOUS | |
| 03 | Corneal injury that results in permanent opacification within central cornea (6mm) | SERIOUS | Notify sponsor as |
| 04 | Neovascularization within the central 6mm of cornea | SERIOUS | soon as possible, within 24 hrs; IRB |
| 05 | Uveitis or Iritis | SERIOUS | reporting as per |
| 06 | Endophthalmitis | SERIOUS | requirements |
| 07 | Hyphema | SERIOUS | |
| 08 | Hypopyon | SERIOUS | |
| 09 | Persistent epithelial defect | SERIOUS | |
| 00 | Other serious event | SERIOUS | |
| 11 | Peripheral non-infectious ulcer (outside central 6mm) | SIGNIFICANT | Notify sponsor as |
| 12 | Symptomatic corneal infiltrative events | SIGNIFICANT | soon as possible, |
| 13 | Superior epithelial arcuate lesions (SEALs) involving epithelial split | SIGNIFICANT | within 5 working days; IRB reporting |
| 14 | Any temporary loss of ≥2 lines BSCVA for ≥2wks | SIGNIFICANT | as per |
| 15 | Corneal staining ≥ dense coalescent staining up to 2mm in diameter (i.e. moderate staining) | SIGNIFICANT | requirements |

| 16 | Corneal neovascularization ≥ 1.0mm to 1.5mm vessel penetration (if 2 Grade change from baseline) | SIGNIFICANT |
|----|--|-----------------|
| 17 | Any sign and/or symptom for which subject is administered therapeutic treatment or which necessitates discontinuation of lens wear for ≥ 2 weeks | SIGNIFICANT |
| 10 | Other significant event | SIGNIFICANT |
| 21 | Conjunctivitis: bacterial, viral, allergic | NON-SIGNIFICANT |
| 22 | Papillary conjunctivitis if ≥ mild scattered papillae/follicles approximately 1mm in diameter (if 2 Grade change from baseline) | NON-SIGNIFICANT |
| 25 | Asymptomatic corneal infiltrative events | NON-SIGNIFICANT |
| 26 | Localized allergic reaction | NON-SIGNIFICANT |
| 27 | Contact dermatitis | NON-SIGNIFICANT |
| 28 | Any sign and/or symptom for which temporary lens discontinuation for > 1 day is recommended | NON-SIGNIFICANT |
| 20 | Other non-significant sign and/or symptom | NON-SIGNIFICANT |

Normal or adaptive symptoms

Transient symptoms such as end-of-day dryness, LENS Awareness, itching or burning or other discomfort may occur with contact lens wear and may occasionally reduce wearing time. These are not reported as adverse events unless they are unexpected in nature, severity or rate of occurrence.

9.2 Procedures for Adverse Events

Treatment of an adverse event will depend on its nature and severity. Based on the clinical judgment of the investigator the subject may be referred to an ophthalmologist for treatment. The investigator will attempt to determine whether the reaction is related to the test device or a result of other factors.

An Adverse Event Form will be completed for each adverse event. If both eyes are involved, a separate Adverse Event Form will be completed for each eye. Whenever possible, the adverse event will be photo-documented.

Expenses incurred for medical treatment as part of study participation will be paid by the sponsor (bills and prescription receipts kept). The subject must be followed until resolution and a written report completed indicating the subsequent treatment and resolution of the condition.

9.3 Reporting Adverse Events

All potential **Serious and Unanticipated Adverse Device Effects** that are related or possibly related to subject participation in the investigation will be reported to the Principal Investigator and the sponsor within 24 hours of the investigator becoming aware of the event. The Principal Investigator will report the event to the EC/IRB as soon as possible (by fax, mail/delivery, phone, or email), but within 10 business days of becoming aware of the problem. *All fatal or life threatening events will be reported immediately to the IRB*.

Significant and Non-Significant Adverse Events will be reported to the sponsor as soon as possible, but no later than 5 working days after the occurrence.



9.4 Discontinuation from the Study

All discontinuations will be fully documented on the appropriate CRF Exit and Adverse Event forms as needed. Participants will be followed until resolution (in most instances) and are free of the ophthalmic insert related complications or other ocular pathology. When possible study lenses involved in an Adverse Event will be returned to the sponsor in a new tightly sealed contact lens case, and labeled with the subject identification and stored in Unisol non-preserved saline.

10 Statistical Analysis

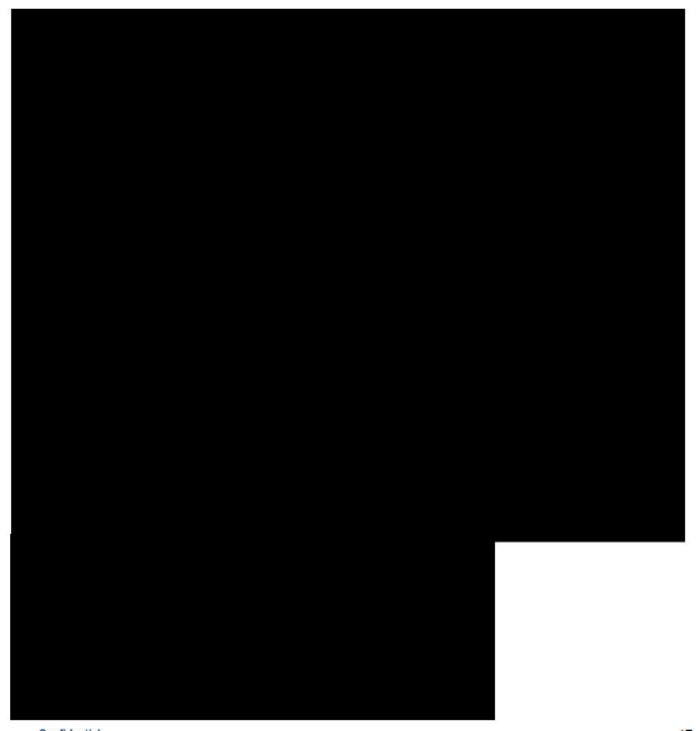
10.1 Statistical analysis

Summary statistics will be produced, (e.g., mean, standard deviation), by the principal investigator (GIO). Differences between lenses will be compared using Paired t-tests. Paired t-tests /analysis of variance for normal (interval/continuous) data, Wilcoxon's signed ranks test for non-normal (ordinal) data, chi-squares test for nominal data. A Binomial test will be used to evaluate lens preference questions. All participants who are evaluated in the study will be used in the analysis. In the event of missing data individual number of points will be excluded in the analysis and not extrapolated from the collected data. The critical alpha level for statistical significance will be set at p \leq 0.05, with adjustment for multiple comparisons.

10.2 Sample size

Using data from investigator's lens fit acceptance, collected in a previous study that evaluated soft contact lenses, a sample size was calculated (CooperVision data on file). Figure 1 shows the sample size calculation for a paired t-test in order to detect a difference between lenses in mean lens fit acceptance ratings.

Assuming a standard deviation of 0.65, and an alpha level of 0.05, a sample size of 39 subjects provides 80% power to detect a difference of 0.35 points on a 0 - 5 scale. The study will aim to complete 40 subjects in total.



11.1 Study monitoring

A site visit or discussion may be conducted during the course of the study as appropriate. Prior to final data freeze, a close-out visit/discussion may be warranted to check for accuracy and completeness of records. The sponsor or sponsor's representatives will be authorized to gain access to the source documentation for the purposes of monitoring and auditing the study.

11.2 Record keeping

Detailed records of all study visits will be made using the electronic Case Report Forms (CRFs).

11.3 Record retention

Following study completion, data will be available in electronic and/or paper format for audit, sponsor use, or subsequent analysis. The original clinical raw data (including completed CRFs and Informed Consent forms) will be retained according to guidelines set forth in the general work agreement with the site. The Sponsor will be notified and consulted if ever the files are to be destroyed. In the event that this implementation document is indicated for design verification and validation purposes, as indicated on the title page, all original raw data forms and completed CRF's will be forwarded to the sponsor at completion of the final report.

11.4 Data Entry / Data Management

Data will be entered into an electronic spreadsheet. Study staff will only be able to modify the data file via password entry. The investigators will be responsible for the data integrity, and complete data entry for each visit as well as the take home questionnaires. The investigator will send the data collected to the study sponsor within 5 business days after the last subject completes the final visit. A full report will be provided by the investigator at the mutually agreed timeline after the study completion date.

11.5 Confidentiality

This study is confidential in nature. All information gathered during this study is proprietary and should be made available only to those directly involved in the study. Information and reports arising from this project are the property of the sponsor.

All records will also be handled in accordance with HIPAA (1996).

