



T1D Exchange (T1Dx) Health Equity Advancement Lab (HEAL) Advisory Group Charter

1.0 Purpose/Background:

Approximately 1.6 million people in the United States have type 1 diabetesⁱ. The incidence of type 1 diabetes is increasing in the United States across all populations, most significantly among Hispanic youth. Numerous type 1 diabetes-related health inequities exist across racial and ethnic groups. Compared non-Hispanic White people with diabetes:

- Hispanic and non-Hispanic Black people with type 1 diabetes have higher A1c levels;
- Non-Hispanic Black people with type 1 diabetes are 2.5 times more likely to have one or more DKA episodes and 2.5 times more likely to have had one or more severe hypoglycemic even in the previous 12 months;
- Non-Hispanic Black people with type 1 diabetes have twice the mortality rate.

T1Dx data reveals inequities exist in diabetes technology useⁱⁱ, and the COVID-19 pandemic has further exposed the inequitable burden of disease^{iii,iv}.

The T1Dx strives to reduce health inequities among people with diabetes. Recent strategies include adapting quality improvement tools and principles into a framework^v for advancing health equity and partnering with industry partners on a quality improvement pilot^{vi}. The HEAL Advisory Group will reinforce T1Dx efforts to reduce health inequities among the T1D population.

2.0 Vision:

To achieve equity for patients with type 1 diabetes by piloting innovative approaches in the T1D Exchange Quality Improvement Collaborative

3.0 HEAL Objectives:

The T1Dx HEAL Program is a network of health equity clinical and research leaders aiming to provide thought leadership around the T1Dx health equity initiatives. The HEAL Program will contribute to best practices regarding equitable type 1 diabetes care through multiple strategies, including but not limited to:

- Revising or developing new measures for health equity
- Providing advice and feedback on grants
- Piloting new health equity initiatives
- Applying evaluation rigors to make recommendations on equitable policies
- Sharing learning and best practices nationally

HEAL Advisory Group members can find additional information in the T1Dx “Breaking Down the Science” series^{vii}.

4.0 Deliverables:

The T1Dx will develop, annually, a summary report highlighting efforts and initiatives completed in collaboration with the HEAL Advisory Group, including impact summaries and quantitative clinical outcomes resulting from health equity work. Additionally, HEAL Advisory Group members will complete an annual satisfaction survey on their experience participating with the T1Dx.

5.0 Advisory Group Structure:

5.1 Membership:

HEAL Advisory Group membership is an unpaid, voluntary, one-year commitment (with option to renew in subsequent years). Benefits of membership include contributing to T1Dx equity initiatives, co-authoring publications, and recognition on the T1Dx HEAL Program webpage. Members will attend quarterly meetings and contribute to annual reports.

| Team Member | Email | Organization |
|----------------------|--|--|
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| Tenishia Thurman | tenishiathurman@yahoo.com | Grady patient representative |

5.2 Meetings:

Members' primary commitment is to attend quarterly meetings. Other ad hoc meetings (for additional projects, publications, etc.) are optional and dependent on further involvement opportunities. HEAL meetings are held quarterly in October, January, April, and July; each meeting is 90 minutes long (1-2:30 pm EST).

- October 21, 2021
- April 21, 2022
- October 20, 2022
- January 25, 2022
- July 21, 2022

5.3 Agenda:

Meetings will follow the general format depicted in the below draft agenda outline.

| Time | Item | Facilitator |
|--------------------|--|---|
| 1:30-1:45pm 15' | Welcome <ul style="list-style-type: none"> • Introductions, Announcements | T1Dx staff |
| 1:45-2:30pm 45' | T1Dx Updates on Equitable T1D Care | <i>External speaker, rotating, TBD</i> |
| 2:30-2:45pm 15' | New Evidence in Equitable T1D Care | <i>Advisory member or external speaker, rotating, TBD</i> |
| 2:45-3pm 15' | Close Out <ul style="list-style-type: none"> • Summary of next steps; next meeting | T1Dx staff |



6.0 References:

- ⁱ Centers for Disease Control and Prevention. National Diabetes Statistics Report, 2020. Atlanta, GA: Centers for Disease Control and Prevention, U.S. Dept of Health and Human Services; 2020.
- ⁱⁱ Shideh Majidi, Ebekozi Osagie et al Inequities in Health Outcomes among Children and Adults with Type 1 Diabetes: Data from the in T1Dx QI Collaborative <https://clinical.diabetesjournals.org/content/early/2021/06/03/cd21-0028>
- ⁱⁱⁱ Osagie Ebekozi, Shivani Agarwal et al Inequities in Diabetic Ketoacidosis among Patients with Type 1 diabetes and COVID-19: Data from 52 US Clinical Centers. Journal of Clinical Endocrinology and Metabolism December 2020 [10.1210/clinem/dgaa920](https://doi.org/10.1210/clinem/dgaa920)
- ^{iv} Nudrat Noor, Ebekozi O Diabetes Technology Use for management of type 1 diabetes (T1D) is associated with fewer adverse COVID-19 outcomes: Findings from the T1D Exchange COVID-19 Surveillance Registry. Diabetes Care 2021 <https://doi.org/10.2337/dc21-0074>
- ^v Ebekozi OA, Ori Odugbesan et al Equitable Post COVID-19 Care: A Practical Framework to integrate Health Equity in Diabetes Management. Journal of Clinical Outcomes and Management Nov 2020 <https://doi.org/10.12788/jcom.0031>
- ^{vi} Medtronic. (2021, April 7). *Medtronic Announces Ongoing Initiatives to Address Health Equity for People of Color Living with Diabetes*. [Press release]. Retrieved from <https://news.medtronic.com/2021-04-07-Medtronic-Announces-Ongoing-Initiatives-to-Address-Health-Equity-for-People-of-Color-Living-with-Diabetes>
- ^{vii} <https://t1dexchange.org/the-t1d-exchange-health-equity-advancement-lab-program/>