**Curriculum Vitae**

**Guy Todd Alonso, MD**

**Biographical sketch**

 **Current position**

 Associate Professor

 Medical Director, Pediatric Clinic

 Barbara Davis Center for Diabetes

 University of Colorado School of Medicine

 **Professional Address**

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**Education**

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| INSTITUTION AND LOCATION | DEGREE | YEAR | FIELD OF STUDY |
| Texas Christian University, Fort Worth, TX | B.S. | 1997-2001 | Biology |
| UT Houston Health Science Center, Houston, TX | M.D. | 2001-2006 | Medicine |
| Baylor College of Medicine, Houston, TX | Residency | 2006-2009 | Pediatrics |
| UT Southwestern Medical Center, Dallas, TX | Fellowship | 2010-2013 | Pediatric Endocrinology |

**Language proficiency**

English – Native speaker

Spanish – Fluent in writing, speaking

**Academic appointments**

2009-2010 Instructor of Pediatrics, Generalist in Pediatric Emergency Medicine, Baylor College of Medicine, Houston, TX

2013-2020 Assistant Professor, Barbara Davis Center, University of Colorado, Denver, CO

2020-present Associate Professor, Barbara Davis Center, University of Colorado, Denver, CO

**Licensure and Board Certification**

2009 – 2022 Medical license, Texas (#N2372)

2009 – present Board certified in General Pediatrics

2013 – present Board certified in Pediatric Endocrinology

2013 – present Medical license, Colorado (#DR52283)

**Professional organization memberships**

2006 – present American Academy of Pediatrics

2013 – present American Diabetes Association

**Honors/awards**

2006 Alpha Omega Alpha, University of Texas, Houston Medical School

2021 The Sharon H. Travers Award for Clinical Mentorship

**Major Committee and Service Responsibilities**

**Hospital**

2013 – 2018 Insulin Safety Committee, Children’s Hospital Colorado

2013 – 2015 MyChart stakeholder’s committee member, Children’s Hospital Colorado

2013 – present Attending physician, Endocrinology clinic at Children’s Hospital Colorado

2013 – present Attending physician, Pediatric Diabetes clinic, Barbara Davis Center for Diabetes

2016 Diabetic ketoacidosis clinical care guideline co-author, Children’s Hospital Colorado

2018 – present Epic physician builder, certified October 2018

2018 – present Editor, Diabetes guidelines for Children’s Hospital Colorado call center

**Barbara Davis Center**

2013 – 2023 Director of Education, Pediatric Service, Barbara Davis Center

2013 – 2020 Information Technology Committee, Barbara Davis Center

2013 – present Epic Superuser Committee member, Barbara Davis Center

2016 – present Barbara Davis Center Executive Committee

2014 – present Chair, Barbara Davis Center Quality Improvement Committee

2017 – present Chair, Barbara Davis Center Epic Superuser Committee

2017 – 2020 Assistant Medical Director for Quality and Access, Barbara Davis Center

2020 – present Medical Director, Barbara Davis Center Pediatric Clinic

**School of Medicine**

2014 – 2018 Pediatrics residency candidate interviewer, Department of Pediatrics

2014 – present Pediatric endocrinology fellowship candidate interviewer

2016 – present Clinical Leadership Committee, School of Medicine

**National**

2014 – 2017 Epic Electronic Medical Record Pediatric Endocrinology Steering Board, National Committee

2019 – 2022 Data Science Co-Chair, T1D Exchange QI Collaborative

2020 – 2022 T1D COVID-19 Adult and Pediatric Surveillance project Co-Lead, T1D Exchange QI Collaborative

2022 – 2024 Clinical Leadership Committee Co-Chair, T1D Exchange QI Collaborative

**Community Service**

2013 – present Camp Colorado Executive Committee member, American Diabetes Association

2014 – present Camp Colorado Medical Director, American Diabetes Association

**Review and Referee Work**

2014 – present Ad hoc reviewer, *Diabetes Technology and Therapeutics*

2015 – present Abstract reviewer for American Diabetes Association’s Scientific Sessions

2016 – present Ad hoc reviewer, *Journal of Diabetes Science and Technology*

2017 – 2022 Ad hoc reviewer, *Pediatric Diabetes*

2019, 2023 Grant reviewer, Diabetes UK

2022, 2023 Reviewer, American Diabetes Association Clinical Practice Guidelines

2022 – present Abstract reviewer for International Society for Pediatric and Adolescent Diabetes

**Invited Extramural Lectures/Presentations/Visiting Professorships**

**Local**

2013 Noon conference, Pediatric Residency Program, Children’s Hospital Colorado

2014 Diabetes class for inpatient nurses, Children’s Hospital Colorado

2015 DKA Related Emergencies, Pediatric Emergency Fellows, Children’s Hospital Colorado

2015 DKA in Acute Care Settings, Department of Pediatrics/Family Medicine, 7th Annual Conference on Pediatric Acute Illness and Injury Conference, Children’s Hospital Colorado

2015 Care of Children with Diabetes in the Inpatient Psychiatry Unit, Children’s Hospital Colorado

2015 – present Yearly conference for Colorado school nurses

2015 – present Yearly conference for Diabetes Resource Nurses in Colorado Schools

2016 Children’s Hospital Colorado Grand Rounds: Improved Process for Patients to Start Insulin Pump Therapy

2016 Type 1 diabetes update. Colorado Association for School Based Health Clinics conference.

2019 Childhood diabetes prevention day 2019 symposium. DKA at diagnosis of T1D. Researchers from AMC campus and US.

**Regional**

2013 Grand Rounds: DKA, and when it’s not, Northern Colorado Regional Medical Center, Greeley, CO

2014 Grand Rounds: Outpatient Diabetes Management, Northern Colorado Regional Medical Center, Greeley, CO

2021 Lecture, COVID-19 and type 1 diabetes. School nurse DiSH (virtual) conference in Wisconsin

2021 Lecture, School Health Education with Dr. Alonso – COVID and T1D. eCare program. School nurses from 48 schools in North Dakota, South Dakota, and Iowa.

**National**

2015 Visiting Professorship, University of Texas, Houston Medical School, Houston, TX

2017 Lecture, T1D Exchange Quality Improvement Collaborative national meeting, Tampa, FL

2020 The Smart Diabetes Visit, Epic XGM, virtual meeting

2020 Establishment of the T1DX-QI – QI Success Stories ADA webinar, virtual meeting

2021 Improving cardiovascular health in diabetes across the lifespan. Epic XGM ClinAC

2022 Managing Glucose and Insulin data. Achieving Targets in Diabetes Care. Keystone, CO

**International**

2015 Lecture, Accu-Chek Network meeting, Valetta, Malta

2016 Lecture, Achieving Targets in Diabetes, international diabetes conference, Keystone, CO

2016 Lecture, SWEET diabetes registry international investigators meeting, Tolochenaz, Switzerland

2017 Lecture, SWEET diabetes registry international investigators meeting, Paris, France

2018 Lecture, Achieving Targets in Diabetes, international diabetes conference, Keystone, CO

2018 Lectures, “Progress in the management of pediatric diabetes in the past 25 years,” and “Type 1 diabetes care: Past, present, and future (TEDDY and 25 year outcomes from the DCCT)”, Diacon 2018 Diabetes conference, Ahmedabad, Gujarat, India

2021 Lecture, Current trends in pediatric diabetes care, DIACARECON 2021 virtual conference hosted by DiaCare in Ahmedabad, Gujarat, India

2023 CGM use workshop, SWEET diabetes network, Paris, France

**Teaching Record**

**Teaching leadership and administration**

2013 – 2023 BDC clinical rotation coordinator for students and residents

2013 – 2016 BDC Grand Rounds coordinator

2013 – 2016 Pediatric Endocrinology Fellowship liaison at the BDC

2014 Pediatric Residents’ Academic Half Day, Developed material for Diabetes section

2016 – present Fellowship Review Committee

**Classroom instructional activities**

2013 – 2020 DKA Vignette, Molecules to Medicine MS1 class

2013 – present Pediatric Endocrine fellows diabetes conference, Tuesdays at noon, present 1-2 times yearly

2014 – present Growth workshop, MS2 small group

2014 – 2020 Puberty workshop, MS2 small group

2014 – 2020 Pediatric residents' Academic Half Day

2016 Pediatric physical exam, MS1 workshop

**Other teaching activities**

2014 – 2015 DKA in Childhood. BDC CME conference on childhood type 1 diabetes. 50 pharm reps from Lilly Diabetes.

2015 Quality Improvement at the BDC. Research in Progress weekly BDC Conference

2016 Embedding QI in the culture of the BDC. BDC Grand Rounds.

2017 Quality Improvement at the BDC. Research in Progress weekly BDC Conference.

2018 Diabetes in School, Camps, and Scholarships. Epic Diabetes Conference for people with type 1 and type 2 diabetes.

**Clinical teaching activities**

2013 – present Director of Education, pediatric service at BDC

2013 – present Pediatric Diabetes Consult Service at Children’s Hospital Colorado, 6-8 weeks per year

2013 – present Fellows’ Continuity Clinic at BDC, ~6 sessions per year

2017 – present Pediatric endocrinology fellowship core faculty

**Mentoring**

2013 – present Mentored 30 pediatric endocrinology fellows, including 2 scholarship oversight committees and 2 scholarly projects

2014 – 2017 Foundations of Doctoring mentor for 2 medical students

2015- present Scholarly project mentor for two medical students, 1 masters in healthcare IT student, and 2 DNP candidates

**Grant Support**

Site Primary Investigator. **Helmsley Charitable Trust -** T1D Exchange Quality Improvement Collaborative 3/1/2016 – 3/31/2024. $50,000. 10% effort.

Site Primary Investigator. **Helmsley Charitable Trust -** T1D Exchange Quality Improvement Collaborative, IT Innovator3/1/16 – 3/31/2020. $44,000. 8% effort.

Sub-investigator. Janssen Research & Development. CNTO148DML2001. T1GER- SIMPONI® to Arrest β-cell Loss in Type 1 Diabetes. $248,068. 12/15/2016-12/14/2019. 2% effort.

Sub-investigator. NIDDK DP3 Type 1 Diabetes Targeted Research Award. Home Telemedicine to Optimize Health Outcomes in High-Risk Youth with Type 1 Diabetes (PI Kim Driscoll). 4/1/2017 – 6/30/2021. $1,878,585. 10% effort.

Primary Investigator. **Helmsley Charitable Trust - A Trial of the Effect of Continuous Glucose Monitor Downloading on Diabetes Management (CapturAGP) April** 2016 - August 2017. $30,000. 5% effort.

Sub-investigator. Novo Nordisk. NN9211-4083. (PI Wadwa). 5/21/2014 – 5/20/2017. $63,005. 2.5% effort.

Site Primary Investigator. **JDRF. Tidepool clinical integration**. 9/1/2015 – 8/31/2016. $390,000. 5% effort.

Sub-investigator. JDRF. Outpatient Closed-loop Studies – ePID. (PI Buckingham, Maahs). 9/1/2014 – 8/31/2015. $686,533. 5% effort.

Sub-investigator. JDRF. Predicting Infusion Set and CGM Failure in Artificial Pancreas Systems. (PI Buckingham, Maahs). 11/1/2013 – 10/31/2015. $940,200. 5% effort.

Site Primary Investigator. JDRF. Tidepool clinical integration. (PI Look). August 2014 – July 2016. 5% effort.

Sub-investigator. Novo Nordisk. NN5401-3816. (PI Wadwa). 10/15/2013 – 10/14/2016. $103,187. 2.5% effort.

**Bibliography**

**Peer-reviewed manuscripts**

1. Error traps in the perioperative management of children with type 1 diabetes. Hoagland M, Duggar B, Hamrick J, **Alonso GT**, Martin L. Paediatr Anaesth. 2023 Sep 19. [Epub ahead of print] PubMed PMID: 37724489
2. Racial Disparities in Diabetes Technology Adoption and Their Association with HbA1c and Diabetic Ketoacidosis. Conway RB, Gerard Gonzalez A, Shah VN, Geno Rasmussen C, Akturk HK, Pyle L, Forlenza G, **Alonso GT**, Snell-Bergeon J. Diabetes Metab Syndr Obes. 2023;16:2295-2310. PubMed PMID: 37551339
3. Association Between Diabetes Technology Use and Glycemic Outcomes in Adults With Type 1 Diabetes Over a Decade. Karakus KE, Akturk HK, **Alonso GT**, Snell-Bergeon JK, Shah VN. Diabetes Care. 2023 Jul 17. PMID: 37458618.
4. A randomized controlled clinical trial to improve health outcomes in youth with type 1 diabetes: Study design and baseline characteristics. O'Donnell HK, Trojanowski PJ, **Alonso GT,** Majidi S, Snell-Bergeon J, Wadwa RP, Vigers T, Pyle L, Gurka MJ, Shaffer E, Driscoll KA. Contemp Clin Trials. 2023 08; 131:107270. PMID: 37348599.
5. Exploratory Multisite MR Spectroscopic Imaging Shows White Matter Neuroaxonal Loss Associated with Complications of Type 1 Diabetes in Children. Cai LY, Tanase C, Anderson AW, Patel NJ, Lee CA, Jones RS, LeStourgeon LM, Mahon A, Taki I, Juvera J, Pruthi S, Gwal K, Ozturk A, Kang H, Rewers A, Rewers MJ, **Alonso GT**, Glaser N, Ghetti S, Jaser SS, Landman BA, Jordan LC. AJNR Am J Neuroradiol. 2023 07; 44(7):820-827. PMID: 37263786.
6. Increased Technology Use Associated With Lower A1C in a Large Pediatric Clinical Population. **Alonso GT,** Triolo TM, Akturk HK, Pauley ME, Sobczak M, Forlenza GP, Sakamoto C, Pyle L, Frohnert BI. Diabetes Care. 2023 06 01; 46(6):1218-1222. PMID: 37023293.
7. Making Diabetes Electronic Medical Record Data Actionable: Promoting Benchmarking and Population Health Improvement Using the T1D Exchange Quality Improvement Portal. Mungmode A, Noor N, Weinstock RS, Izquierdo R, Indyk JA, DeSalvo DJ, Corathers S, Demeterco-Berggen C, Hsieh S, Jacobsen LM, Mekhoubad A, Akturk HK, Wirsch A, Scott ML, Chao LC, Miyazaki B, Malik FS, Ebekozien O, Clements MA, **Alonso GT**. Clin Diabetes. 2022 Winter;41(1):45-55. doi: 10.2337/cd22-0072. Epub 2022 Sep 23. PMID: 36714251.
8. Impact of the COVID-19 pandemic on long-term trends in the prevalence of diabetic ketoacidosis at diagnosis of paediatric type 1 diabetes: an international multicentre study based on data from 13 national diabetes registries. Birkebaek NH, Kamrath C, Grimsmann JM, Aakesson K, Cherubini V, Dovc K, de Beaufort C, **Alonso GT**, Gregory JW, White M, Skrivarhaug T, Sumnik Z, Jefferies C, Hörtenhuber T, Haynes A, De Bock M, Svensson J, Warner JT, Gani O, Gesuita R, Schiaffini R, Hanas R, Rewers A, Eckert AJ, Holl RW, Cinek O. Lancet Diabetes Endocrinol. 2022 Oct 3. [Epub ahead of print] PubMed PMID: 36202118
9. Continuous Glucose Monitoring Initiation Within First Year of Type 1 Diabetes Diagnosis Is Associated With Improved Glycemic Outcomes: 7-Year Follow-Up Study. Champakanath A, Akturk HK, Alonso GT, Snell-Bergeon JK, Shah VN. Diabetes Care. 2022 Mar 1;45(3):750-753. PubMed PMID: 35018417
10. Glycemic Control in Relation to Technology Use in a Single-Center Cohort of Children with Type 1 Diabetes. Sawyer A, Sobczak M, Forlenza G, **Alonso GT**. Diabetes Technol Ther. 2022 Feb 16.
11. Comorbidities increase COVID-19 hospitalization in young people with type 1 diabetes. Mann EA, Rompicherla S, Gallagher MP, **Alonso GT**, Fogel NR, Simmons J, Wood JR, Wong JC, Noor N, Gomez P, Daniels M, Ebekozien O. Pediatr Diabetes. 2022 Nov;23(7):968-975. PubMed PMID: 36054578
12. Differences in COVID-19 outcomes among patients with type 1 diabetes: first versus late surges. Gallagher MP, Rompicherla S, Ebekozien O, Wilkes M, Antal Z, Feuer AJ, Rioles N, Noor N, Gabriel L, O’Malley G, Golden L, **Alonso GT,** Ospelt E, Odugbesan O, Lyons S, Mungmode A, Prahalad P, Clements MA, Neyman A, Demeterco-Berggren C, Rapaport R. J Clinical Outcomes Management 2022. In Press.
13. Age and Hospitalization Risk in People with Type 1 Diabetes and COVID-19: Data from the T1D Exchange Surveillance Study. Demeterco-Berggren C, Ebekozien O, Rompicherla S, Jacobsen L, Accacha S, Gallagher MP, **Alonso GT**, Seyoum B, Vendrame F, Haw S, Basina M, Levy CJ, Maahs DM. J Clin Endocrinol Metab. 2021 Sep 28. [Epub ahead of print] PubMed PMID: 34581790.
14. Diabetes Technology Use in Remote Pediatric Patients with Type 1 Diabetes Using Clinic-to-Clinic Telemedicine. Cobry E, Reznick-Lipina T, Pyle L, Slover RJ, Thomas JF, **Alonso GT**, Wadwa RP. *Diabetes Technol Ther*. 2022 Jan;24(1):67-74. doi: 10.1089/dia.2021.0229. PubMed PMID: 34524007.
15. Trends in Type 1 Diabetic Ketoacidosis During COVID-19 Surges at 7 US Centers: Highest Burden on non-Hispanic Black Patients. Lavik AR, Ebekozien O, Noor N, **Alonso GT**, Polsky S, Blackman SM, Chen J, Corathers SD, Demeterco-Berggren C, Gallagher MP, Greenfield M, Garrity A, Rompicherla S, Rapaport R, Yayah Jones NH. J Clin Endocrinol Metab. 2022 Jun 16;107(7):1948-1955. PubMed PMID: 35380700.
16. Quality Improvement in Diabetes Care: A Review of Initiatives and Outcomes in the T1D Exchange QI Collaborative. Ginnard O ZB, **Alonso GT**, Corathers SD, Demeterco-Berggren C, Golden LH, Miyazaki, BT, Nelson G, Ospelt E, Ebekozien O, Lee JM, Obrynba, KS, DeSalvo DJ (2021). *Clinical Diabetes*. 2021. PMID: 34421200.
17. A worldwide perspective on COVID-19 and diabetes management in 22,820 children from the SWEET project: diabetic ketoacidosis rates increase and glycaemic control is maintained. Danne T, Lanzinger S, de Bock M, Rhodes E, **Alonso GT**, Barat P, Elhenawy Y, Kershaw M, Saboo B, Scharf Pinto M, Chobot A, Dovc K, on behalf of the SWEET study group. *Diabetes Technol Ther.* 2021. PMID: 34086503
18. Diabetic ketoacidosis drives COVID-19 related hospitalizations in children with type 1 diabetes. **Alonso GT**, Ebekozien O, Gallagher MP, Rompicherla S, Lyons SK, Choudhary A, Majidi S, Pinnaro CT, Balachandar S, Gangat M, Curda Roberts AJ, Marks BE, Creo A, Sanchez J, Seeherunvong T, Jimenez-Vega J, Patel NS, Wood JR, Gabriel L, Sumpter KM, Wilkes M, Rapaport R, Cymbaluk A, Wong JC, Sanda S, Albanese-O’Neill A. J Diabetes. 2021 Aug; 13(8):681-687. PMID: 33855813.
19. Inequities in Diabetic Ketoacidosis among Patients with Type 1 diabetes and COVID-19: Data from 52 US Clinical Centers. Ebekozien OE, Agarwal S, Noor N, Albanese-O Neil A, Wong JC, Seeherunvong R, Sanchez J, DeSalvo D, Lyons SK, Majidi S, Wood JR, Acharya R, Aleppo G, Sumpter KM, Cymbaluk A, Shah NA, Van Name M, Cruz-Aviles L, **Alonso GT**, Gallagher MP, Sanda S, Feuer J, Cossen K, Rioles N, Jones NH Y, Kamboj MK, Hirsh IB. JCEM. 2021.
20. Multi-Clinic Quality Improvement Initiative Increases Continuous Glucose Monitoring Use Among Adolescents and Young Adults with Type 1 Diabetes. Prahalad P, Ebekozien O, **Alonso GT**, Clements M, Corathers S, DeSalvo D, Desimone M, Lee J, Lorincz I, McDonough R, Majidi S, Odugbesan O, Obrynba K, Rioles N, Kamboj M, Jones NH Y, Maahs, DM. (2021). In Press. *Clinical Diabetes.*
21. Adoption of Telemedicine for Type 1 Diabetes Care During the COVID-19 Pandemic. Lee J, Carlson E, Albanese-O’Neill A, Demeterco-Berggren C, Corathers S, Vendrame F, Weinstock RS, Prahalad P, **Alonso GT**, Kamboj M, DeSalvo D, Malik F, Izquierdo R, Ebekozien O. *Diabetes Technology and Therapeutics.* 2021.
22. Increased prevalence of diabetic ketoacidosis among Colorado children at diagnosis of type 1 diabetes during the COVID-19 pandemic lockdown resolves after reopening. **Alonso GT**, Murphy C, Pyle L, Thomas SE, Ohman-Hanson R, Rewers A. *Diabetes Technol & Ther.* 2021.
23. Increasing Insulin Pump Use among 12-26 Year Olds with Type 1 Diabetes: Results from the T1D Exchange Quality Improvement Collaborative. Lyons S, Ebekozien O, Garrity A, Buckingham D, Odugbesan O, Thomas S, Rioles N, Gallagher K, Sonabend R, Lorincz I, **Alonso GT**, Kamboj MK, Lee J. *Clinical Diabetes.* 2021 Jul;39(3):272-277. doi: 10.2337/cd21-0027. PMID: 34421202.
24. Increased DKA at presentation among newly diagnosed type 1 diabetes patients with or without COVID-19; data from a multi-site surveillance registry. Beliard K, Ebekozien O, Meterco-Berggren C, **Alonso GT,** Gallagher MP, Clements M, Rapaport R. *Journal of Diabetes*. 2021.
25. Variation in nutrition education practices in SWEET pediatric diabetes centers - an international comparison. **Alonso GT**, Fink K, Maffeis C, Svensson J, Krepel-Volsky S, Davis E, Jarosz-Chobot P, Patel Y, Smart C. *Pediatric Diabetes*. *Pediatr Diabetes.* 2021 Mar;22(2):215-220. doi: 10.1111/pedi.13161.
26. Type 1 Diabetes and COVID-19: Preliminary Findings from a Multicenter Surveillance Study in the U.S. Ebekozien OA, Noor N, Gallagher MP, **Alonso GT**. *Diabetes Care.* 2020 Aug;43(8):e83-e85. doi: 10.2337/dc20-1088. Epub 2020 Jun 5.
27. Worldwide differences in childhood type 1 diabetes: The SWEET experience. Saiyed M, Hasnani D, **Alonso GT**¸ Richmond E, Besancon S, Cotterill A, Ngwu U, Mazza C, Rottembourg D, Lanzinger S, The SWEET Study Group. *Pediatric Diabetes*. 2021 Mar;22(2):207-214. doi: 10.1111/pedi.13137.
28. Pediatric Medicaid Patients With Type 1 Diabetes Benefit From Continuous Glucose Monitor Technology. Ravi SJ, Coakley A, Vigers T, Pyle L, Forlenza GP, **Alonso GT**. *J Diabetes Sci Technol*. J Diabetes Sci Technol. 2021 May;15(3):630-635. doi: 10.1177/1932296820906214. Epub 2020 Mar 14.
29. A Clinical Training Program for Hybrid Closed Loop Therapy in a Pediatric Diabetes Clinic. Berget C, Thomas SE, Messer LH, Thivener K, Slover RH, Wadwa RP, **Alonso GT.** J Diabetes Sci Technol. 2020 Mar;14(2):290-296. doi: 10.1177/1932296819835183. Epub 2019 Mar 12.
30. Establishment of the T1D Exchange Quality Improvement Collaborative (T1DX-QI). **Alonso GT**, Corathers S, Shah S, Clements M, Kamboj M, Sonabend R, DeSalvo D, Mehta S, Cabrera A, Rioles N, Ohmer A, Mehta R, Lee J. *Clinical Diabetes*. 2019.
31. Diabetic Ketoacidosis at Diagnosis of Type 1 Diabetes in Colorado Children, 2010-2017. **Alonso GT**, Coakley A, Pyle L, Manseau K, Thomas S, Arleta Rewers A. Diabetes Care. 2020 Jan;43(1):117-121. doi: 10.2337/dc19-0428. Epub 2019 Oct 10.
32. A Clinical Training Program for Hybrid Closed Loop Therapy in a Pediatric Diabetes Clinic. Berget C, Thomas S, Messer L, Thivener K, Slover R. Wadwa P, **Alonso GT**. *J Diabetes Sci Technol*. 2019. PMID: 30862242.
33. Misdiagnosis and DKA at Diagnosis of Type 1 Diabetes: A retrospective observational study from the Patient and Caregiver Perspectives. Muñoz C, Floreen A, Garey C, Karlya T, Jelley D, **Alonso GT**, McAuliffe-Fogarty A. *Clin Diabetes.* 2019.
34. Glycemic Outcomes with Early Initiation of Continuous Glucose Monitoring System in Recently Diagnosed Patients with Type 1 Diabetes. Mulinacci G, **Alonso GT**, Snell-Bergeon JK, Shah VN. *Diabetes Technol Ther.* 2019.
35. Prevalence of underweight, overweight, and obesity in children and adolescents with type 1 diabetes: Data from the international SWEET registry. Maffeis C, Birkebaek NH, Konstantinova M, Schwandt A, Vazeou A, Casteels K, Jali S, Limbert C, Pundziute-Lycka A, Toth-Heyn P, de Beaufort C, Sumnik Z, Cherubini V, Svensson J, Pacaud D, Kanaka-Gantenbein C, Shalitin S, Bratina N, Hanas R, **Alonso GT**, Poran L, Pereira AL, Marigliano M; SWEET Study Group. *Pediatr Diabetes*. 2018.
36. Improving the insulin pump initiation process for pediatric patients with type 1 diabetes through application of Lean QI methodology. **Alonso GT**, Hink R, DeGeorgeo MR, Vidal K, Thomas S, Swaschnig D, Speigel G, Owen S, Thurston J, Pyle L, Slover R. *The Permanente Journal*. 2018.
37. Weight gain after treatment of Graves’ disease in children. **Alonso GT**, Rabon S, White PC. *Clin Endocrinol*. 2018.
38. Change in hemoglobin A1c one year following the American Diabetes Association’s 2014 guideline update. **Alonso GT**, Pyle L, Frohnert B. *Diabetes Research and Clinical Practice.* 2017.
39. A Survey of Youth with New Onset Type 1 Diabetes: Opportunities to Reduce Diabetic Ketoacidosis. Baldelli L, Flitter B, Pyle L, Maahs D, Klingensmith G, Slover R, **Alonso GT**. *Pediatr Diabetes.* 2016.
40. Reduction of insulin related preventable severe hypoglycemic events in hospitalized children. Poppy A, Retamal-Munoz C, Cree-Green M, Wood C, Davis S, Clements S, Majidi S, Steck A, **Alonso GT**, Chambers C, Rewers A. *Pediatrics*. 2016.
41. Profound hypokalemia associated with severe diabetic ketoacidosis. Davis SM, Maddux AB, 4. **Alonso GT**, Okada CR, Mourani PM, Maahs DM. *Pediatr Diabetes*. Feb; 17(1):61-5. 2016.
42. Possibilities and challenges of a large international benchmarking in paediatric diabetology - The SWEET experience. Witsch M, Kosteria I, Kordonouri O, **Alonso GT**, Archinkova M, Besancon S, Birkebaek N, Bratina N, Cherubini V, Hanas R, Hasnani D, Iotova V, Raposo J, Schwandt A, Sumnik Z, Svensson J, Veeze H, for the SWEET Group. *Pediatr Diabetes*. 2016.

**Book Chapters**

1. **Alonso GT. “**Complications and Outcomes.” In *Pediatric Diabetic Ketoacidosis: Risk Factors and Pathophysiology, Management Strategies and Outcomes*. Eds. Duck S, Hageman JR. Nova Science Publishers. October 2015.

**Invited Comments/Editorials**

1. Continuous Glucose Monitoring and Dietary Assessment Unveils Challenges and Opportunities in School Age Children With Type 1 Diabetes in the School and at Home. **Alonso GT**. Harit D. Indian Pediatr. 2024.
2. Continuous glucose monitoring in pediatric patients. **Alonso GT**. *Diabetes Technol Ther*. 2014. 15(5):275-6.
3. Challenges in delivering smaller doses of insulin. Frohnert BI, **Alonso GT**. *Diabetes Technol Ther*. 2015. 17(9):597-9.
4. Maahs DM, Alonso GT, Gallagher MP, Ebekozien O. Comment on Gregory et al. COVID-19 Severity Is Tripled in the Diabetes Community: A Prospective Analysis of the Pandemic's Impact in Type 1 and Type 2 Diabetes. Diabetes Care 2021;44:526-532. Diabetes Care. 2021 May;44(5):e102. PubMed PMID: 33972320

**Posters and Oral Presentations**

1. Moderating Effects of Race and Sex on the Association Between Diabetes-Related Distress and BMI Among Teens. Scarlett, C.A., O’Donnell, H.K., Pardon, A.B., Reynolds, C.M., **Alonso, G.T.,** Majidi, S., Snell-Bergeon, J.K., Wadwa, R.P., & Driscoll, K.A., (2023, April). [Poster Abstract]. 2023 Society for Pediatric Psychology Annual Conference, Chicago, IL.
2. Medical Appointment Adherence and Psychosocial Outcomes in High-Risk Youth with Type 1 Diabetes. Himelhoch, A.C., Pardon, A.B., Reynolds, C.M., Scarlett, C.A., O’Donnell, H.K., **Alonso, G.T.,** Majidi, S., Snell-Bergeon, J.K., Wadwa, R.P, & Driscoll, K.A. (2023, April). [Poster Abstract]. 2023 Society for Pediatric Psychology Annual Conference, Chicago, IL.
3. The Impact of Glycemic Variability on the Relationship between Hypoglycemia and HbA1c. R. Brett McQueen, Magaly Perez-Nieves, **G. Todd Alonso,** Rattan Juneja, Katia Hannah, Ludi Fan, Emily R. Hankosky, Viral N. Shah, Yu Yan, Samuel L. Ellis. ADA 81st Scientific Sessions. 2021.
4. Race/Ethnicity Disparities of presenting symptoms and outcomes among patients with type 1 diabetes with confirmed or suspected COVID-19 in the United States. **Alonso GT**, Noor N, Gallagher MP, Odugbesan O, Ebekozian O. E-Poster presented at the International Society of Pediatric and Adolescent Diabetes 46th Annual Conference, Virtual conference. 2020.
5. A population health data platform to improve outcomes in the T1D Exchange Quality Improvement Collaborative (T1DX-QI). **Alonso GT**, Ebekozien O, Noor N, Rioles N, Carlson E, Sonabend RY, Indyk J, Weinstock RS, Lee J, Prahalad P, Lorincz I, Polsky S, Clements MA. E-Poster presented at the International Society of Pediatric and Adolescent Diabetes 46th Annual Conference, Virtual conference. 2020.
6. Improving diabetes care through population health studies: insights from the largest U.S population based T1D cohort. Noor N, **Alonso GT**, Lyons S, Odugbesan O, McDonough R, Kamboj M, Desimone M, Corathers S, Ebekozien O. E-Poster presented at the International Society of Pediatric and Adolescent Diabetes 46th Annual Conference, Virtual conference. 2020.
7. Evaluation of a Control-IQ Follow-up Program by Diabetes Educators. Messer LH, Berget C, Towers L, Otten B, Ernst A, Karami A, Thomas S, Cobry E, **Alonso GT**, Slover RH, Wadwa RP, Forlenza GP. E-Poster presented at the International Society of Pediatric and Adolescent Diabetes 46th Annual Conference, Virtual conference. 2020.
8. Increase in Diabetic Ketoacidosis at Diagnosis of T1D in Colorado Children, 2010-2017. **Alonso GT**, Coakley A, Pyle L, Manseau K, Thomas S, Rewers A. ADA 79th Scientific Sessions. 2019.
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Signed: 20 Feb 2024