This research survey focuses on the CGM in the Cloud Facebook group and the Nightscout system. Please fill out this survey even if you *do not* use Nightscout.

This survey is for **adults**. If you are a minor (<18 years) please have your parent fill this out for your family.

We are collecting information about **households**, so if there are two individuals in your household in the Facebook group, **please have just one person fill out the survey.**

Definitions:

*A **household** consists of one or more people who live in the same dwelling and also share meals or living accommodation, and may consist of a single family or some other grouping of people.*

***CGM in the Cloud** is the Facebook group that was created for the purpose of sharing information about the Nightscout System with an online community.*

*The **Nightscout system** allows you to attach a device to the Dexcom receiver that transmits the glucose readings to the internet, where any web-connected device can view the numbers. For more information see: http://www.nightscout.info/*

This survey was created with CGM in the Cloud community members and colleagues from the University of Michigan. If you have questions or concerns please contact Dr. Joyce Lee at: joyclee@umich.edu. This study was approved by the University of Michigan IRB: HUM00099772.

Please tell us your relationship with Diabetes.
I am: (Select all that apply)

- [ ] Someone who works in the area of Diabetes
- [ ] An individual with Diabetes
- [ ] The caregiver/parent/guardian of an individual with Diabetes
- [ ] A spouse/significant other of an individual with Diabetes
- [ ] A relative of an individual with Diabetes
- [ ] A friend of an individual with Diabetes
- [ ] None of the Above
- [ ] Other (specify): _____

Display This Question:

If Please tell us your relationship with Diabetes. I am: (Select all that apply) = Someone who works in the area of Diabetes

If you work in the area of diabetes, please indicate what your role is: (Select all that apply)

- [ ] Dietitian
- [ ] Researcher
- [ ] Physician
- [ ] Nurse Practitioner (NP)
- [ ] Registered Nurse (RN)
- [ ] Certified Diabetes Educator (CDE)
- [ ] Insurance Company Employee
- [ ] Diabetes Pharmaceutical Company Employee
- [ ] Diabetes Device Company Employee
- [ ] Diabetes Funding Organization Employee
- [ ] Diabetes Nonprofit Employee
- [ ] Diabetes Research Organization Employee
- [ ] Diabetes Social Media (Blogger, etc)
- [ ] Other (specify): _____

Are you a member of the CGM in the Cloud Facebook group?

CGM in the Cloud *is the Facebook group that was created for the purpose of sharing information about the Nightscout System with an online community.*

- O Yes
- O No

How did you first hear about the CGM in the Cloud Facebook group?

- O Friend
- O Family
- O Social media via Facebook
- O Social media via Twitter
- O Social media via Blogpost
- O Traditional Media (article in the newspaper, or news on TV or the radio)
- O Healthcare provider
- O Other (specify): _____

How did you **first** hear about the Nightscout Project? The **Nightscout system** allows you to attach a device to the Dexcom receiver that transmits the glucose readings to the internet,

where any web-connected device can view the numbers. For more information see: http://www.nightscout.info/

- O Friend
- O Family
- O Social Media via the CGM in the Cloud Facebook group
- O Social media via Facebook (Facebook group or connections other than the CGM in the Cloud group)
- O Social media via Twitter
- O Social media via Blogpost
- O Traditional Media (article in the newspaper, or news on TV or the radio)
- O Healthcare provider
- O Other (specify): _____

End of Block: Who are you/How Did You Hear About NS/CGM in the Cloud

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Start of Block: CGM in the cloud member engagement

Display This Question:

If Are you a member of the CGM in the Cloud Facebook group? CGM in the Cloud is the Facebook g... = Yes

In the past week, on average, how many minutes **per day** have you spent on the CGM in the Cloud Facebook group?

- O 0 minutes
- O Less than 10 minutes
- O 10 to 29 minutes
- O 30 to 59 minutes
- O 1 to less than 2 hours
- O 2 to less than 3 hours
- O 3 hours or more

Display This Question:

If Are you a member of the CGM in the Cloud Facebook group? CGM in the Cloud is the Facebook g... = Yes

How likely are you to use the CGM in the Cloud Facebook group to...

	Not at all likely	A little likely	Somewhat likely	Very likely	Extremely likely
Learn more about the latest technology in diabetes	O	O	O	O	O
Learn more about diabetes in general	O	O	O	O	O
Learn more about Nightscout	O	O	O	O	O
Share information about diabetes and/or diabetes technology	O	O	O	O	O
Give technical assistance to other individuals using Nightscout	O	O	O	O	O
Receive technical assistance from other individuals using Nightscout	O	O	O	O	O
Give emotional support for diabetes	O	O	O	O	O
Receive emotional support for diabetes	O	O	O	O	O

Have you met anyone from the CGM in the Cloud community in person that you hadn't met before, because of a connection through the Facebook group?

- O Yes
- O No
- O I don't know

Have you or someone in your household been **helped** by following medical advice or health information found on the CGM in the Cloud Facebook Group?

- O Yes, please describe _____
- O No
- O I don't know

Have you or someone in your household been **harmed** by following medical advice or health information found on the CGM in the Cloud Facebook Group?

- O Yes, please describe _____
- O No
- O I don't know

End of Block: CGM in the cloud member engagement

Start of Block: Paying it forward (HOUSEHOLD)

Have you helped others in the CGM in the Cloud community by "paying it forward" (i.e. provide diabetes-related help/assistance to someone else in the community)?

- O I have helped others
- O I have NOT helped others
- O I don't know

Display This Question:

If Have you helped others in the CGM in the Cloud community by "paying it forward" (i.e. provide dia... = I have helped others

If so, please describe the activities that you/your household have contributed (check all that apply).

- ☐ Writing computer code
- ☐ Answering questions on the CGM in the Cloud Facebook group
- ☐ Answering questions in person
- ☐ Writing documentation
- ☐ Creating diagrams/figures
- ☐ Creating memes
- ☐ Expanding Nightscout to other countries
- ☐ Forming local Nightscout groups
- ☐ Other (specify): _____

Display This Question:

If If If so, please describe the activities that you/your household have contributed (check all that ap... q://QID314/SelectedChoicesCount Is Greater Than or Equal to 1

Can you tell us more about what you have contributed? If you are willing, please share links.

_____

_____

_____

_____

_____

Display This Question:

If If If so, please describe the activities that you/your household have contributed (check all that ap... q://QID314/SelectedChoicesCount Is Greater Than or Equal to 1

If you have any additional resources you would like to share with us, please upload the file here.

End of Block: Paying it forward (HOUSEHOLD)

Start of Block: Trust Questions

In general, please select which group is more helpful when you need certain types of information or support about health: health professionals like doctors and nurses, fellow patients, friends, and family, or both equally

	Professional sources like doctors and nurses	Fellow patients, friends, and family	Both equally
Information about prescription drugs	O	O	O
Information about alternative treatments	O	O	O
A recommendation for a doctor or specialist	O	O	O
A recommendation for a hospital or other medical facility	O	O	O
Emotional support in dealing with a health issue	O	O	O
A quick remedy for an everyday health issue	O	O	O
Practical advice for coping with day-to-day health situations	O	O	O

End of Block: Trust Questions

Start of Block: Prying/Empower

As a member of the CGM in the Cloud Facebook Group, regardless of whether you currently use Nightscout or not, we wanted to ask you a few questions about your perceptions of the Nightscout technology. The **Nightscout system** allows you to attach a device to the Dexcom receiver that transmits the glucose readings to the internet, where any web-connected device can view the numbers. For more information see: http://www.nightscout.info/
Please describe how you feel about the Nightscout technology.

How prying do you think Nightscout technology is?

- O Not at all prying
- O A little prying
- O Somewhat prying
- O Very prying
- O Extremely prying

How empowering do you think Nightscout technology is?

- O Not at all empowering
- O A little empowering
- O Somewhat empowering
- O Very empowering
- O Extremely empowering

End of Block: Prying/Empower

Start of Block: Diabetes/Demo questions MYSELF

Now we would like to ask you more questions regarding **you** and **your diabetes care.**

How would you describe your overall health?

- O Excellent
- O Very Good
- O Good
- O Fair
- O Poor

What type of diabetes do you have?

- O Type 1 Diabetes
- O Type 2 Diabetes
- O Other type of Diabetes (specify): _____
- O I don't know

How old were you when you were **diagnosed** with diabetes (please enter in number of years)?

(Enter 9999 if you do not know)

_____

How do you usually take insulin? (Check all that apply)

- ☐ Pump
- ☐ Injections/Pens
- ☐ I do not take insulin

Display This Question:

If How do you usually take insulin? (Check all that apply) = Pump

If you are on an insulin pump, which type are you currently using?

- O Medtronic Minimed
- O Animas One Touch Ping
- O Insulet Omnipod
- O Tandem T:Slim
- O Roche Insulin Delivery System
- O Sooil Dana Diabecare
- O Asante Snap
- O Other (specify): _____

A **continuous glucose monitor** is often referred to as CGM. It consists of a sensor that is inserted underneath the skin and a monitor that shows your glucose values every 5 to 10 minutes.

Which of the following best describes your use of a real-time continuous glucose monitor (CGM) as described above?

- O I currently use a real-time CGM (occasionally or at all the time)
- O I used a real-time CGM in the past but have completely stopped using it
- O I never used a real-time CGM
- O I don't know

Skip To: End of Block If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... = I never used a real-time CGM

Display This Question:

If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... = I currently use a real-time CGM (occasionally or at all the time)

Which continuous glucose monitoring (CGM) device do you **currently** use?

- O Enlite
- O Paradigm
- O Guardian
- O Navigator
- O Dexcom G4
- O Other (specify): _____

Display This Question:

If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... = I currently use a real-time CGM (occasionally or at all the time)

How long have you been using CGM?

- O Less than 6 months
- O 6 months to less than 1 year
- O 1 year to less than 2 years
- O 2 years to less than 3 years
- O 3 years to less than 4 years
- O 4 years to less than 5 years
- O 5 or more years

Display This Question:

If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... = I currently use a real-time CGM (occasionally or at all the time)

In the past month, about **how many days** have you used the CGM?

▼ I don't know ... 31

In the past 3 months, about how many times have you experienced severe low blood sugar (hypoglycemia) that resulted in passing out, loss of consciousness, or seizure:

Note: This survey is anonymous and an individual's reported data will not be shared to anyone outside of the research team

▼ 0 ... I don't know

Display This Question:

If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... != I never used a real-time CGM

Which of the following best describes your use of Nightscout?

- O I currently use Nightscout (occasionally or all the time)
- O I used Nightscout in the past but have completely stopped using it
- O I never used Nightscout

End of Block: Diabetes/Demo questions MYSELF

Start of Block: NS/CGM Activities (MYSELF)

If yes, what month and year did you start using Nightscout?

	Month	Year
Please enter the value for month, year	▼ January ... December	▼ 2012 ... 2015

In the past month, about **how many days** have you used Nightscout?

▼ I don't know ... 31

Did you do any of the following because of Nightscout? (Check all that apply)

- ☐ I had not previously used a CGM but started using CGM because of Nightscout
- ☐ I had previously used a CGM and restarted using CGM because of Nightscout
- ☐ I was using CGM but changed CGM systems because of Nightscout
- ☐ None of the above
- ☐ Other _____

Display This Question:

If Did you do any of the following because of Nightscout? (Check all that apply) = I was using CGM but changed CGM systems because of Nightscout

Which CGM device did you use before starting Nightscout?

- O Enlite
- O Paradigm
- O Guardian
- O Navigator
- O I don't know

What activities do you use Nightscout for? (Check all that apply)

- ☐ Travel
- ☐ Nighttime
- ☐ Work
- ☐ Sporting Events
- ☐ School
- ☐ Other (specify): _____
- ☐ I don't know

Does your Endocrinologist know that you use Nightscout?

- O Yes
- O No
- O I don't know

Display This Question:

If Does your Endocrinologist know that you use Nightscout? = Yes

Is your Endocrinologist supportive of your use of Nightscout?

- O Yes
- O No
- O I don't know

End of Block: NS/CGM Activities (MYSELF)

Start of Block: Nightscout Questions (MYSELF)

We are interested to see how you are using the Nightscout Technology. We will now be asking you a handful of questions regarding your current use of Nightscout.

Which version of Nightscout do you currently use?

- O Apple Pie (Original/1st release)
- O Brownie
- O Cookie Monster
- O Dreamsicle
- O Enchilada
- O I don't know

We want to learn more about who is viewing Nightscout data and the types of technologies they use to view the data. **Please check the boxes to indicate who is viewing Nightscout data and what types of technology they are using to view your blood sugars.**

Here is a hypothetical example of how to fill out the table below: if you are wearing the Nightscout technology and you also use a pebble watch to monitor your Nightscout data along with a web-based browser, Care Portal, and push notifications AND you also have a close friend using a pebble watch to view your data, and your wife uses a pebble watch and also uses a mobile application to view your Nightscout data while receiving both push notifications and text notifications....

Then, in the example above, the table would be filled out as follows:

Definitions: *Pebble watch: Some individuals are using a pebble watch to display the glucose data Android Wear: A watch specifically used for Android phones to display glucose data Mobile Applications: Some individuals are viewing readings on an Android phone or iPhone Web-based Browser: The traditional desktop display is used for viewing blood glucose values from a laptop or desktop Care Portal: A care portal has a place to enter data about insulin and carbohydrates as well as the display of the blood glucose values Push Notifications: Alarms that are sent to the user to let them know about changes (arrows, low and high blood sugars) Text Notifications: Alarms that are sent to the user via SMS messaging to let user/caregiver know about changes (arrows, low and high blood sugars)*

Please check the boxes to indicate who is viewing your Nightscout data and what types of technology they are using to view your blood sugars.

	Pebble Watch	Android Wear	Mobile applications (Android or iPhone)	Web-based browser (for laptop or desktop)	Care Portal	Push notifications	Text notifications
Myself (tools you use for yourself)	☐	☐	☐	☐	☐	☐	☐
Your first son	☐	☐	☐	☐	☐	☐	☐
Your second son	☐	☐	☐	☐	☐	☐	☐
Your third son	☐	☐	☐	☐	☐	☐	☐
Your first daughter	☐	☐	☐	☐	☐	☐	☐
Your second daughter	☐	☐	☐	☐	☐	☐	☐
Your third daughter	☐	☐	☐	☐	☐	☐	☐
Your mom	☐	☐	☐	☐	☐	☐	☐
Your stepmom	☐	☐	☐	☐	☐	☐	☐
Your dad	☐	☐	☐	☐	☐	☐	☐
Your stepdad	☐	☐	☐	☐	☐	☐	☐
Your brother	☐	☐	☐	☐	☐	☐	☐
Your sister	☐	☐	☐	☐	☐	☐	☐

Your spouse/significant other	☐	☐	☐	☐	☐	☐	☐
Your close friend	☐	☐	☐	☐	☐	☐	☐
Other (specify):	☐	☐	☐	☐	☐	☐	☐
Other (specify):	☐	☐	☐	☐	☐	☐	☐

What features of Nightscout are you using for medical decision making? (Select all that apply)

Definition: Raw data: for more information click here IOB/COB: for more information click here Predictive data: data that will tell you if glucose levels are going the wrong direction too quickly or if the user may be in trouble soon. Customized alarms: customized alarms set on certain high and low targets Signal Noise: defines how clean the signal being received is; helps to identify compression lows Camping Mode: allows for Nightscout to continue to work when there is no internet access available

- ☐ Raw Data
- ☐ Insulin on Board (IOB); Carbs on Board (COB)
- ☐ Predictive Data
- ☐ Customized Alarms
- ☐ Signal Noise
- ☐ Camping Mode
- ☐ Other (specify): _____
- ☐ None of the above

Display This Question:

If What features of Nightscout are you using for medical decision making? (Select all that apply) ... = Customized Alarms

If you use customized alarms, what are your targets?

Typically the practice in the United States is to measure blood glucose levels using mg/dL (normal range 70-120 mg/dL.) Outside of the U.S. the measure of blood glucose levels is often reported using mmol/L(normal range is 3.9-6.7 mmol/L).

Please answer the following questions by entering a numeric value and select the appropriate units that correspond to the numbers entered.

	Blood Glucose Numeric Value	Units
High target		▼ mmol/L ... mg/dl
Low target		▼ mmol/L ... mg/dl

There are many different features of Nightscout that may be used for medical decision making beyond the real-time number. Please indicate which of the labeled features are currently being used.

Below are the Desktop, Mobile, and Pebble display. Please note the corresponding features labeled as "A" and "B."

O I use feature "A" on the above image - the small yellow **number**

O I use feature "B" on the above image - the small yellow **arrow**

O I use **both** feature "A" and feature "B"

O I do **not** use either feature "A" and feature "B"

Please answer the following questions about your diabetes before and after using Nightscout:

	Before Nightscout	After Nightscout
How often has diabetes kept you from doing your normal daily activities?	▼ Never ... I don't know	▼ Never ... I don't know
How often has diabetes kept you from spending time at work?	▼ Never ... I don't know	▼ Never ... I don't know
How often has diabetes kept you from spending time with friends?	▼ Never ... I don't know	▼ Never ... I don't know

---

On average, how many times **per day** did you check your blood sugar with a blood glucose meter before and after using Nightscout?

	Before Nightscout	After Nightscout
Times per day	▼ 0 ... I don't know	▼ 0 ... I don't know

On average, how many short-acting insulin boluses **per day** (*bolus doses of insulin for meals, snacks, and high blood sugars)* did you give before and after Nightscout?

	Before Nightscout	After Nightscout
Boluses per day	▼ 0 ... I don't know	▼ 0 ... I don't know

On average, how many short-acting insulin boluses **per day** (*bolus doses of insulin for meals, snacks, and high blood sugars)* did you give **without checking blood sugar** first with a blood glucose meter before and after using Nightscout?

	Before Nightscout	After Nightscout
Boluses per day without checking with a blood glucose meter first	▼ 0 ... I don't know	▼ 0 ... I don't know

---

On average, how often did you download retrospective (past) data from your CGM before and after Nightscout?

	Before Nightscout	After Nightscout
Download frequency of retrospective (past) data from CGM	▼ Never ... I don't know	▼ Never ... I don't know

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*

How many instances of low blood glucose OR **trending towards low blood glucose** have you responded to (make a change in insulin dosing, ingest carb, etc.) **IN THE PAST MONTH** while monitoring your blood sugars on Nightscout?

Please enter the # of instances. (Enter 9999 if you do not know, enter 0 if you have had no instances)

_____

Please answer this question if your medical professional reports your HbA1c using % as the unit (typically this is the practice in the United States). Otherwise, please skip to the next question. Normally in the United States, HbA1c is expressed in a percentage (%) and a HbA1c of 7.0% correlates with an average blood glucose level of 154 mg/dL. What was your HbA1c value, including the month and year, shortly before and after starting Nightscout?

If you don't remember, leave blank.

	Month of HbA1c	Year of HbA1c	HbA1c value (%)
Before Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 4.0% ... I don't know
After Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 4.0% ... I don't know

Please answer this question if your medical professional reports your HbA1c using mmol/mol as the unit (typically this is the practice outside of the United States). If you have answered the question above using % as your measure of HbA1c, please skip this question. Normally outside the United States, HbA1c is expressed in mmol/mol and a HbA1c of 53.0 mmol/mol correlates with an average blood glucose level of 8.6 mmol/L What was your HbA1c value, including the month and year, shortly before and after starting Nightscout?

If you don't remember, leave blank.

	Month of HbA1c	Year of HbA1c	HbA1c value (mmol/mol)
Before Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 20 mmol/mol ... I don't know
After Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 20 mmol/mol ... I don't know

End of Block: Nightscout Questions (MYSELF)

Start of Block: Dexcom Share NS user (MYSELF)

Dexcom recently released its new Dexcom Share software which transfers information from the Dexcom receiver wirelessly to an iPhone so that other individuals can follow the blood sugars remotely.

http://www.dexcom.com/dexcom-cgm-with-share

Have you switched or do you plan to switch to the Dexcom Share system?

- O I have switched/plan to switch to Dexcom Share
- O I will be staying with Nightscout
- O I plan to use both the Dexcom Share and Nightscout
- O I don't know

Display This Question:

If Dexcom recently released its new Dexcom Share software which transfers information from the Dex... = I have switched/plan to switch to Dexcom Share

If you will be switching to Dexcom Share system, what is/are the reason(s) you made this choice? (Check all that apply)

- ☐ The Nightscout equipment is too expensive
- ☐ The Nightscout equipment has a lot of technical failures
- ☐ The Nightscout system requires a physical connection to a cord
- ☐ The connection to the Android phone could break the Dexcom receiver
- ☐ We use mostly Apple products (iphone, Macbook) in our household
- ☐ Other (specify): _____

Display This Question:

If Dexcom recently released its new Dexcom Share software which transfers information from the Dex... = I will be staying with Nightscout

If you will be staying with Nightscout, what is/are the reason(s) you made this choice? (Check all that apply)

- ☐ The Dexcom Share equipment is too expensive
- ☐ I don't use Apple (iPhone, Macbook) products
- ☐ Other (specify): _____

Display This Question:

If Dexcom recently released its new Dexcom Share software which transfers information from the Dex... = I plan to use both the Dexcom Share and Nightscout

How do you plan to use both the Dexcom Share and Nightscout together?

_____

_____

_____

_____

_____

End of Block: Dexcom Share NS user (MYSELF)

Start of Block: Why stop NS

Why did you stop using Nightscout? (Please **drag** the reason from the "Items" list in the appropriate order to the box on the right.)

Reason (please rank top 3)
_____ The Nightscout equipment is too expensive
_____ The CGM does not provide reliable readings
_____ Insurance won't cover a continuous glucose monitoring system
_____ We tried to install the Nightscout system but were unsuccessful

_____ Maintaining the Nightscout system was too technically difficult

_____ Nightscout system was too much work

_____ I did not want to wear Nightscout

_____ I am independent so does not need Nightscout

_____ Other (specify):

_____ I don't know

End of Block: Why stop NS

Start of Block: Dexcom Share - No NS (MYSELF)

Dexcom recently released its new Dexcom Share software which transfers information from the Dexcom receiver wirelessly to an iPhone so that other individuals can follow the blood sugars remotely. http://www.dexcom.com/dexcom-cgm-with-share

Have you started using or do you plan to use the Dexcom Share system?

O Yes

O No

O I don't know

Display This Question:

If Dexcom recently released its new Dexcom Share software which transfers information from the Dexc... = Yes

If you use or plan to use the Dexcom Share system, what are the reasons? (Check all that apply)

☐ The Dexcom Share is easier to set up than Nightscout

☐ We use Apple (iPhone, Macbook) products in our household

☐ Other (specify): _____

☐ I don't know

End of Block: Dexcom Share - No NS (MYSELF)

Start of Block: Why No NS (MYSELF)

Why did you choose not to use Nightscout? (Please **drag** the reason from the "Items" list in the appropriate order to the box on the right.)

Reasons (please rank top 3)
_____ The Nightscout equipment is too expensive
_____ The CGM does not provide reliable readings
_____ Insurance won’t cover a continuous glucose monitoring system
_____ We tried to install the Nightscout system but were unsuccessful
_____ Maintaining the Nightscout system was too technically difficult
_____ Nightscout system was too much work
_____ I did not want to wear Nightscout
_____ I am independent so does not need Nightscout
_____ Other (specify):
_____ I don't know

End of Block: Why No NS (MYSELF)

Start of Block: Health Status/Insurance (MYSELF)

How would you describe the insurance plan(s) you have had in the past 12 months? (Check all that apply)

- [ ] Private Health Insurance (e.g., commercial, fee-for-service, HMO, PPO, POS)
- [ ] Medicare
- [ ] MediGap
- [ ] Medicaid
- [ ] State Children’s Health Insurance Program OR Children’s Health Insurance Program
- [ ] Military health care (e.g., TRICARE, CHAMPUS, CHAMPVA, VA)
- [ ] Indian Health Service plan
- [ ] Other state sponsored health plan
- [ ] Other government sponsored health coverage plan
- [ ] Single service plan (e.g., dental, vision, prescriptions)
- [ ] No health insurance of health care coverage of any type
- [ ] Do not wish to provide
- [ ] I don’t know

How much of a problem is the current cost of diabetes supplies and treatment for your household?

- O Not a problem at all
- O A little problem
- O A moderate problem
- O A big problem
- O An enormous problem

End of Block: Health Status/Insurance (MYSELF)

Start of Block: Diabetes Household Questions

You have indicated that you are a caregiver/significant other/relative/friend of an individual who has diabetes.

Is this individual with diabetes in your household?

Definitions:
A **household** consists of one or more people who live in the same dwelling and also share meals or living accommodation, and may consist of a single family or some other grouping of people.)

- O Yes
- O No
- O I don't know

Display This Question:

If You have indicated that you are a caregiver/significant other/relative/friend of an individual wh... = Yes

Please describe the individuals in your household who have diabetes in relationship to yourself (Check all that apply)

- [ ] My First Son
- [ ] My Second Son
- [ ] My Third Son
- [ ] My First Daughter
- [ ] My Second Daughter
- [ ] My Third Daughter
- [ ] My Dad
- [ ] My Mom
- [ ] My Spouse/Significant other
- [ ] My Brother
- [ ] My Sister
- [ ] My Grandpa
- [ ] My Grandma
- [ ] My Aunt
- [ ] My Uncle
- [ ] My Friend
- [ ] Other (you must specify): **My...**

_____

- [ ] Other (you must specify): **My...**

_____

☐ Other (you must specify): **My...** _____

End of Block: Diabetes Household Questions

Start of Block: LOOP & MERGE block - all questions

Because you have indicated that there are other members in your household who have diabetes, we will now begin to ask you some questions regarding <u>other members in your household</u> who have diabetes.

Please pay attention to the individual being indicated and answer accordingly.

What is ${lm://Field/2}'s sex?

O Male

O Female

O Other (specify): _____

How old is ${lm://Field/2} **<u>currently</u>** (age in years)?

_____

Display This Question:

If If How old is ${lm://Field/2} currently? Text Response Is Greater Than or Equal to 3

And How old is ${lm://Field/2} currently? Text Response Is Less Than or Equal to 21

Does ${lm://Field/2} currently attend school or daycare that is outside the home?

- O Yes - ${lm://Field/3} goes to school
- O Yes - ${lm://Field/3} goes to daycare
- O No

Display This Question:

If Loop current: Does ${lm://Field/2} currently attend school or daycare that is outside the home? = Yes - ${lm://Field/3} goes to school

Or Loop current: Does ${lm://Field/2} currently attend school or daycare that is outside the home? =

If yes, what grade is ${lm://Field/2} currently in?

▼ Kindergarten ... I don't know

What is ${lm://Field/2}'s race/ethnicity?

- O White non-Hispanic
- O Black/African American
- O Hispanic or Latino
- O American Indian/Alaskan Native
- O Asian
- O Native Hawaiian/Pacific Islander
- O Other (specify): _____
- O I do not wish to answer this question

Page Break

Now we would like to ask you more questions regarding **${lm://Field/2}** and **${lm://Field/4} diabetes.**

How would you describe ${lm://Field/2}'s overall health?

- O Excellent
- O Very Good
- O Good
- O Fair
- O Poor

What type of diabetes does ${lm://Field/2} have?

- O Type 1 Diabetes
- O Type 2 Diabetes
- O Other type of Diabetes (specify): _____
- O I don't know

How old was ${lm://Field/2} when ${lm://Field/3} was **diagnosed** with diabetes (please enter in number of years)?

(Enter 9999 if you do not know)

_____

How does ${lm://Field/2} usually take insulin? (Check all that apply)

- [ ] Pump
- [ ] Injections/Pens
- [ ] ${lm://Field/1} does not take insulin

Display This Question:

If How does ${lm://Field/2} usually take insulin? (Check all that apply) = Pump

If ${lm://Field/2} is on an insulin pump, which type is ${lm://Field/3} currently using?

- O Medtronic Minimed
- O Animas One Touch Ping
- O Insulet Omnipod
- O Tandem T:Slim
- O Roche Insulin Delivery System
- O Asante Snap
- O Sooil Dana Diabecare
- O Other (specify): _____

A **continuous glucose monitor** is often referred to as CGM. It consists of a sensor that is inserted underneath the skin and a monitor that shows your glucose values every 5 to 10 minutes.

Which of the following best describes ${lm://Field/2}'s use of a real-time continuous glucose monitor (CGM) as described above?

- O ${lm://Field/3} currently uses a real-time CGM (occasionally or at all the time)
- O ${lm://Field/3} used a real-time CGM in the past but completely stopped using it
- O ${lm://Field/3} never used a real-time CGM
- O I don't know

Display This Question:

If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... = ${lm://Field/3} currently uses a real-time CGM (occasionally or at all the time)

Which continuous glucose monitoring (CGM) device does ${lm://Field/2} **currently** use?

- O Enlite
- O Paradigm
- O Guardian
- O Navigator
- O Dexcom G4
- O Other (specify): _____

Display This Question:

If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... = ${lm://Field/3} currently uses a real-time CGM (occasionally or at all the time)

How long has ${lm://Field/2} been using CGM?

- O Less than 6 months
- O 6 months to less than 1 year
- O 1 year to less than 2 years
- O 2 years to less than 3 years
- O 3 years to less than 4 years
- O 4 years to less than 5 years
- O 5 or more years

Display This Question:

If A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... = ${lm://Field/3} currently uses a real-time CGM (occasionally or at all the time)

In the past month, about **how many days** has ${lm://Field/2} used the CGM?

▼ I don't know ... 31

In the past 3 months, about how many times has ${lm://Field/2} experienced severe low blood sugar (hypoglycemia) that resulted in passing out, loss of consciousness, or seizure:

Note: This survey is anonymous and an individual's reported data will not be shared to anyone outside of the research team

▼ 0 ... I don't know

Display This Question:

If Loop current: A continuous glucose monitor is often referred to as CGM. It consists of a sensor that is inser... != ${lm://Field/3} never used a real-time CGM

Which of the following best describes ${lm://Field/2}'s use of Nightscout?

- O ${lm://Field/3} currently wears Nightscout (occasionally or all the time)
- O ${lm://Field/3} wore Nightscout in the past but ${lm://Field/3} has completely stopped using it
- O ${lm://Field/3} never wore Nightscout

Skip To: Q101 If Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} never wore Nightscout

Page Break

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

If yes, what month and year did ${lm://Field/2} start using Nightscout?

	Month	Year
Please enter the value for month, year	▼ January ... December	▼ 2012 ... 2015

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

In the past month, about **how many days** has ${lm://Field/2} used Nightscout?

▼ I don't know ... 31

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Did ${lm://Field/2} do any of the following because of Nightscout? (Check all that apply)

- ☐ ${lm://Field/3} had not previously used a CGM but started using CGM because of Nightscout
- ☐ ${lm://Field/3} had previously used a CGM and restarted using CGM because of Nightscout
- ☐ ${lm://Field/3} was using CGM but changed CGM systems because of Nightscout
- ☐ None of the above
- ☐ Other (specify): _____

Display This Question:

If Did ${lm://Field/2} do any of the following because of Nightscout? (Check all that apply) = ${lm://Field/3} was using CGM but changed CGM systems because of Nightscout

Which CGM device did ${lm://Field/2} use **before** starting Nightscout?

- O Enlite
- O Paradigm
- O Guardian
- O Navigator
- O I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

What activities does ${lm://Field/2} use Nightscout for? (Check all that apply)

- ☐ Travel
- ☐ Nighttime
- ☐ Work
- ☐ Sporting Events
- ☐ School
- ☐ Other (specify): _____
- ☐ I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Does ${lm://Field/2}'s Endocrinologist know that ${lm://Field/3} use Nightscout?

- O Yes
- O No
- O I don't know

Display This Question:

If Does ${lm://Field/2}'s Endocrinologist know that ${lm://Field/3} use Nightscout? = Yes

Is ${lm://Field/2}'s Endocrinologist supportive of ${lm://Field/4} use of Nightscout?

- O Yes
- O No
- O I don't know

Page Break

Display This Question:

If Loop current: Does ${lm://Field/2} currently attend school or daycare that is outside the home? = Yes - ${lm://Field/3} goes to school

And Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

We want to ask a handful of questions regarding how ${lm://Field/2}'s use of Nightscout impacts ${lm://Field/4} time at school

---

Display This Question:

If Loop current: Does ${lm://Field/2} currently attend school or daycare that is outside the home? = Yes - ${lm://Field/3} goes to school

And Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Have you included Nightscout as part of a 504 plan with ${lm://Field/2}'s school?

- O Yes
- O No
- O Not applicable
- O I don't know

Display This Question:

If Loop current: Does ${lm://Field/2} currently attend school or daycare that is outside the home? = Yes - ${lm://Field/3} goes to school

And Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

How would you say that your stress level about ${lm://Field/2}'s diabetes has changed when ${lm://Field/3} started using Nightscout?

- O Increased
- O Decreased
- O Stayed the same
- O I don't know

Display This Question:

If Loop current: Does ${lm://Field/2} currently attend school or daycare that is outside the home? = Yes - ${lm://Field/3} goes to school

And Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Did you/are you encountering issues with school about the use of Nightscout?

- O Yes
- O No
- O I don't know

Display This Question:

If Did you/are you encountering issues with school about the use of Nightscout? = Yes

Please describe the issues you are encountering (Check all that apply):

- ☐ School does not want ${lm://Field/2} to carry a cellphone with him/her during classes
- ☐ School does not want ${lm://Field/2} to receive notifications from a family member or from the Nightscout system during school
- ☐ School does not want the nurse or school personnel to have to monitor or respond to notifications
- ☐ Other (specify): _____

Page Break

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Which version of Nightscout does ${lm://Field/2} currently use?

- O Apple Pie (Original/1st release)
- O Brownie
- O Cookie Monster
- O Dreamsicle
- O Enchilada
- O I don't know

Page Break

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

We want to learn more about who is viewing Nightscout data and the types of technologies they use to view the data. **Please check the boxes to indicate who is viewing Nightscout data and what types of technology they are using to view ${lm://Field/2}** blood sugars.

Here is a hypothetical example of how to fill out the table below: if your first son is wearing the Nightscout technology and also using a pebble watch to monitor his Nightscout data AND you (his mom) use a pebble watch to view your data, AND your husband (his dad) uses a pebble watch along with a web-based browser, Care Portal, and push notifications *to view your first son's Nightscout data....*

Then, in the example above, the table would be filled out as follows:

Definitions: *Pebble watch: Some individuals are using a pebble watch to display the glucose data Android Wear: A watch specifically used for Android phones to display glucose data Mobile Applications: Some individuals are viewing readings on an Android phone or iPhone Web-based Browser: The traditional desktop display is used for viewing blood glucose values from a laptop or desktop Care Portal: A care portal has a place to enter data about insulin and carbohydrates as well as the display of the blood glucose values Push Notifications: Alarms that are sent to the user to let them know about changes (arrows, low and high blood sugars) Text Notifications: Alarms that are sent to the user via SMS messaging to let user/caregiver know about changes (arrows, low and high blood sugars)*

Please check the boxes to indicate who is viewing ${lm://Field/2} Nightscout data and what types of technology they are using to view ${lm://Field/2} blood sugars.

	Pebble Watch	Android Wear	Mobile applications (Android or iPhone)	Web-based browser (for laptop or desktop)	Care Portal	Push notifications	Text notifications
${lm://Field/1}	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} mom	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} stepmom	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} dad	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} stepdad	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} grandma	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} grandpa	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} brother	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} sister	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} spouse/significant other	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} close friend	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} teacher/coach	☐	☐	☐	☐	☐	☐	☐
${lm://Field/4} school nurse	☐	☐	☐	☐	☐	☐	☐

${lm://Field/4} daycare provider	☐	☐	☐	☐	☐	☐	☐
Other (specify):	☐	☐	☐	☐	☐	☐	☐
Other (specify):	☐	☐	☐	☐	☐	☐	☐

Page Break

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

What features of Nightscout are you using for medical decision making about ${lm://Field/2}'s diabetes? (Check all that apply)

Definition: Raw data: for more information click here IOB/COB: for more information click here Predictive data: data that will tell you if glucose levels are going the wrong direction too quickly or if the user may be in trouble soon. Customized alarms: customized alarms set on certain high and low targets Signal Noise: defines how clean the signal being received is; helps to identify compression lows Camping Mode: allows for Nightscout to continue to work when there is no internet access available

- ☐ Raw Data
- ☐ Insulin on Board (IOB); Carbs on Board (COB)
- ☐ Predictive Data
- ☐ Customized Alarms
- ☐ Signal Noise
- ☐ Camping Mode
- ☐ Other (specify): _____
- ☐ I don't know

Display This Question:

If Loop current: What features of Nightscout are you using for medical decision making about ${lm://Field/2}'s dia... = Customized Alarms

If you and ${lm://Field/2} use customized alarms, what are ${lm://Field/4} targets?

Typically the practice in the United States is to measure blood glucose levels using mg/dL (normal range 70-120 mg/dL.) Outside of the U.S. the measure of blood glucose levels is often reported using mmol/L(normal range is 3.9-6.7 mmol/L).

Please answer the following questions by entering a numeric value and select the appropriate units that correspond to the numbers entered.

	Blood Glucose Numeric Value	Units
High target		▼ mg/dL ... mmol/L
Low target		▼ mg/dL ... mmol/L

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

There are many different features of Nightscout that may be used for medical decision making beyond the real-time number. Please indicate which of the labeled features are currently being used by ${lm://Field/2} and/others who view Nightscout.

Below are the Desktop, Mobile, and Pebble display. Please note the corresponding features labeled as "A" and "B."

O We use feature "A" on the above image - the small yellow **number**

O We use feature "B" on the above image - the small yellow number **arrow**

O We use **both** feature "A" and feature "B"

O We do **not** use either feature "A" and feature "B"

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Please answer the following questions about ${lm://Field/2}'s diabetes before and after using Nightscout:

	Before Nightscout	After Nightscout
How often has diabetes kept ${lm://Field/2} from doing ${lm://Field/4} normal daily activities?	▼ Never ... I don't know	▼ Never ... I don't know
How often has diabetes kept ${lm://Field/2} from spending time at school/work?	▼ Never ... I don't know	▼ Never ... I don't know
How often has diabetes kept ${lm://Field/2} from spending time with ${lm://Field/4} friends?	▼ Never ... I don't know	▼ Never ... I don't know

---

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

On average, how many times **per day** did ${lm://Field/2} check ${lm://Field/4} blood sugar with a blood glucose meter before and after using Nightscout?

	Before Nightscout	After Nightscout

Times per day	▼ 0 ... I don't know	▼ 0 ... I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

On average, how many short-acting insulin boluses **per day** (*bolus doses of insulin for meals, snacks, and high blood sugars)* did ${lm://Field/2} give before and after using Nightscout?

	Before Nightscout	After Nightscout
Boluses per day	▼ 0 ... I don't know	▼ 0 ... I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

On average, how many short-acting insulin boluses **per day** (*bolus doses of insulin for meals, snacks, and high blood sugars)* did ${lm://Field/2} give in a day **WITHOUT CHECKING BLOOD SUGAR** first with a blood glucose meter before and after using Nightscout?

	Before Nightscout	After Nightscout
Boluses per day without checking with a blood glucose meter first	▼ 0 ... I don't know	▼ 0 ... I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

On average, how often did your household download ${lm://Field/2}'s retrospective (past) data from the CGM before and after using Nightscout?

	Before Nightscout	After Nightscout

Download frequency of retrospective (past) data from CGM	▼ Never ... I don't know	▼ Never ... I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

How many instances of **low blood glucose** OR **trending low blood glucose** have you responded to (make a change in insulin dosing, ingest carb, etc.) IN THE PAST MONTH while monitoring ${lm://Field/2}'s blood sugars on Nightscout?

Please enter the # of instances (Enter 9999 if you do not know, enter 0 if you have had no instances)

_____

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Please answer this question if your medical professional reports your HbA1c using % as the unit (typically this is the practice in the United States). Otherwise, please skip to the next question. Normally in the United States, HbA1c is expressed in a percentage (%) and a HbA1c of 7.0% correlates with an average blood glucose level of 154 mg/dL. **What was ${lm://Field/2}'s HbA1c value, including the month and year, shortly before and after starting Nightscout?**

If you don't remember, leave blank.

	Month of HbA1c	Year of HbA1c	HbA1c value
Before Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 4.0% ... I don't know
After Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 4.0% ... I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Please answer this question if your medical professional reports your HbA1c using mmol/mol as the unit (typically this is the practice outside of the United States). If you have answered the question above using % as your measure of HbA1c, please skip this question.

Normally outside the United States, HbA1c is expressed in mmol/mol and a HbA1c of 53.0 mmol/mol correlates with an average blood glucose level of 8.6 mmol/L **What was ${lm://Field/2}'s HbA1c value, including the month and year, shortly before and after starting Nightscout?**

If you don't remember, leave blank.

	Month of HbA1c	Year of HbA1c	HbA1c value (mmol/mol)
Before Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 20 mmol/mol ... I don't know
After Nightscout	▼ January ... I don't know	▼ 2011 ... 2015	▼ 20 mmol/mol ... I don't know

Page Break

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Dexcom recently released its new Dexcom Share software which transfers information from the Dexcom receiver wirelessly to an iPhone so that other individuals can follow the blood sugars remotely.

http://www.dexcom.com/dexcom-cgm-with-share

Has ${lm://Field/2} switched or does ${lm://Field/2} plan to switch to the Dexcom Share system?

- O ${lm://Field/1} has switched/plans to switch to Dexcom Share
- O ${lm://Field/1} will be staying with Nightscout
- O ${lm://Field/1} plans to use both the Dexcom Share and Nightscout
- O I don't know

Display This Question:

If Loop current: Dexcom recently released its new Dexcom Share software which transfers information from the Dex... = ${lm://Field/1} has switched/plans to switch to Dexcom Share

If ${lm://Field/2} will be switching to Dexcom Share system, what is/are the reason(s) you/${lm://Field/3} made this choice? (Check all that apply)

- ☐ The Nightscout equipment is too expensive
- ☐ The Nightscout equipment has a lot of technical failures
- ☐ The Nightscout system requires a physical connection to a cord
- ☐ The connection to the Android phone could break the Dexcom receiver
- ☐ We use mostly Apple products (iphone, Macbook) in our household
- ☐ Other (specify): _____

Display This Question:

If Loop current: Dexcom recently released its new Dexcom Share software which transfers information from the Dex... = ${lm://Field/1} will be staying with Nightscout

If ${lm://Field/2} will be staying with Nightscout, what is/are the reason(s) you/${lm://Field/3} made this choice? (Check all that apply)

- ☐ The Dexcom Share equipment is too expensive
- ☐ We don't use Apple (iPhone, Macbook) products
- ☐ Other (specify): _____

Display This Question:

If Loop current: Dexcom recently released its new Dexcom Share software which transfers information from the Dex... = ${lm://Field/1} plans to use both the Dexcom Share and Nightscout

How does ${lm://Field/2} plan to use Dexcom Share and Nightscout together?

_____

_____

_____

_____

_____

Page Break

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} wore Nightscout in the past but ${lm://Field/3} has completely stopped using it

*

Why did ${lm://Field/2} stop using Nightscout? (Please drag the reason from the "Items" list in the appropriate order to the box on the right.)

Reasons (please rank top 3)
_____ The Nightscout equipment is too expensive
_____ The CGM does not provide reliable readings
_____ Insurance won't cover a continuous glucose monitoring system
_____ We tried to install the Nightscout system but was unsuccessful

_____ Maintaining the Nightscout system was too technically difficult

_____ Nightscout system was too much work

_____ ${lm://Field/2} did not want to wear Nightscout

_____ ${lm://Field/2} is independent so does not need Nightscout

_____ Other (specify):

_____ I don't know

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} never wore Nightscout

Why did ${lm://Field/2} choose not to use Nightscout? (Please **drag** the reason from the "Items" list in the appropriate order to the box on the right.)

Reasons (please rank top 3)

_____ The Nightscout equipment is too expensive

_____ The CGM does not provide reliable readings

_____ Insurance won't cover a continuous glucose monitoring system

_____ We tried to install the Nightscout system but were unsuccessful

_____ Maintaining the Nightscout system was too technically difficult

_____ Nightscout system was too much work

_____ ${lm://Field/1} did not want to wear Nightscout

_____ ${lm://Field/1} is independent so does not need Nightscout

_____ Other (specify):

_____ I don't know

Page Break

Display This Question:

If Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} never wore Nightscout

Or Loop current: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} wore Nightscout in the past but ${lm://Field/3} has completely stopped using it

Dexcom recently released its new Dexcom Share software which transfers information from the Dexcom receiver wirelessly to an iPhone so that other individuals can follow the blood sugars remotely. http://www.dexcom.com/dexcom-cgm-with-share

Has ${lm://Field/2} started using or does ${lm://Field/2} plan to use the Dexcom Share system?

- O Yes
- O No
- O I don't know

Display This Question:

If Loop current: Dexcom recently released its new Dexcom Share software which transfers information from the Dex... = Yes

If ${lm://Field/2} plan to use the Dexcom Share system, what are the reasons? (Check all that apply)

- ☐ The Dexcom Share is easier to set up than Nightscout
- ☐ We use Apple (iPhone, Macbook) products in our household
- ☐ Other (specify): _____

Page Break

How would you describe the insurance plan(s) **${lm://Field/2}** has had in the past 12 months? (Check all that apply)

- [ ] Private Health Insurance (e.g., commercial, fee-for-service, HMO, PPO, POS)
- [ ] Medicare
- [ ] MediGap
- [ ] Medicaid
- [ ] State Children's Health Insurance Program OR Children's Health Insurance Program
- [ ] Military health care (e.g., TRICARE, CHAMPUS, CHAMPVA, VA)
- [ ] Indian Health Service plan
- [ ] Other state sponsored health plan
- [ ] Other government sponsored health coverage plan
- [ ] Single service plan (e.g., dental, vision, prescriptions)
- [ ] No health insurance of health care coverage of any type
- [ ] Do not wish to provide
- [ ] I don't know

How much of a problem is the current cost of **${lm://Field/2}'s** diabetes supplies and treatment?

- O Not a problem at all
- O A little problem
- O A moderate problem
- O A big problem
- O An enormous problem

End of Block: LOOP & MERGE block - all questions

Start of Block: Nightscout Question (HOUSEHOLD)

Display This Question:

If Which of the following best describes your use of Nightscout? = I currently use Nightscout (occasionally or all the time)

Or Loop any: Which of the following best describes ${lm://Field/2}'s use of Nightscout? = ${lm://Field/3} currently wears Nightscout (occasionally or all the time)

Because you have indicated that either you or someone in your household uses the Nightscout technology, we want to ask a few questions regarding the Nightscout set up process.

Please respond to the following questions regarding Nightscout technology for your

household and NOT for the individuals.

Who PHYSICALLY set up the Nightscout system for your household? (Check all that apply)

- [ ] Myself
- [ ] Family member
- [ ] Friend
- [ ] Hired a technology specialist/expert
- [ ] Someone from the CGM in the Cloud Community (please describe how this happened) _____
- [ ] Other (specify): _____
- [ ] I don't know

Did the individual(s) who set up Nightscout for your household have significant technology or programming expertise? (i.e. do they have formal training/education in information technology or computer programming through school or their work?)

- O Yes
- O No
- O I don't know

When you initially set up Nightscout, did you ask for help from the CGM in the Cloud Facebook group?

- O Yes
- O No
- O I don't know

Display This Question:

If When you initially set up Nightscout, did you ask for help from the CGM in the Cloud Facebook group? = Yes

What type of help did you receive from the CGM in the Cloud Facebook group when setting up the Nightscout technology in your household? (Check all that apply)

- ☐ Technical advice about how to setup the Nightscout system
- ☐ Advice on where to buy components for the Nightscout system
- ☐ Advice about which types of Nightscout technology would work best for you
- ☐ Social support encouraging you to use Nightscout technology
- ☐ Advice about how to use CGM technology
- ☐ Other (specify): _____

Display This Question:

If When you initially set up Nightscout, did you ask for help from the CGM in the Cloud Facebook group? = Yes

How helpful were the volunteers on the 24 hour support through Facebook (CGM in the cloud)?

- ○ **Extremely helpful** (they answered all my questions)
- ○ **Very helpful** (they answered most of my questions)
- ○ **Somewhat helpful** (they pointed me in the right direction but were unable to answer my questions)
- ○ **Slightly helpful** (my questions were too difficult for the support volunteers to answer)
- ○ **Not at all helpful** (I did not receive the support I was hoping to receive)

Approximately how much did it cost to get the **INITIAL SETUP** for the Nightscout system for your whole household (enter a numeric value for total dollars across **ALL USERS**)?

(Enter 9999 if you do not know, enter 0 if you spend zero dollars)
(If you are outside of the United States, please specify the unit of currency)

_____

On a monthly basis, how much does it cost to maintain Nightscout for your household (enter a numeric value for **total dollars**)?

(Enter 9999 if you do not know, enter 0 if you spend zero dollars)
(If you are outside of the United States, please specify the unit of currency)

_____

What do you like most about Nightscout?

_____

_____

_____

_____

_____

What do you like least about Nightscout?

_____

_____

_____

_____

_____

What aspects of the Nightscout technology need to be fixed or improved?

_____

_____

_____

_____

_____

What new features of Nightscout would you be interested in having added to the current features?

_____

_____

_____

_____

_____

End of Block: Nightscout Question (HOUSEHOLD)

Start of Block: Demographics of survey respondent or MYSELF

Before we finish, we want to collect some demographic information about YOU.

Please fill out the remaining portions of the survey as it relates to **YOU.**

What is your sex?

O Male

O Female

O Other (specify): _____

What is your race/ethnicity?

- O White non-Hispanic
- O Black/African American
- O Hispanic or Latino
- O American Indian/Alaskan Native
- O Asian
- O Native Hawaiian/Pacific Islander
- O Other (specify): _____
- O I do not wish to answer this question

How old are you (in years)?
If you do not wish to answer, leave blank.

_____

In which country do you reside?*If you do not wish to answer, leave blank.*

▼ United States of America ... Zimbabwe

Display This Question:
If List of Countries = United States of America

In which state do you currently reside?*If you do not wish to answer, leave blank.*

▼ Alabama ... I do not live in the continental United States

What time zone do you live in?*If you do not wish to answer, leave blank.*

- O Eastern Time (UTC -5:00/-4:00)
- O Central Time (UTC -6:00/-5:00)
- O Mountain Time (UTC -7:00/-6:00)
- O Pacific Time (UTC -8:00/-7:00)
- O Alaska Time (UTC -9:00/-8:00)
- O Hawaii-Aleutian Time (UTC -10:00/-9:00)
- O Atlantic Time (UTC -4:00/-3:00)
- O Other (specify): _____

What is the highest level of education you completed?

- O Less than High school diploma/GED
- O High school/GED
- O Associate's or bachelor's degree
- O Master's, professional, doctorate degree
- O I refuse to answer this question

What is your current marital status?

- O Single, never married
- O Married
- O Divorced
- O Separated
- O Widowed
- O Living with partner
- O I refuse to answer this question

End of Block: Demographics of survey respondent or MYSELF

Start of Block: Contact Information

Would you like to be notified about other research studies related to online communities, diabetes and/or Nightscout for which you may be eligible?

- O Yes
- O No

Display This Question:

If Would you like to be notified about other research studies related to online communities, diabete... = Yes

If yes, please provide us with any contact information that you are comfortable sharing with us

- ☐ Email
- ☐ Facebook
- ☐ Twitter

Display This Question:

If If yes, please provide us with any contact information that you are comfortable sharing with us = Email

Please provide your email address below

_____

Display This Question:

If If yes, please provide us with any contact information that you are comfortable sharing with us = Facebook

Please provide us with your Facebook username

_____

Display This Question:

If If yes, please provide us with any contact information that you are comfortable sharing with us = Twitter

Please provide us with your Twitter handle

_____

Please share with us any other Nightscout study ideas you have for future research.

_____

_____

_____

_____

_____

Is there anything else you want to tell us?

_____

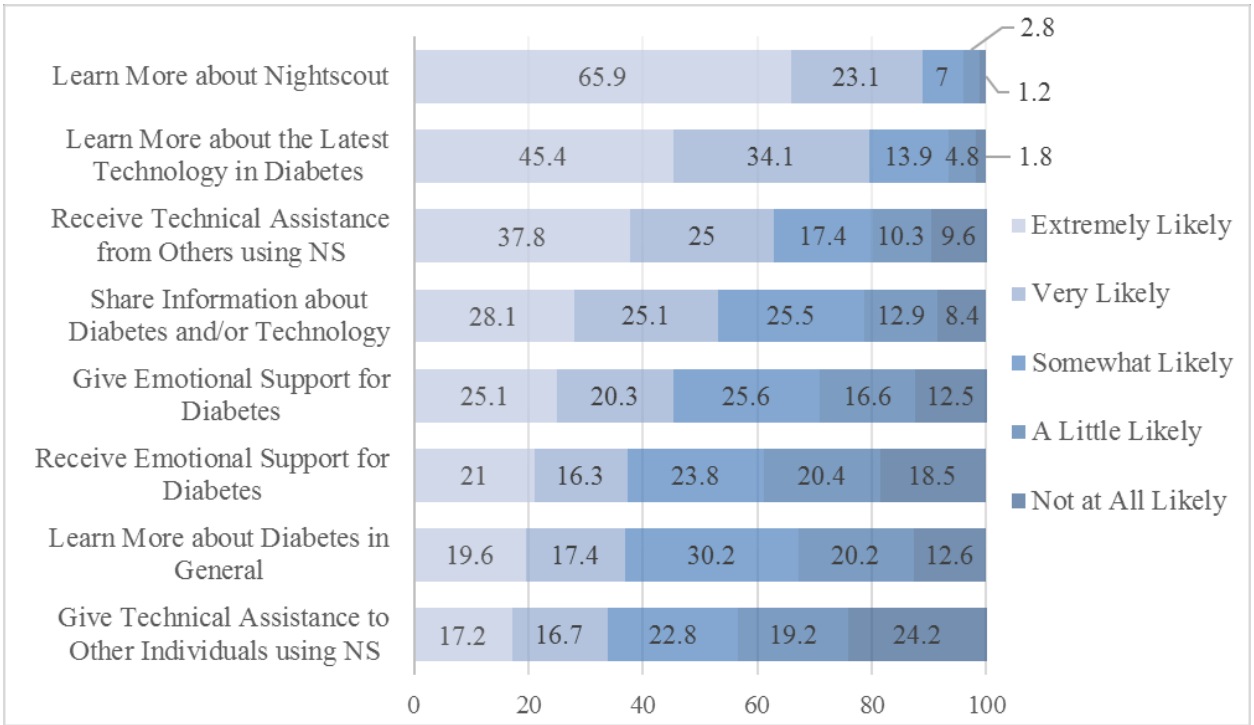
_____

_____

_____

_____

End of Block: Contact Information


Learn More about Nightscout
65.9
23.1
7
2.8
1.2
Learn More about the Latest Technology in Diabetes
45.4
34.1
13.9
4.8
1.8
Receive Technical Assistance from Others using NS
37.8
25
17.4
10.3
9.6
Share Information about Diabetes and/or Technology
28.1
25.1
25.5
12.9
8.4
Give Emotional Support for Diabetes
25.1
20.3
25.6
16.6
12.5
Receive Emotional Support for Diabetes
21
16.3
23.8
20.4
18.5
Learn More about Diabetes in General
19.6
17.4
30.2
20.2
12.6
Give Technical Assistance to Other Individuals using NS
17.2
16.7
22.8
19.2
24.2
0
20
40
60
80
100
Extremely Likely
Very Likely
Somewhat Likely
A Little Likely
Not at All Likely