Diabetes Today

- Number of people with Diabetes (Type 1 and 2) is increasing
  - 44M (~12%) in the US (of that 5-10% Type 1)
  - ~500M across the globe
- What causes it?
- With good glucose control ALL complications are reduced by 70%

Diabetes Today

- Now people with Diabetes live nearly a full life
- All kids and adults can participate in school activities
- Most women are able to have healthy children
- Sugar does not cause diabetes; CALORIES and Weight Gain
- Healthy diet and exercise
- Technology improves lives
Current Therapies for Diabetes
Despite All the Meds ~50% don’t Achieve Targets

<table>
<thead>
<tr>
<th>YEAR</th>
<th>1990</th>
<th>92</th>
<th>94</th>
<th>96</th>
<th>98</th>
<th>2000</th>
<th>02</th>
<th>04</th>
<th>06</th>
<th>08</th>
<th>2010</th>
<th>14 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulphonylureas</td>
<td>since 1956</td>
<td>Metformin</td>
<td>since 1957 (Europe)</td>
<td>Acarbose</td>
<td>Metformin (USA)</td>
<td>Troglitazone</td>
<td>Insulin injections since 1921</td>
<td>Exenatide (GLP-1)</td>
<td>Afrezza</td>
<td>DPP-4 inhibitors (Gliptins)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

What Matters to YOU & Providers?
- Hypoglycemia
- Cost
- Weight Gain
- Glucose Excursions

Current Rx Fails to Achieve Glycaemic Targets
Despite All the Meds ~50% don’t Achieve Targets

What Matters to YOU & Providers?
- Hypoglycemia
- Cost
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Technology Helping You
Urine to SMBG to CGM

MARD: 9.2%
MARD: 12.5%
MARD: 12.6%
MARD: 11.5%
MARD ~11%

Freestyle Libre Pro-Flash
Glucose monitoring
Challenges in Managing Diabetes

- Finding the “right” Provider
- Cost Issues
  - Insulin and Medications, Devices
  - Co-Pays, MD Visits and Facility Costs
- Hypo- and Hyperglycemia
- Social Misconceptions and Chronic Complications
- Knowledge is “Power” and Awareness
- Prevention/ Cure

SEVERE HYPOGLYCEMIA AND A1C

Safety of a Hybrid Closed-Loop (HCL) Insulin Delivery System in Patients With Type 1 Diabetes

- Safe - 18 months Use
- No Severe Hypos or DKA
- Improves Glucose Control
- Need Support Systems

670G System
Artificial Pancreas, HCL

Approved by the FDA on Sept 28th, 2016

Garg et al: Diabetes Care: 29, 44-50; 2006

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Percentage of Individuals in the United States Without Health Insurance, 1963-2015
Data are derived from the National Health Interview Survey and, for years prior to 1982, supplementary information from other survey sources and administrative records. The methods used to construct a comparable series spanning the entire period build on those in Cohen et al and Cohen and are described in detail in Council of Economic Advisers 2014. For years 1989 and later, data are annual. For prior years, data are generally but not always biannual. ACA indicates Affordable Care Act.

SOCIAL MEDIA

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DOOR PRIZE

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CONFERENCE WORKSHOPS

8:30–9:15 & 9:25–10:10
Newer Medications for Diabetes
10:20–11:05 & 9:25–10:10
Future of Diabetes Technologies

Colorado G-H

8:30–9:15 & 9:25–10:10
Hypoglycemia and Glucose Control
10:20–11:05 & 9:25–10:10
Children Living with Diabetes

Colorado A-B

8:30–9:15 & 9:25–10:10
Diabetes Complications
9:25–10:10
Diabetes a nuestra cultura y el lenguaje
10:20–11:05 & 9:25–10:10
Healthy Living with Diabetes

Colorado I-J

8:30–9:15 & 9:25–10:10
Associated Autoimmune Diseases with T1D
10:20–11:05 & 9:25–10:10
Diabetes and Emotional Health

Colorado C-D

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Thank you

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Christie, Anne, Sandy, and Jamie

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IT Staff:
Jeff and CJ

Sponsors: King Soopers donated $5 gift cards and Pizzeria Locale donated a free pizza. Both are in your gift bags

Namaste!

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