

Lifecycle and Promotion of a Custom Patient Registry Survey with an Industry Partner



Recruitment

Campaign

(2 months)

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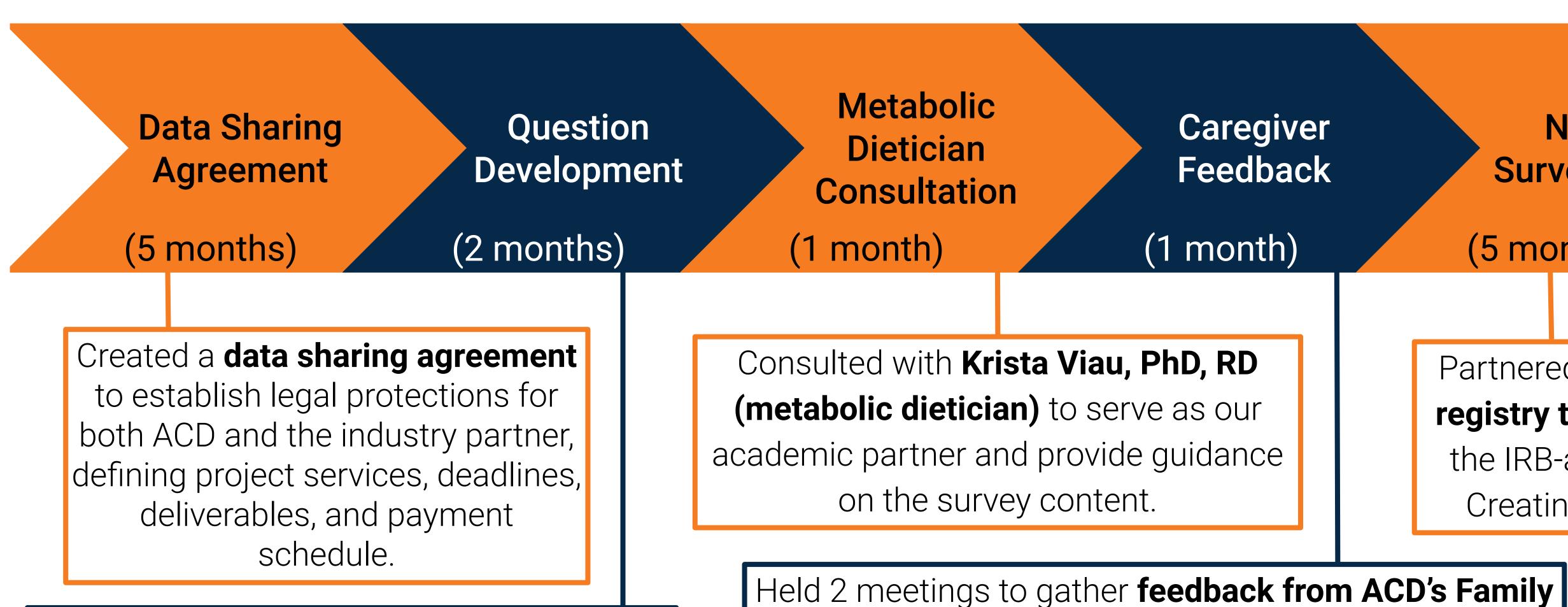
Background

- Creatine transporter deficiency (CTD) is a rare X-linked cerebral creatine deficiency syndrome (CCDS).¹
- Individuals with CTD may show intellectual and developmental delays, expressive speech and language delays, autistic-like behavior, hyperactivity, seizures, gastrointestinal issues, and movement disorders.^{2,3}
- There is currently no treatment or cure for CTD.

Objectives

- An industry partner wanted to learn about the oral medication preferences of CTD patients and caregivers to inform the development of their therapeutic, a possible treatment for CTD.
- Goal: Collaborate with an industry partner to develop a custom oral medication survey for our CreatineInfo Patient Registry and Natural History Study.

Methods



Developed survey questions in Advisory Board (FAB), to ensure patient and caregiver collaboration with the industry partner, to perspectives were represented, confirm the language ensure that the goals of both parties were was family-friendly, and add additional, important reflected in the survey questions. questions relevant to oral medication preferences.

Partnered with the **NORD** patient registry team to build and launch the IRB-approved survey on our CreatineInfo Patient Registry.

NORD

Survey Build

(5 months)

Executed a recruitment campaign (13 social media posts, 1 email, 1 newsletter), with a target goal of 35 or more CTD responses.

Results

Project Outcomes:

- 1. Industry and non-profit data sharing agreement appropriate for future use
- 2. 52-question custom oral medication survey
- 3. Successful recruitment campaign with high participant engagement surpassing our target goal, with 37 CTD participants completing the survey in the first 6 weeks
- 4. 55-page report containing aggregate, de-identified data from the survey
- 5. Valuable insights into patient oral medications preferences to share with additional stakeholders in future drug development efforts (see Figures 1 & 2)
- 6. Industry partner support of patient registry costs resulting in a self-sustaining registry
- 7. Better understanding of the time requirements, and therefore appropriate cost to charge, for this type of endeavour.

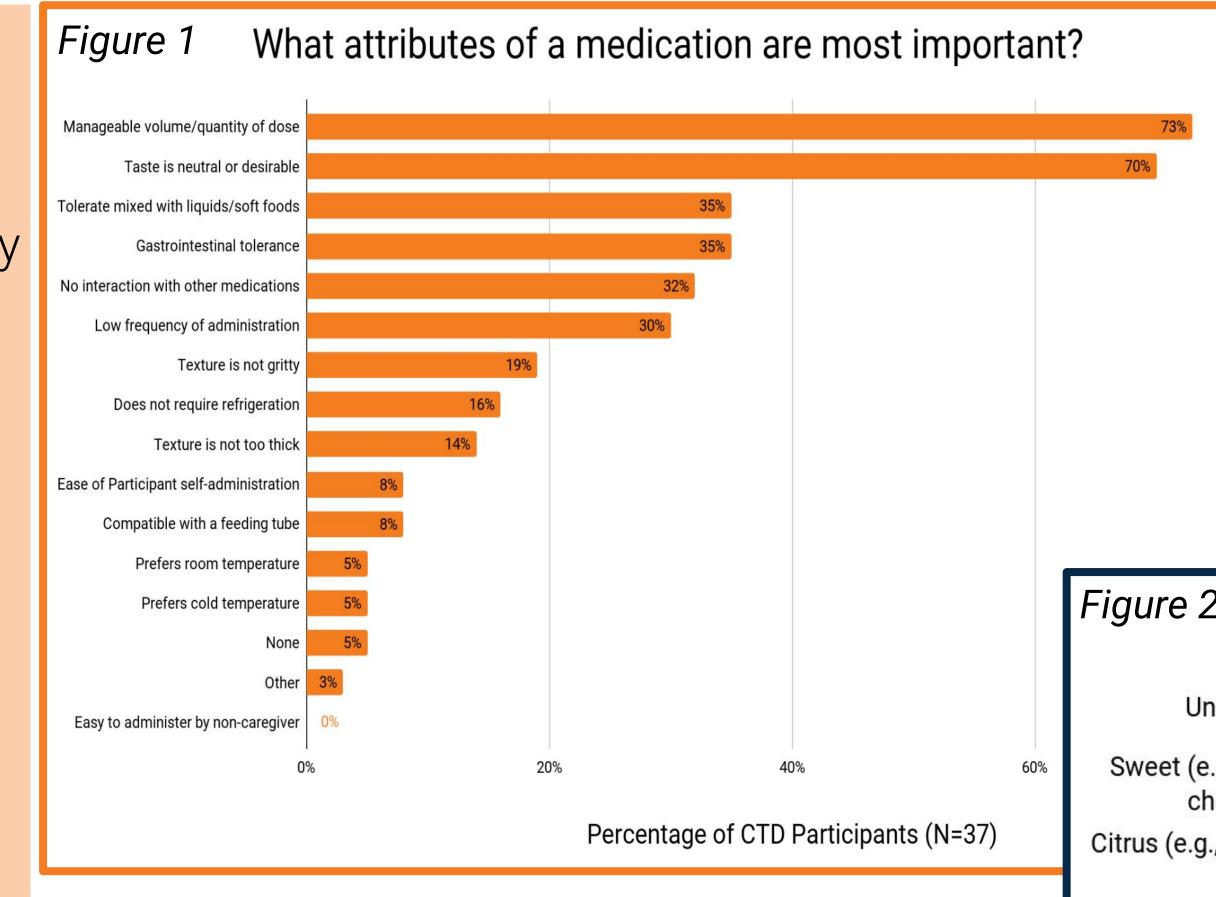
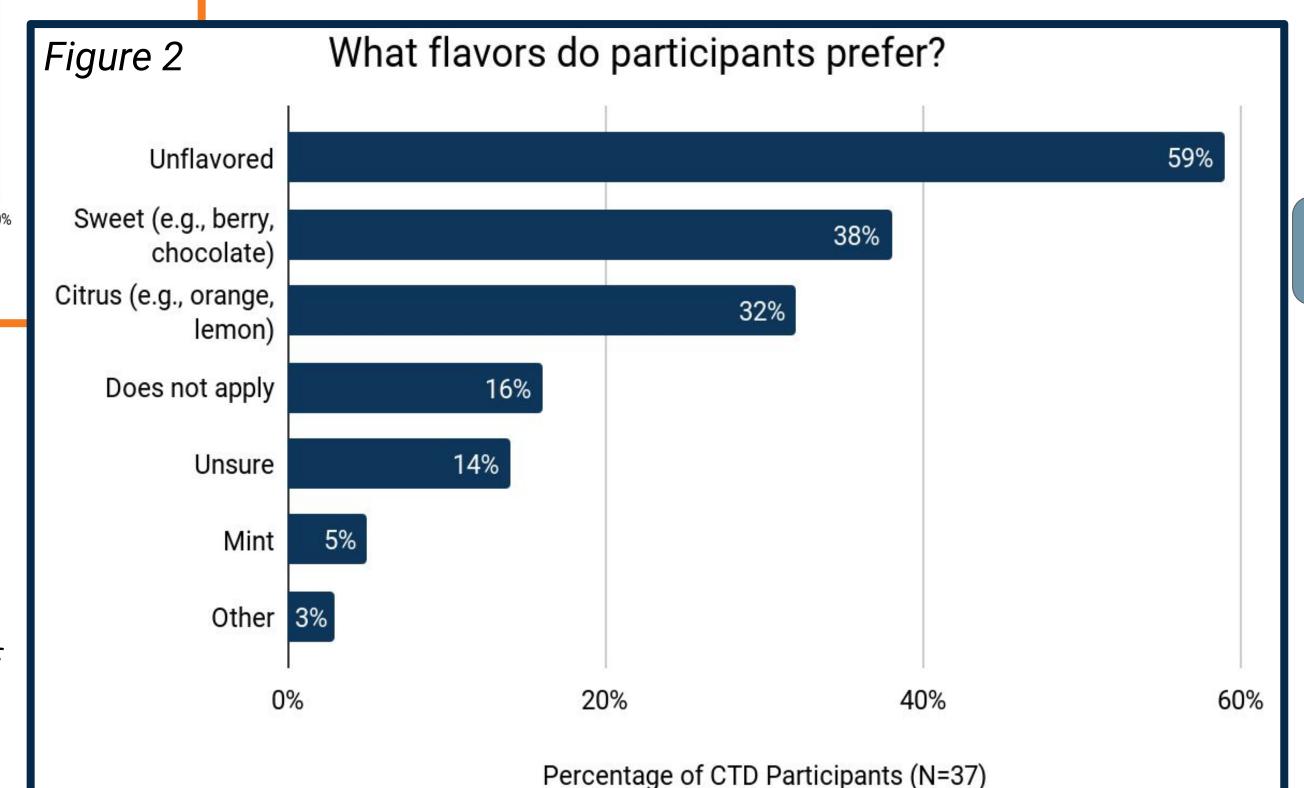


Figure 2: Percentage of CTD survey participants who selected each flavor. "Unflavored" was selected by the greatest percentage of participants, followed by "Sweet" (N=37).

Figure 1: Percentage of CTD survey participants who included the medication attribute in their top 4 most important. Overwhelmingly, participants rated "Manageable volume or quantity of dose" and "Taste is neutral or desirable" as the top most rated attributes (N=37).



Conclusions

- Co-development of a custom patient registry survey can be a mutually beneficial endeavor for both patient advocacy groups and industry partners.
- Survey participants were incentivized to complete the survey by simply knowing that their data had meaningful implications.
- Survey objectives should be well-defined and agreed upon early in the process to avoid timely delays in the development of questions.

References & Contact

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- 2. Passi, G. R., Pandey, S., Devi, A. R. R., Konanki, R., Jain, A. R., Bhatnagar, S., ... & Jain, V. (2022). Cerebral creatine deficiency disorders—A clinical, genetic and follow up study from India. Brain and Development, 44(4), 271-280.
- 3. Data collected from the CreatineInfo Patient Registry and Natural History Study (2023).

Let's Connect!

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