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What's New in Diabetes Care?

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Objectives

- Expose you to new products designed to help you manage your diabetes
- Products mentioned were highlighted in Diabetes Forecast March/April 2016 issue



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Software Application (App)

- Software program designed for smart phones, ipads, or iPod touch
- Download for free/cost
- Tool to take with you on the go to help you manage your diabetes



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Care Zone App

- Free medication app
- Take pictures of medication bottles and upload
- Information transferred into a medication list
 - displays number of pills in the bottle
 - refills
- Set up reminders to take medications



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Care Zone con't.

- Enter reason for taking medication, when you took medication, allergies, B/P, heart rate
- Information in the app can be shared with family and your doctor



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Wearables

- Small electronic devices worn under, with, or on clothing or a body part
- Track information with a mobile application "app"




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Wearables


- Fit bit
- Jawbone
- Apple Watch
- Garmin




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Rank	Name	Score
1	Libby H	55,561
2	Melissa W	50,324
3	Sophia H	55,596
4	Kelly W	55,644
5	Tessie C	55,152
6	You	55,018
7	Blair P	44,501
8	Rachel D	41,707
9	Kim P	31,480



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Sensoria Fitness Socks

- “Smart Socks”
- 3 Sensors in bottom of sock
- Magnets along top which anklet connects to
- Anklet transmits data to mobile app
- Able to track foot landing, steps, distance, etc.



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Sensoria Fitness Socks (con't.)

- Weighs less than 1 ounce
- Battery lasts about 6 hours
- Anklet adjustable



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What is included?

- Two pair of smart socks
- Electronic anklet--magnetically snaps to cuff of sock
- Anklet charger
- Mobile application (app)
- Price \$199.00
- <http://store.sensoriafitness.com/00>



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Insulin

- Hormone body naturally produces
- Released in response to sugar
- Unlocks cells so sugar can enter
- Lowers blood sugar levels in blood stream
- Cannot be taken in oral format
- Must be injected or inhaled



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Tresiba (degludec)

- Ultra long acting insulin lasts beyond 42 hours
- Consistent dose at same time each day
- Miss a dose, take next dose if more than 8 hours in between
- Available in different formulations with less volume in higher formulation
- Can use up to 8 weeks once opened
- Each pen contains 600 units compared to 300
- Side Effect: Hypoglycemia
- Cost: Savings cards for private insurance



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Tresiba (Insulin Degludec)

- 200 unit pen
- 100 unit pen



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Toujeo (insulin glargine)

- Lasts up to 36 hours
- Consistent dose same time each day
- 1/3 less the volume than other insulin
- Large molecule shrunk to a smaller molecule so small surface area causes a slower release
- Lasts 42 days
 - Releases gradually to provide stable insulin levels for full 24 hours and beyond



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Toujeo (con't)

- Only available in a pen
- Each pen contains 450 units of insulin
- Side effect: hypoglycemia
 - Less hypoglycemia especially at night
- Cost: Savings card with private insurance



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Humalog U-200 (lispro)

- Rapid acting insulin
- U-200 has less volume
 - Delivers same dose in half the liquid
- Only available in a pen
- Pen contains 600 units of insulin instead of 300
 - Stable for 28 days when using
- Benefits people on higher doses



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<p>Insulin Pump</p> <ul style="list-style-type: none"> • Portable device for people with diabetes that injects insulin at programmed intervals in order to regulate blood sugar levels • Designed for both type 1 and type 2 diabetes 	<p>Continuous Glucose Monitoring (CGM)</p> <ul style="list-style-type: none"> • Monitors blood glucose continuously, to let you see what's happening between finger sticks tests • Glucose meter uses the information from a finger stick test for a blood glucose value at that time • Able to see glucose values not able to have seen before
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Minimed 640 G Insulin Pump


- SMARTGUARD
- INTELLIGENT PUMP FEATURES
- PERSONALIZED CONVENIENCE



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SMARTGUARD

- Protect against low blood sugar
- Blood sugar low, pump stops giving insulin
- Blood sugars come up, resumes insulin delivery
- Set different blood sugar targets in the pump



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MiniMed® 640G System
BREAKTHROUGH TECHNOLOGY THAT THINKS ABOUT YOUR PATIENT'S GLUCOSE CONTROL



