

# EPIC DIABETES CONFERENCE

MAY 22, 2021 | 8:30 AM - 2:45 PM

EMPOWERING PATIENTS  
FOR  
INDIVIDUALIZED CARE



# EPIC: Empowering YOU

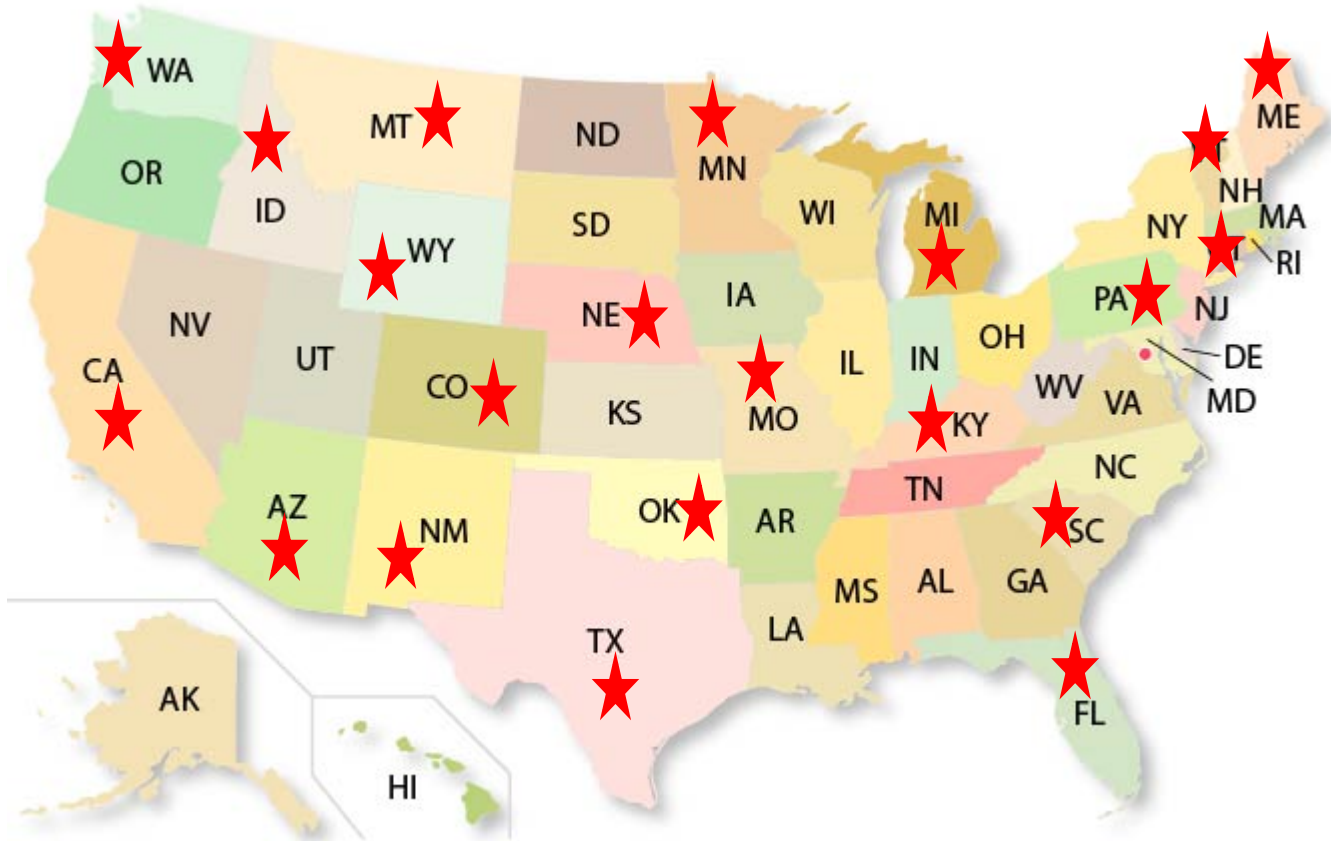
## WELCOME

**Sarit Polsky, MD, MPH**

Assistant Professor of Medicine and Pediatrics  
Director of the Pregnancy and Women's Health Clinic  
Barbara Davis Center for Diabetes  
University of Colorado Denver



# Distribution of EPIC Conference Attendees



- U.S.A. (21 states)
- Belgium
- Romania
- Chile

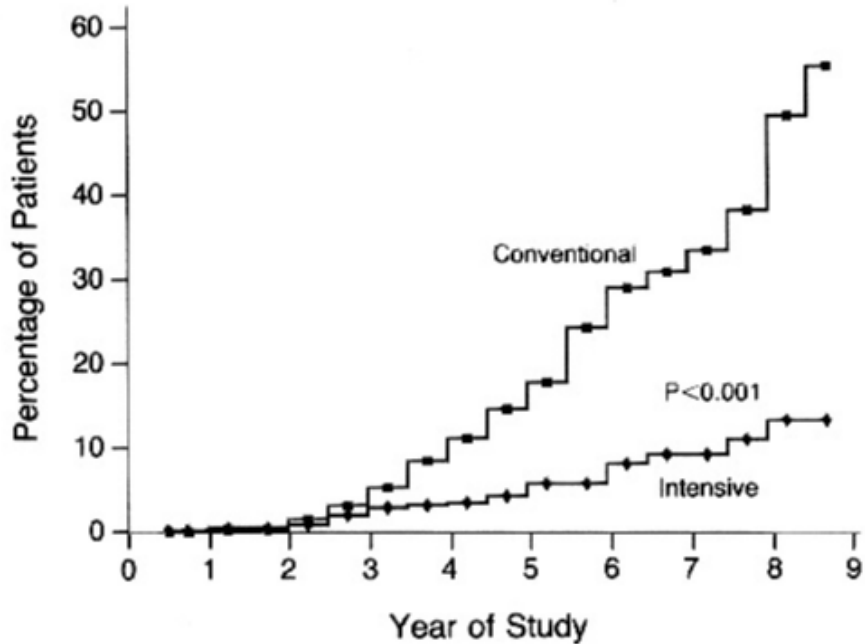
# EPIC Conference 2021 Theme

# CONNECTIVITY



# Connection between A1C and DM Complications

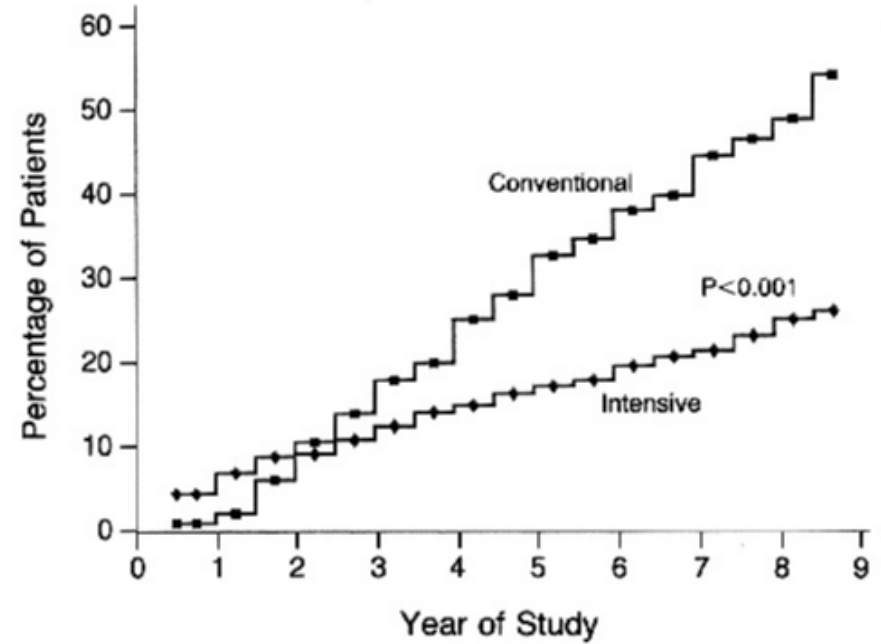
## Retinopathy Onset



Conventional	375	220	79	52
Intensive	342	202	78	49

A

## Retinopathy Progression

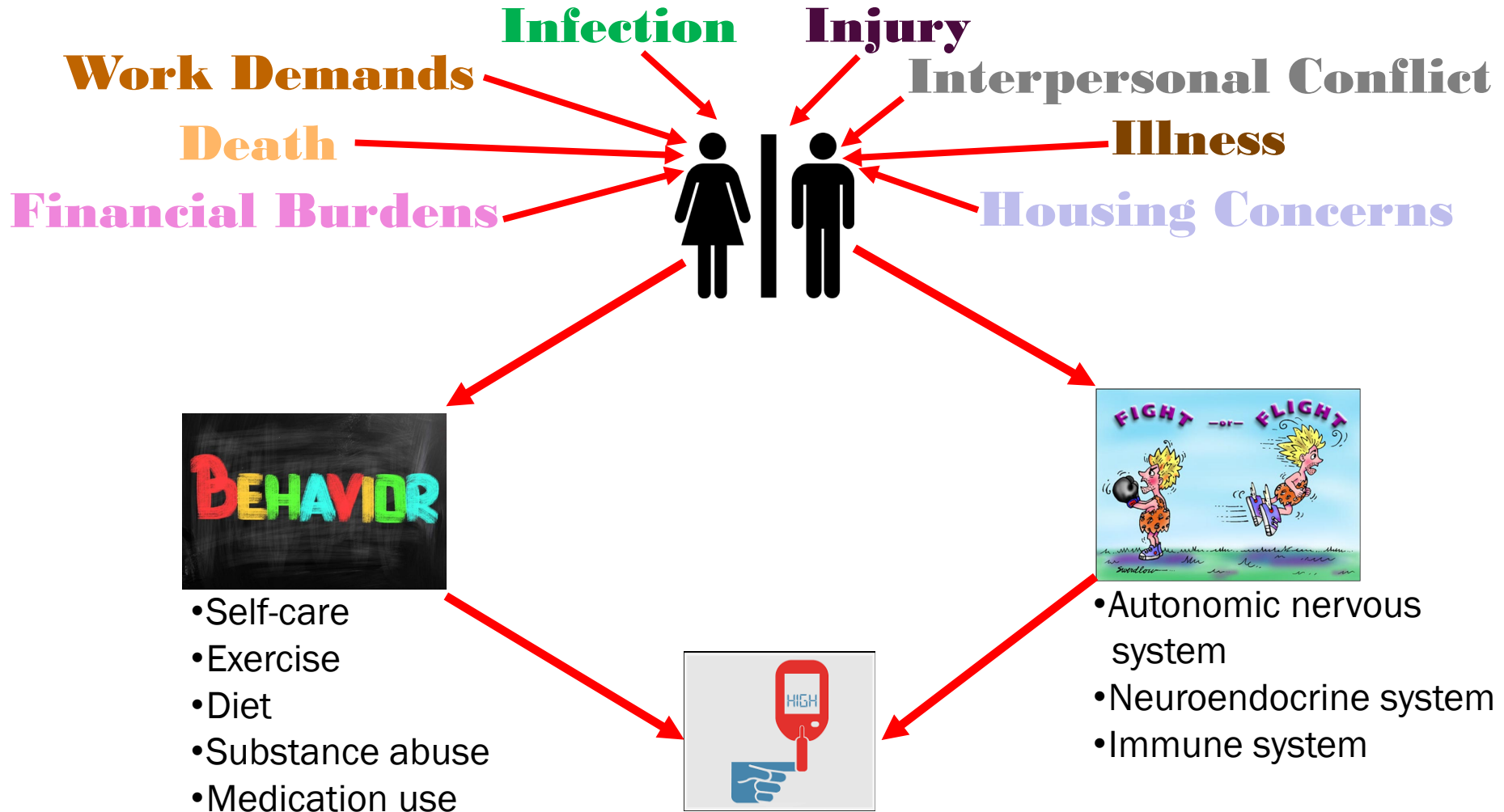


Conventional	348	324	128	79
Intensive	354	335	136	93

B

Nathan DM, et al. *NEJM*. 1993. 329(14): 977-986.

# Connection between Mind and Body: Stress



Lloyd C, et al. *Diabetes Spectrum*. 2005. 18(2): 121-127.

# Social and Community Connections



# CDF SUPPORT GROUPS

- Denver Metro Area
- Colorado Springs, CO
- Northeastern Colorado (Sterling, Iliff, Merino, Hatxun, Crook, Fleming)
- “The Keepers” in Denver – parents & caregivers of teens with type 1
- Fort Collins, CO
- Central Rockies (Lake County, Leadville, Summit County, Eagle County, and Chaffee County)
- Cheyenne, WY
- Rifle, CO (Grand Junction, Glenwood Springs, Delta, Grand Mesa)
- Douglas County, CO
- Digital – Virtual meetings for anyone regardless of location, age, and connection to diabetes
- Teen Connection Community *New!* (Virtual)
- Southeastern Colorado (Pueblo, Canon City, Lamar, etc.) *New!*



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[ChildrensDiabetesFoundation.org/Support-Groups](https://ChildrensDiabetesFoundation.org/Support-Groups)





# ADA IMAGINE CAMP

The ADA has decided to transition 2021 camps to virtual participation.

The American Diabetes Association® (ADA) Imagine Camp program is designed to facilitate an at-home, virtual experience connecting kids and their families. Session dates and times for ADA Imagine Camp are below:

- Session 1: June 7-11 (Monday-Friday@12:00PM EST/11:00AM CT/10:00AM MT/9:00AM PT)
- Session 2 : June 21-25 (Monday-Friday @3:00:PM EST/2:00 PM CT/1:00 PM MT/12:00 PT)
- Session 3: July 12-16 (Monday-Friday @12:00PM EST/11:00AM CT/10:00AM MT/9:00AM PT)
- Session 4: July 26-30 (Monday-Friday @4:00:PM EST/ 3:00 PM CT/2:00 PM MT/1:00 PM PT)

ADA Imagine Camp is offered through four one-week sessions,

Families can register for one or multiple weeks AT NO-COST! You can start the registration process at [www.diabetes.org/ImagineCamp](http://www.diabetes.org/ImagineCamp)



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[www.Diabetes.org/ImagineCamp](http://www.Diabetes.org/ImagineCamp)



# EPIC Conference 2021 Theme

# CONNECTIVITY



# Digital Connections: Remote Monitoring

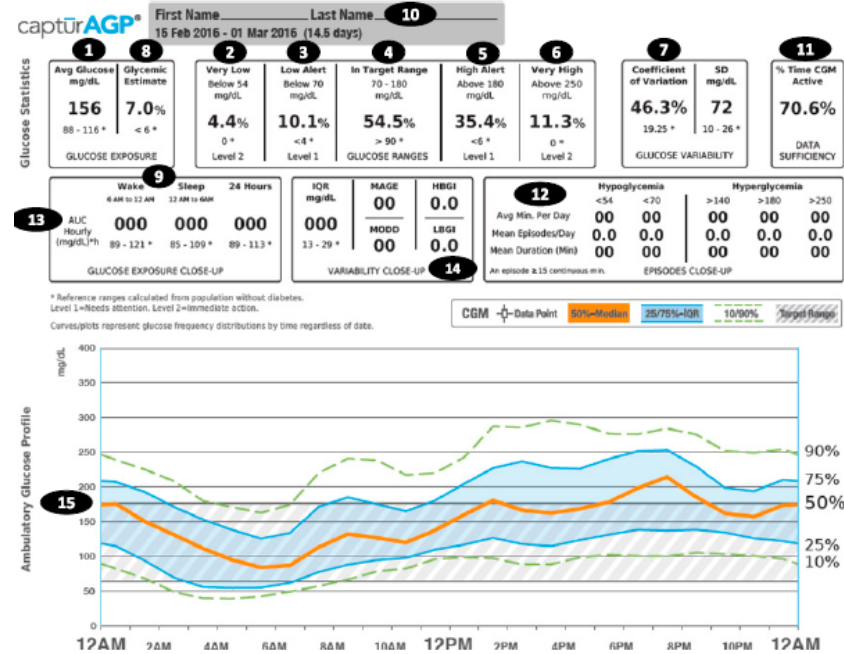
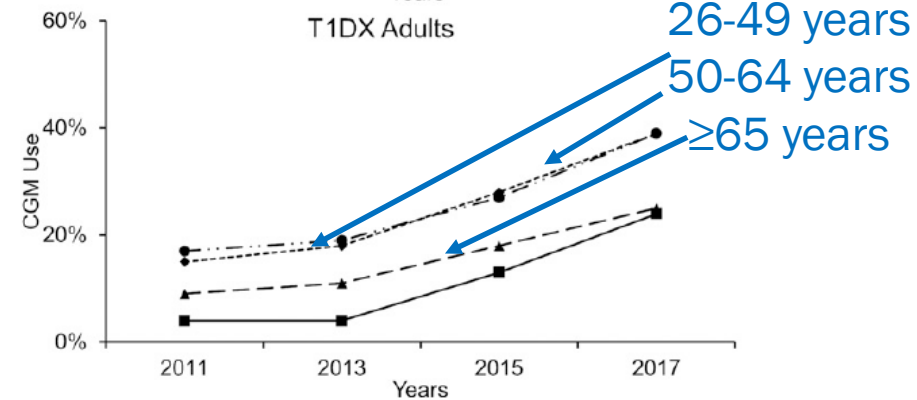
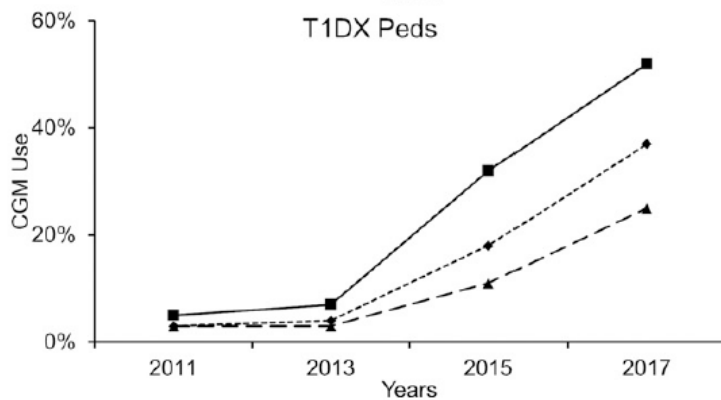
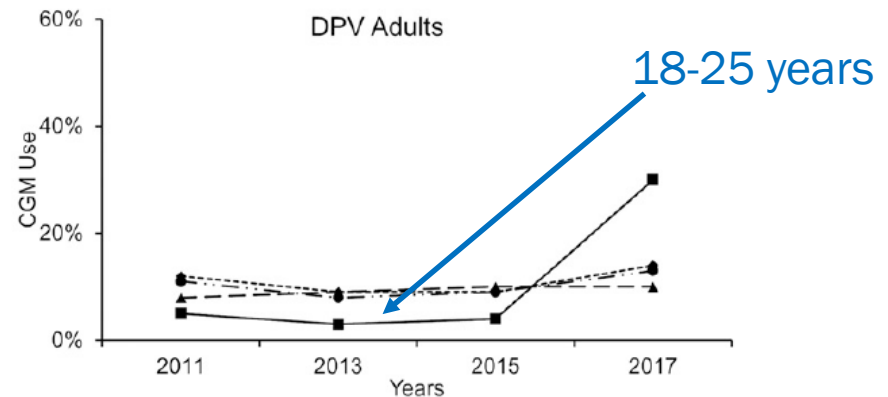
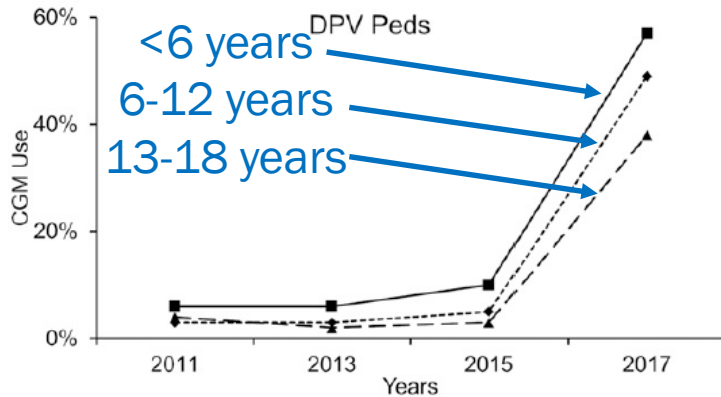


Figure 1—The electronic AGP report visualizes the key CGM metrics: 1) mean glucose, 2) hypoglycemia: clinically significant/very low/immediate action required, 3) hypoglycemia: alert/low/monitor, 4) target range, 5) hypoglycemia: alert/elevated/monitor, 6) hyperglycemia: clinically significant/very elevated/immediate action required, 7) glycemic variability, 8) eA1C, 9) time blocks, 10) collection period, 11) percentage of expected readings, 12) hypoglycemia/hyperglycemia episodes, 13) area under the curve, 14) hypoglycemia/hyperglycemia risk, and 15) standardized rCGM/iCGM visualization. AUC, area under the curve; Avg; average; IQR, interquartile range; MAGE, mean amplitude of glucose excursions; MODD, mean of daily differences.

Danne T, et al. *Diabetes Care*. 2017. 40: 1631-1640.

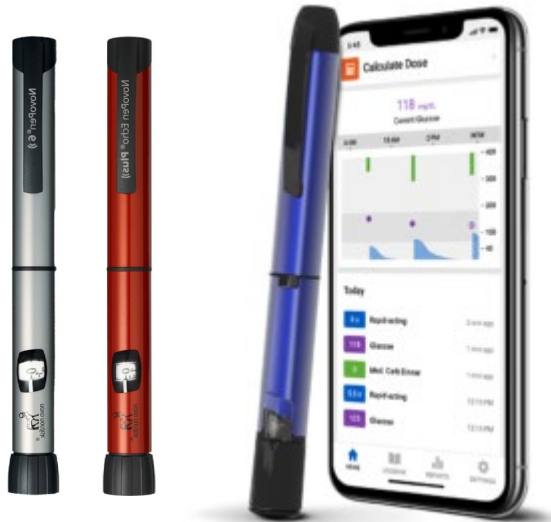
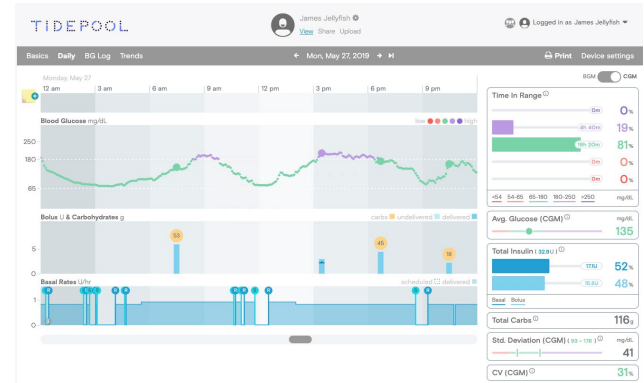
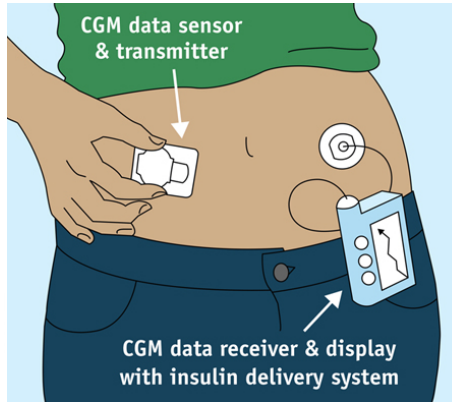
# Digital Connections: Remote Monitoring



DPV: German/Austrian Diabetes Patienten Verlaufsdocumentation  
T1DX: T1D Exchange registry

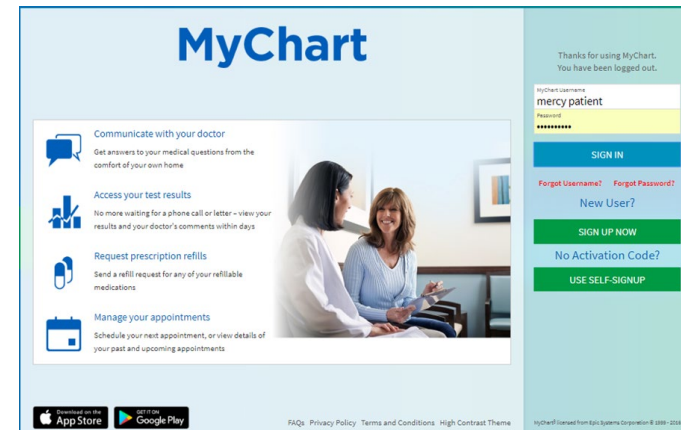
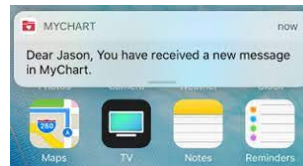
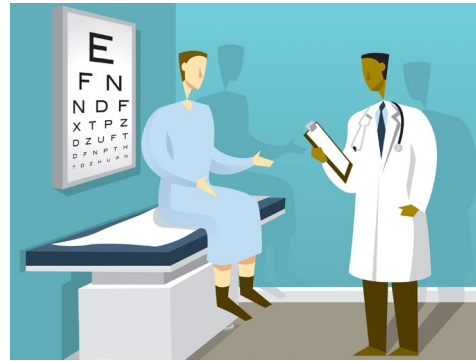
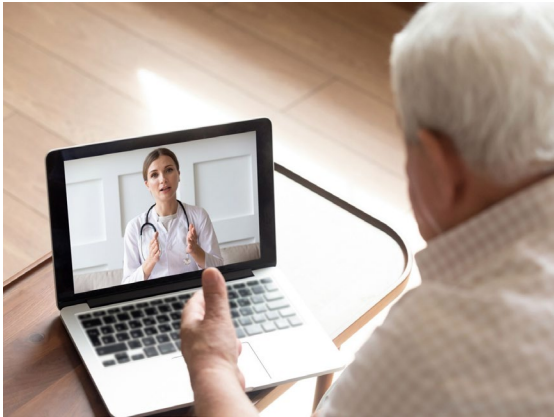
Miller KM, et al. *Diabetes Care*. 2020. 43(1): e1-e2.

# Digital Connections: Remote Monitoring





# Digital Connections: Providers and Data



# Connecting with Resources



mySugr



insulia



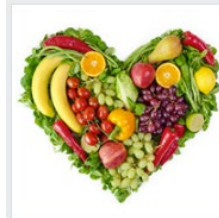
Support  
Community

Diabetes Care Community  
Learn, connect and care.



DiabetesCommunity.com  
the global diabetes community

facebook



Diabetes Support

JDRF  
typeone nation

#DSMA



DIABETES

CLOSE CONCERNS

# EPIC Conference 2021 Theme

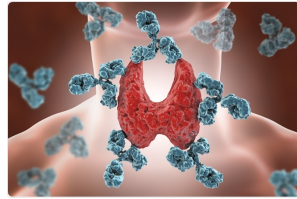
# CONNECTIVITY





# Connections: Diabetes and Other Health Disorders

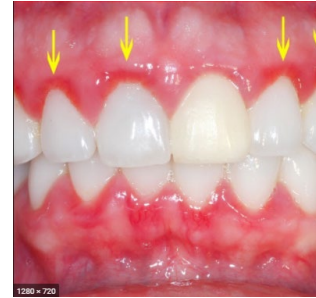
**Immunity: Infections, Autoimmune Diseases**  
(e.g., thyroid, celiac)



**Cancer**  
(e.g., liver, colon, breast)



**Periodontal Disease**



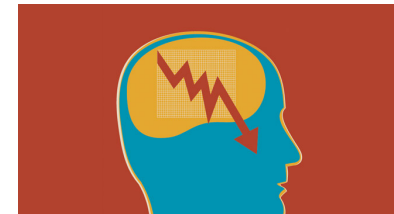
**NAFLD**



**Bone, Muscle**



**Cognitive Decline/Dementia**

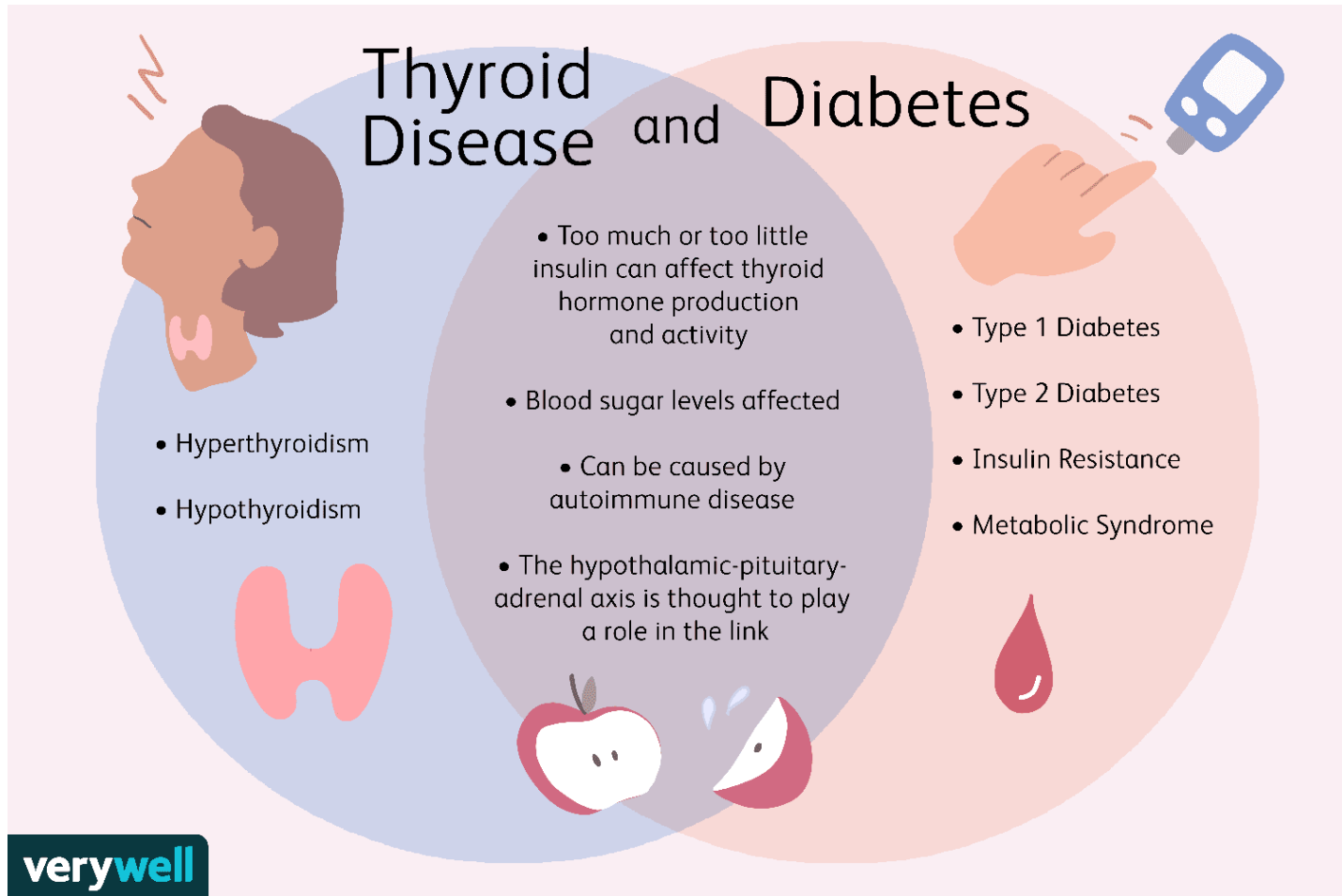


**Hearing Impairment**



ADA. *Diabetes Care*. 2021. 44(Suppl 1): S40-S52.  
Dimitri-Pinheiro S, et al. *Porto Biomed J*. 2021. 6(1): e112.

# Connections: Diabetes and Other Health Disorders



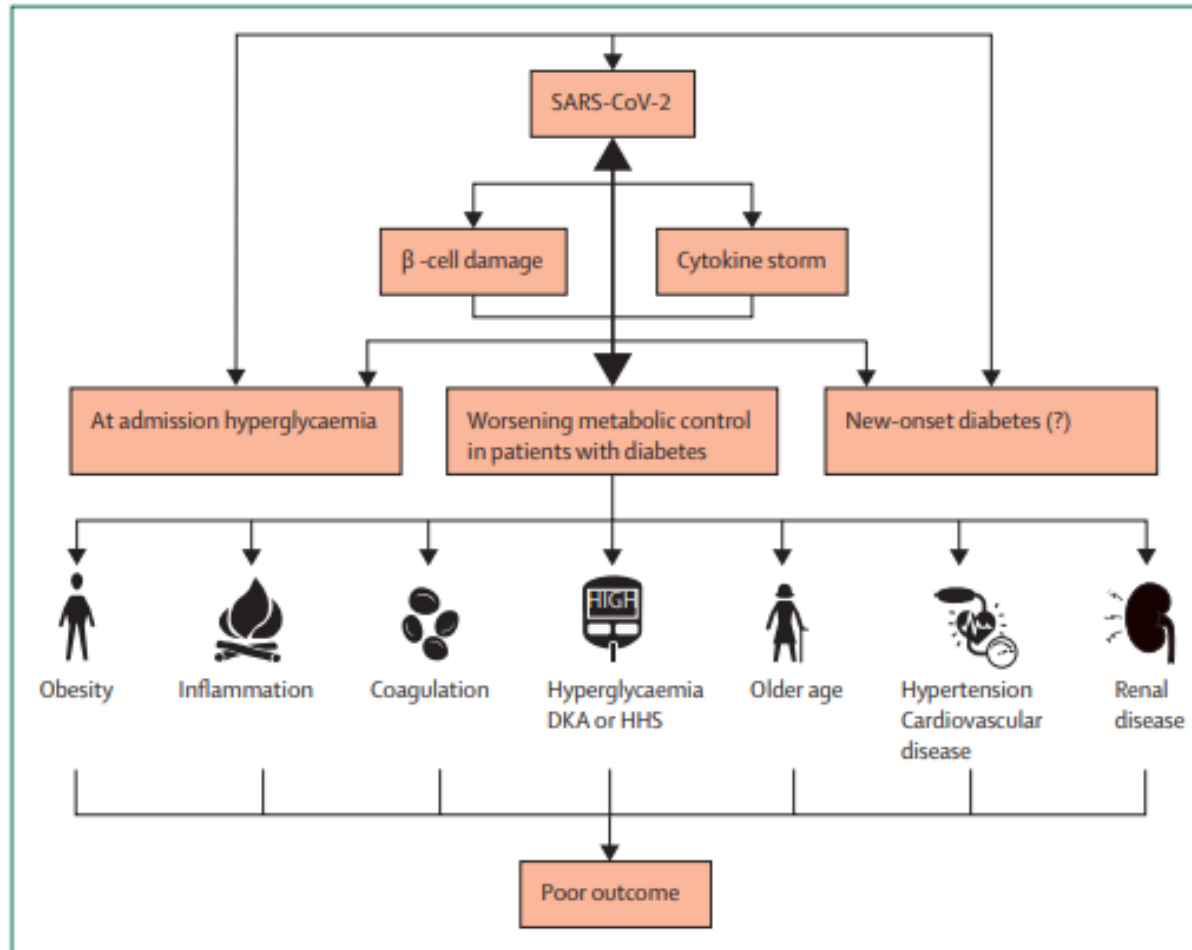
Gilles G. verywell health (online). Reviewed by Do-Eun Lee, MD. July 3, 2020.

# EPIC Conference 2021 Theme

# CONNECTIVITY



# Connections: COVID-19 and Diabetes



Arpicella M, et al. *Lancet*. 2020. 8: 782-792.

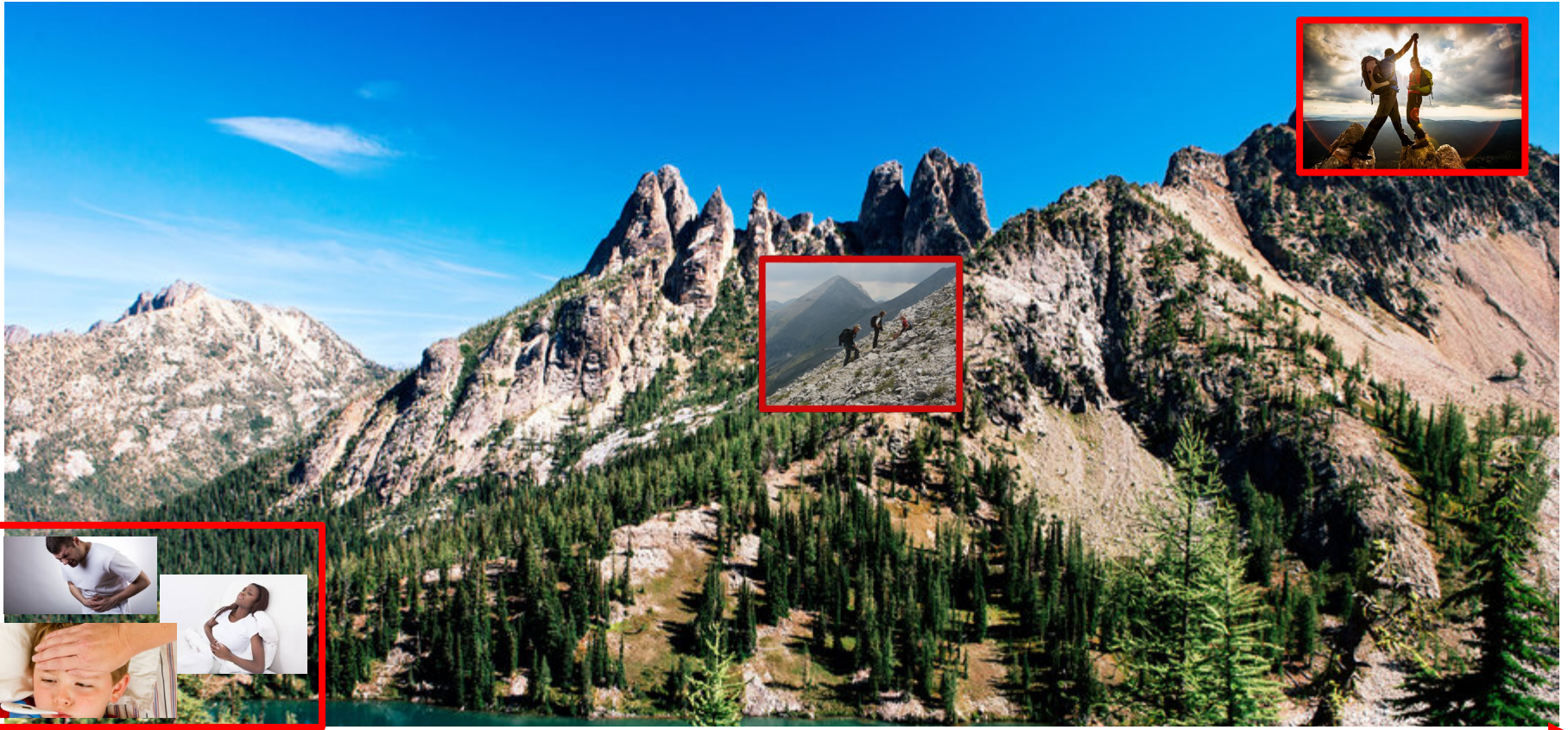
# Connecting Diabetes Centers Across the U.S.



- Connected centers: 81
- Established registry (all ages)
- Collected data
  - T1D management
  - T1D outcomes
  - >100 presentations
- Collaborations in and outside of the U.S.
- Conducted research studies
  - Policy change
  - Guidelines updates
  - Regulatory approvals

Beck RW, Miller KM, et al. *Diabetes Tech & Ther.* 2019. 21(6): 310-312.





PAST

PRESENT

FUTURE

# CONFERENCE LINKS

## General Sessions:

<https://ucdenver.zoom.us/j/95586502386>

## Breakout Sessions:

<https://ucdenver.zoom.us/j/97128410637>



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# CONFERENCE SCHEDULE

8:30-9:00 AM Welcome and Diabetes Today (All Tracks) – Sarit Polsky, MD, MPH

9:00-10:00 AM Connections between Diabetes and Bodily Health

## Adult Track

*Remote Monitoring:*

*Digital Diabetes Communication*

Aaron Michels, MD

## Pediatric Track

*Remote Monitoring:*

*Rules of Engagement*

Holly O'Donnell, PhD

## Advanced Track

*Diabetes Affects Others:*

*Supporters & Caregivers*

Jane Reusch, MD and  
Brigitte Frohnert, MD, PhD

10:00-11:00 AM Connections between Diabetes and Mental/Emotional Health

## Adult Track

*Adult Mental/Emotional Health*

Viral Shah, MD and

Jenna Eisenberg, MS, LMFT

## Pediatric Track

*Pediatric Mental/Emotional Health*

Shideh Majidi, MD and

Ellen Fay-Itzkowitz, MS

## Advanced Track

*Online Decision Support*

Robert Slover, MD

11:00 AM – 12:00 PM Covid-19 and Diabetes (All Tracks) – Todd Alonso, MD



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# CONFERENCE SCHEDULE

12:00 – 12:30 PM Lunch Break

12:30-1:30 PM Session 3

## Adult Track

*Diabetes Advice and Resources*

Cecilia Low Wang, MD

## Pediatric Track

*Community Connections for*

*Children and Adolescents*

Kimber Simmons, MD

## Advanced Track

*Diabetes' Connection to Other*

*Health Disorders*

Alexandra Reiher, MD and

Taylor Triolo, MD

1:30 – 2:15 PM Moderator: Sarit Polsky, MD, MPH

Keynote Address

*Connectivity*

Kellee Miller, PhD (Senior Epidemiologist at the Jaeb Center for Health Research and for the T1D

Exchange Clinic Network and Registry)

2:15-2:30 PM Keynote Q&A

2:30-2:45 PM Closing Remarks – Greg Forlenza, MD

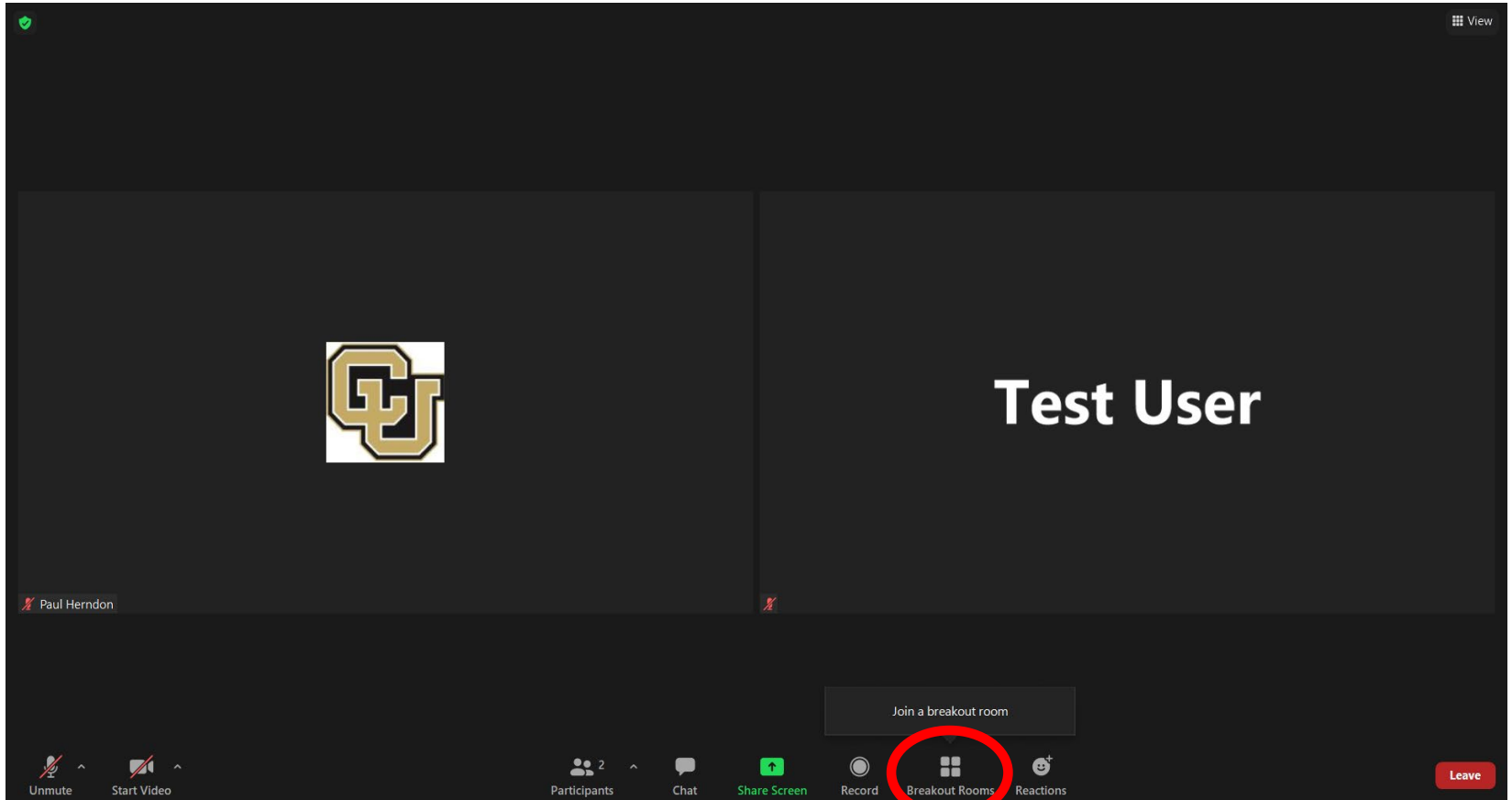


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# BREAKOUT SESSIONS

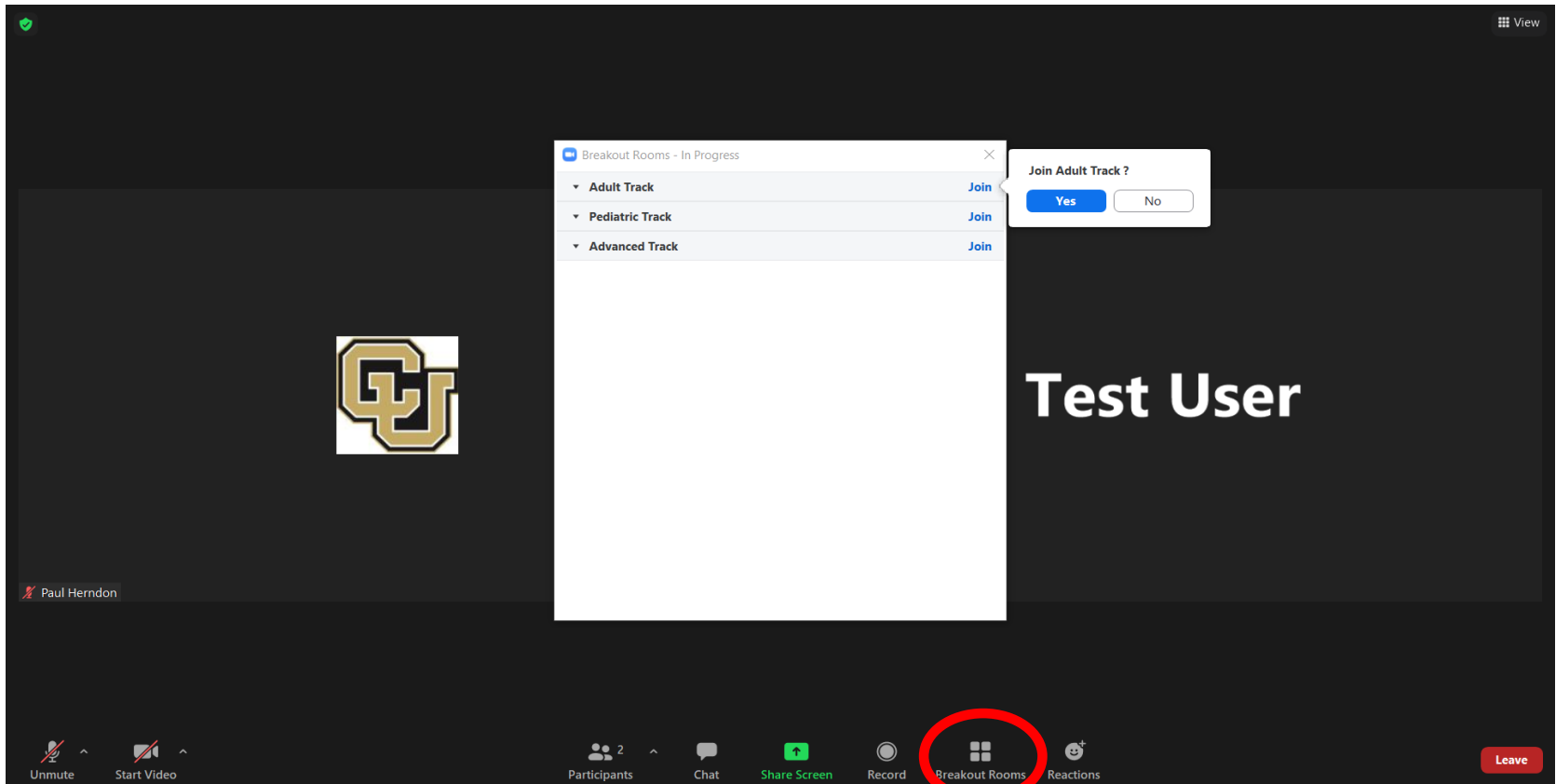


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# BREAKOUT SESSIONS



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Your comments/questions will be addressed by the moderator at the end of each presentation.

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# WE WANT YOUR FEEDBACK!

On Sunday, May 23rd, all conference participants will receive an email with a link to a post-event survey.

You can win one of three, \$50 Amazon gift cards for your participation in the survey! Be sure to enter your email address at the bottom of the form for a chance to win!

Winners will be selected at random and will receive one \$50 Amazon gift card each.



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**PRESENTED BY:**

**Barbara Davis Center for Diabetes**

**and the**

**Children's Diabetes Foundation**



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Informational and product handouts from our sponsors are available to all participants.

The next few slides will include contact information for some diabetes companies and a QR code that you scan with your phone camera to direct you to a sponsor's handouts.

We invite you to reach out to these reps with any questions or interest!

**SCAN ME!**



All Sponsor Handouts

**dexcom**



*Lilly*

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# Barbara Davis Center for Diabetes

UNIVERSITY OF COLORADO  
**ANSCHUTZ MEDICAL CAMPUS**

[www.BarbaraDavisCenter.org](http://www.BarbaraDavisCenter.org)

303-724-2323



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**Children's Diabetes Foundation**

to support this conference for future years.



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# ALL RESEARCH STUDIES AND CONTACTS

## *Bone Health In Adults With Type 1 Diabetes*

Prakriti Joshee  
303-724-9925  
[Prakriti.joshee@cuanschutz.edu](mailto:Prakriti.joshee@cuanschutz.edu)

## *Autoimmunity Screening for Kids (ASK) study*

303.724.1275  
[www.ASKhealth.org](http://www.ASKhealth.org)

## *Barbara Davis Center Colorado CGM Program*

Katie Thivener  
303-724-9998,  
[katelin.thivener@cuanschutz.edu](mailto:katelin.thivener@cuanschutz.edu)

## *Use of the Guardian™ Connect System with Smart Connected Devices*

Emily Fivekiller  
Office 303-724-8916  
Cell 720-446-8078  
Email: [Emily.Fivekiller@CUAnschutz.edu](mailto:Emily.Fivekiller@CUAnschutz.edu)

## *Daily Predictors of Diabetes Self-Management in Adolescents/Young Adults with Diabetes*

Emily Fivekiller  
Office 303-724-8916  
Cell 720-446-8078  
Email: [Emily.Fivekiller@CUAnschutz.edu](mailto:Emily.Fivekiller@CUAnschutz.edu)

## *The Pediatric Artificial Pancreas (PEDAP) trial: A Randomized Controlled Comparison of the Control-IQ technology versus Standard Care in Young Children in Type 1 Diabetes*

Cari Berget  
720-454-6938  
[cari.berget@cuanschutz.edu](mailto:cari.berget@cuanschutz.edu)

## *FOCUS*

Drake Giese  
Work: (303)-724-3878  
[Drake.Giese@cuanschutz.edu](mailto:Drake.Giese@cuanschutz.edu)

## *PICLS (Pregnancy Intervention With a Closed Loop System)*

Dr. Sarit Polsky, Principal Investigator:  
[Sarit.Polsky@cuanschutz.edu](mailto:Sarit.Polsky@cuanschutz.edu) 303-724-8575 or  
Lisa Sher, Research Coordinator:  
[Lisa.Sher@cuanschutz.edu](mailto:Lisa.Sher@cuanschutz.edu) 303-724-8369

## *TrialNet Pathway to Prevention (TNO1)*

TrialNet  
720-346-1034,  
[HALI.BRONCUCIA@CUANSCHUTZ.EDU](mailto:HALI.BRONCUCIA@CUANSCHUTZ.EDU)

## *MR Imaging sub-study*

Morgan Sooy  
303-724-5686  
[MORGAN.SOOY@CUANSCHUTZ.EDU](mailto:MORGAN.SOOY@CUANSCHUTZ.EDU)

## *TrialNet Hydroxychloroquine Prevention Study*

Brenda Bradfield  
303-724-8595  
[BRENDA.BRADFIELD@CUANSCHUTZ.EDU](mailto:BRENDA.BRADFIELD@CUANSCHUTZ.EDU)

## *TrialNet Tolerance Using Plasmid in People with T1D Study (TN27, TOPPLE)*

Morgan Sooy  
303-724-5686  
[MORGAN.SOOY@CUANSCHUTZ.EDU](mailto:MORGAN.SOOY@CUANSCHUTZ.EDU)

## *PRV-003-001 (PROTECT)*

Lexie Chesshir  
303-724-1755  
[LEXIE.CHESSHIR@CUANSCHUTZ.EDU](mailto:LEXIE.CHESSHIR@CUANSCHUTZ.EDU)

## *MAS-1 Adjuvanted Antigen-specific Immunotherapeutic for Prevention and Treatment of Type 1 Diabetes (MER3101)*

Lexie Chesshir  
303-724-1755  
[LEXIE.CHESSHIR@CUANSCHUTZ.EDU](mailto:LEXIE.CHESSHIR@CUANSCHUTZ.EDU)

## *TWIN Family Study*

Morgan Sooy  
303-724-5686  
[MORGAN.SOOY@CUANSCHUTZ.EDU](mailto:MORGAN.SOOY@CUANSCHUTZ.EDU)

## *Immune Biomarkers*

Hali Broncucia  
720-346-1034,  
[HALI.BRONCUCIA@CUANSCHUTZ.EDU](mailto:HALI.BRONCUCIA@CUANSCHUTZ.EDU)



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# Thank you



BDC Staff:

Regina, Christie, Anne, and Sandy

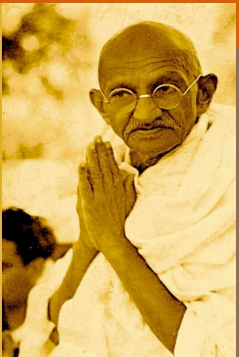
Speakers from BDC and community practices

CDF Staff:

Dana Davis, Amanda, Paige, Raleigh, Ben, and Bradley

Sponsors

"Namaste.  
I honor the place  
in you where the  
entire Universe  
resides. A place  
of light, of love,  
of truth, of peace,  
of wisdom.  
I honor the place  
in you where  
when you are in  
that place and I  
am in that place  
there is only  
One of us."  
- Mahatma  
Gandhi



## Namaste!

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