

ADVANCES

IN INSULIN RESEARCH

CANADA

DIABETES TODAY

37.8 Million
Canadians
have diabetes



Canadians with diabetes account for:



Strokes



Dialysis cases
due to kidney
failure



Heart
Attacks



Non-traumatic
amputations

RESEARCH DEVELOPMENT

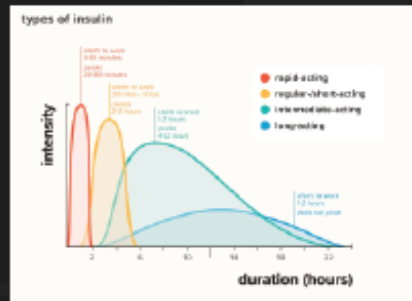
As insulin development moved from the natural sources to the laboratory, the market now hosts various types of insulin

Humulin opened doors to the development of analogs, altering absorption, distribution and excretion of insulin, offering improvements with each generation



Insulin Delivery

- Syringe
- Insulin Pen
- Insulin Pump
- Jet Injection



RISING COST OF INSULIN

Once sold for \$1,
now costs Canadians

\$35+
PER VIAL OF

INSULIN

Costs add up for diabetics
requiring multiple vials/month

2 vials # of Vials
Type 1

6 vials # of Vials
Type 2

Insurance Coverage

In Canada, there is no coverage for syringes and alcohol swabs, materials required for insulin administration

Costs add up as people with diabetes need to test their glucose several times a day

DIABETES CANADA

Diabetes Canada is calling on governments to make treatment for diabetes more affordable, and for more equitable access to treatment supplies across all provinces

\$840-2500
ANNUAL COSTS

CONSEQUENCES

While Canada is better than US at regulating the price of insulin, many Canadians still struggling making ends meet

57% of Canadians do not comply fully with their treatment due to high costs

Patients ration insulin, leading to complications such as eye problems & kidney disease