








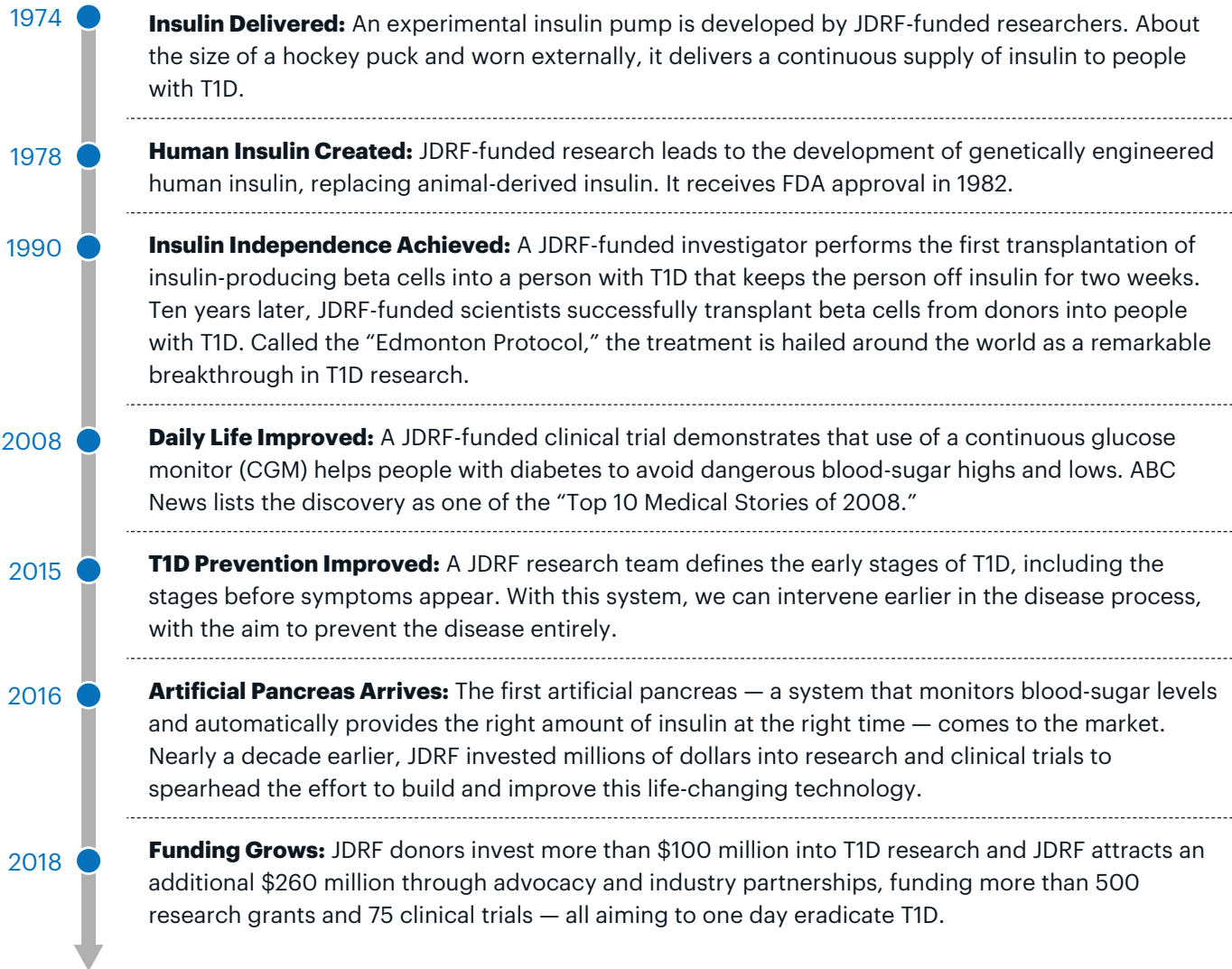
T1D Then & Now

Since JDRF began in 1970, our supporters have helped to transform the lives of people with type 1 diabetes (T1D). Our understanding of the disease, how we manage it and the outlook for the future have never been better.

THEN	NOW
<p>Almost 50 years ago, insulins were derived from animals, and safe dosing was wildly inconsistent.</p>	 <p>INSULIN</p> <p>Synthetic insulins with a range of speeds and durations offer the precision and flexibility to better control blood-sugar levels.</p>
<p>50 years ago, a prototype insulin pump was so large it had to be worn like a backpack. About 40 years ago, insulin pumps resembled a brick in both size and weight.</p>	 <p>PUMPS</p> <p>Compact insulin pumps fit easily into a pocket or can be worn as a patch — and some can even send updates to a smart phone.</p>
<p>Less than 20 years ago, continuous glucose monitors (CGMs) were available only to physicians for use in clinics.</p>	 <p>SENSORS</p> <p>CGMs are covered by almost all health plans, including Medicare, the largest insurer in the United States.</p>
<p>30 years ago, there was no way to predict whether someone would develop T1D.</p>	 <p>BIOMARKERS</p> <p>We have identified biomarkers to detect and track T1D well before symptoms arise, advancing the search for ways to slow or stop T1D's progression.</p>
<p>20 years ago, the U.S. government initiated the Special Diabetes Program (SDP), allocating \$30 million toward T1D research at the National Institutes of Health (NIH).</p>	 <p>ADVOCACY</p> <p>The SDP is renewed annually, now providing \$150 million each year for T1D research, and, in total, more than \$2.8 billion since the program's inception.</p>

Key T1D Scientific Discoveries

In our quest to find a cure for T1D and improve the lives of those living with the disease, JDRF has transformed the scientific understanding of T1D. We have directed nearly \$5 billion to create innovative treatments, kickstart new technologies, inspire innovative research and maintain a relentless focus on finding a cure for T1D. At every major milestone, JDRF was there as a funder, a partner or a catalyst.



2019

Every gift takes us one step closer to a cure for T1D. Find out how you can support JDRF and make a difference in the lives of people with T1D by visiting jdrf.org/donate.

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