

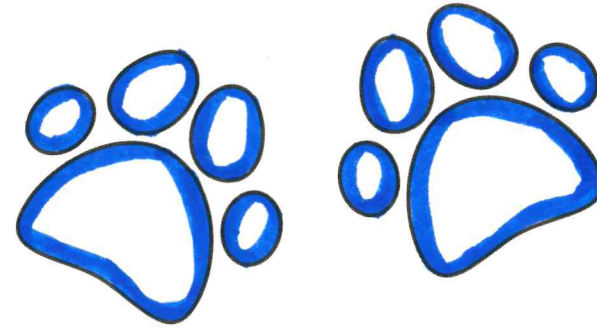
How Animals Saved Many Lives Including Mine!

Facts

- 33.7 million vials of insulin are used per year globally.
- 425 million people have Type 1 diabetes globally.
- The average price of a vial of insulin in 2023 is \$149.75
- The average diabetic uses about 2-3 vials of insulin per month.

Where We Are Now

- We are thankful for animals helping to provide a valuable drug needed by many to survive. Because of this research, many forms of insulin for diabetics have been created. Now all insulin is synthetic.



Connection to me

- I was diagnosed with type one diabetes at age 9.
- Without insulin I would not survive.
- My Grandpa and Cousin also have type one diabetes.

Timeline Of How Insulin Was Made

Background info: Before insulin was made doctors would make very strict diets for Diabetics. They were allowed only 400 calories per day and would keep them alive for a couple years.

1921: Frederick Banting and his colleague Charles Best discovered out how to get insulin from a dog's pancreas.

- They both kept a dog alive on insulin for 70 days until there was no more insulin left to give.
- J.B. Collip and John Macleod went a step further and made a more refined and pure form of insulin from a cattle.

1922: A 14 year-old boy, Leonard Thompson was dying of type one diabetes and he become the first person to ever get an injection of insulin, which was from a cattle.

1923: Banting and Macleod received a Noble Prize for creating insulin from a dog.

Info of Diabetes

- Type 1 is a chronic condition. Your body stops making insulin, which diabetics need to live.
- Type 2 is not a chronic condition. Your body still makes insulin but does not know what to do with it.

