ADVANCES IN INSULIN RESEARCH

DIABETES TODAY

37.8 Million Canadians have diabetes

Canadians with diabetes account for:
- 30% Strokes
- 50% Dialysis cases due to kidney failure
- 40% Heart Attacks
- 70% Non-traumatic amputations

RESEARCH DEVELOPMENT

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

$840-2500 ANNUAL COSTS

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.

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.

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.