
**Back to the Future with JDRF
Research**
 Derek Rapp
 April 27, 2019

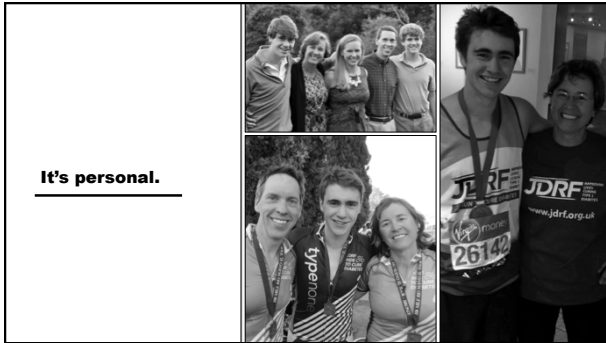
Disclosure to Participants

- **Notice of Requirements for Successful Completion:**
- For successful completion, participants are required to be in attendance in the full activity and complete the program evaluation at the conclusion of the educational event.
- **Presenter Conflicts of Interest/Financial Relationships Disclosures**
- No conflicts exist.
- **Disclosure of Relevant Financial Relationships and Mechanism to Identify and Resolve Conflicts of Interest:** No conflicts of interest.
- **Non-Endorsement of Products:** Accredited status does not imply endorsement by AADE, ANCC, ACPE or CDR of any commercial products displayed in conjunction with this educational activity.
- **Off-label Use:** Participants will be notified by speakers to any product used for a purpose other than that for which it was approved by the Food and Drug Administration.

2

<p>Agenda</p> <hr style="width: 50%; margin: 0 auto;"/>	<p>JDRF</p> <p>Needs of the T1D Community</p> <p>T1D Research</p> <p>Get Involved</p>
--	---

3



It's personal.






OUR MESSAGE OUR PROMISE

OUR MISSION


Improve lives today and tomorrow by accelerating life-changing breakthroughs to cure, prevent and treat T1D and its complications.

JDRF 7


GLOBAL LEADER IN T1D RESEARCH




COMMITTED
\$2.2B
CUMULATIVE RESEARCH FUNDING SINCE 1970




AWARDED OVER
150
NEW RESEARCH GRANTS IN FY18



CURRENTLY FUNDING
75
ACTIVE CLINICAL TRIALS



FUNDING RESEARCH IN
21
COUNTRIES ACROSS THE GLOBE

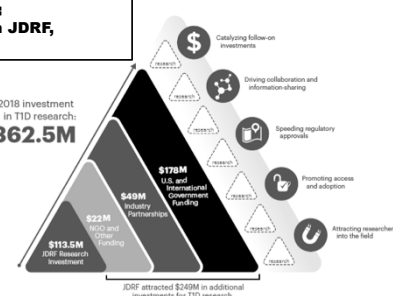


100+
20
PH.D SCIENTISTS

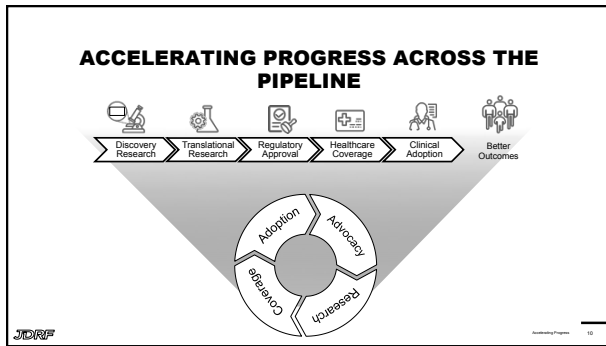
JDRF 8

JDRF LEVERAGE:
For every \$1 from JDRF, more than \$2 is invested in AT1D Research.

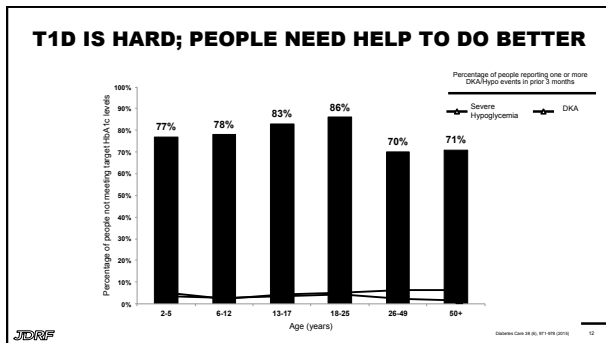
2018 investment in T1D research:
\$362.5M



JDRF 9



NEEDS OF THE COMMUNITY



TYPE 1 DIABETES T1D & **TYPE 2 DIABETES T2D**

Caused by an autoimmune disease with potential ties to genetic and environmental factors.

People with T1D cannot produce insulin and experience episodes of low blood sugar.

Cannot currently be prevented.

Requires insulin through multiple daily injections or infusion through insulin pump.

Counting carbohydrates in food and regular physical exercise are important in T1D management.

Tied to metabolism and genetic susceptibility.

People with T2D are insulin resistant and do not typically experience episodes of low blood sugar, unless a person is taking insulin or diabetes medications.

Can be prevented or delayed through diet and exercise.

Treatment Varies by patient. Often begins with dietary modifications, exercise and oral medicines. Some individuals with T2D take insulin shots or wear an insulin pump.

Reducing carbohydrate intake and regular physical exercise are important in T2D management.

1.25M Americans Diagnosed

27M Americans Diagnosed


JDRF

T1D AND PSYCHOSOCIAL

1/3 of adolescents with T1D develop diabetes distress


3x higher the prevalence of generalized anxiety disorder in people with diabetes


1 in 4 people with diabetes are affected by depression




JDRF

THE COST OF T1D

 Health Insurance Coverage

 Insulin Pricing

 Healthy Eating Is Expensive

JDRF
