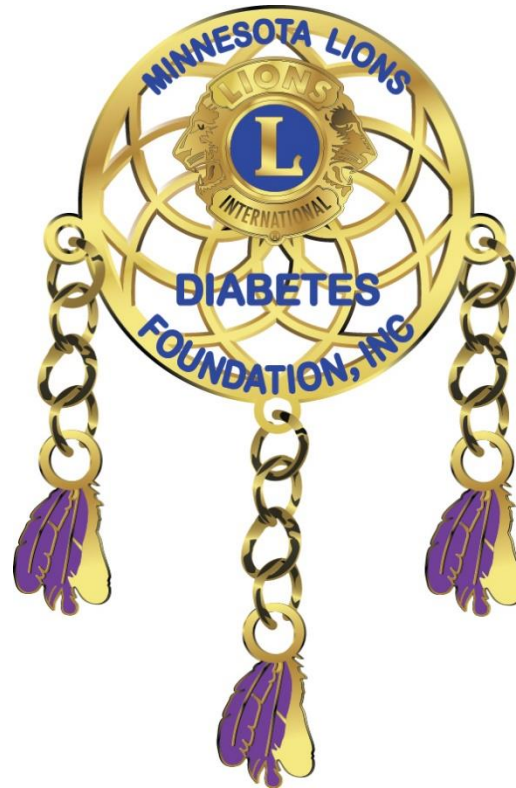
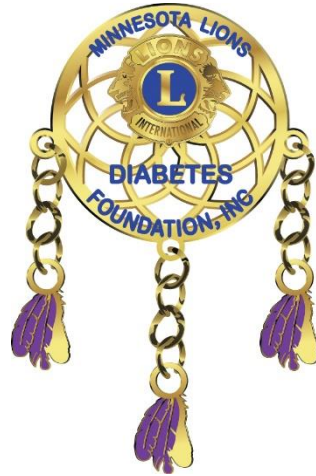


# MN Lions Diabetes Foundation, Inc.



Founded 2008



## **Mission Statement**

The Minnesota Lions Diabetes Foundation, Inc. is dedicated to improving the quality of life for people with diabetes by funding research to cure diabetes, providing education and sponsoring preventive health activities.



# Fund Research



- \* Preventing Rejection of Porcine Islets with Innovative Immunotherapies
- \* Testing Inflammation Drugs to More Effectively Treat Type II Diabetes
- Correcting the Underlying Autoimmune Disease that Causes Diabetes
- \* Quality Assurance Manager for **Manufacturing** of Licensed Human Islet Therapy



# Provide Education



## Common Symptoms of Diabetes:

- \* Urinating often
- \* Feeling very thirsty
- \* Feeling very hungry-even though you are eating
- \* Extreme fatigue
- \* Blurry Vision
- \* Cuts/bruises that are slow to heal
- \* Weight loss-even though you are eating more (type 1)
- \* Tingling, pain, or numbness in the hands/feet (type 2)

Are you at Risk?



# Sponsor Preventive Health Activities

Clubs are encouraged to partner with local/regional health providers to increase awareness of risks of Type 2 diabetes.

- Year 1: District Wide Project
- Year 2: Zone Projects
- Year 3: Club Projects



# Definition of Diabetes

## Type 1 Diabetes (5%)

An **autoimmune disease** where the body's immune system has killed the insulin producing beta cells in the pancreas.

## Type 2 Diabetes (95%)

An insulin resistance disease where the body either makes too little insulin or cannot effectively use the insulin it produces



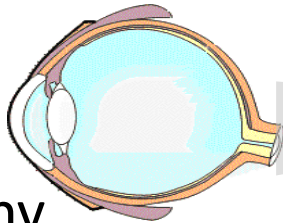
# Facts About Diabetes

- 1 in 4 people with type 2 diabetes aren't aware they have it
- Leading cause of:
  - New cases of blindness among adults
  - Kidney failure
  - Non-traumatic lower limb amputations

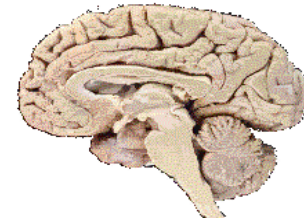
# Complications from too much glucose

**Microvascular complications    Macrovascular complications**

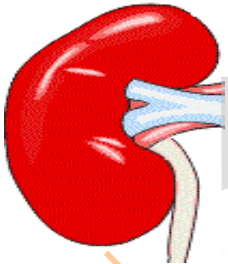
Diabetic Retinopathy



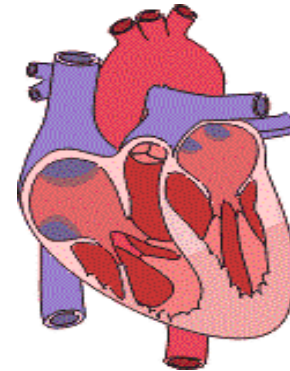
Stroke



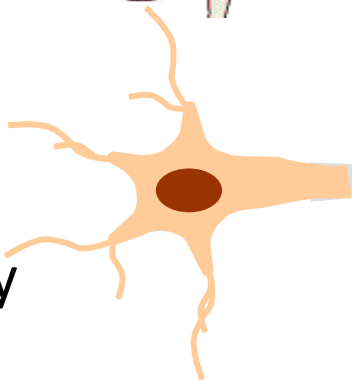
Diabetic Nephropathy



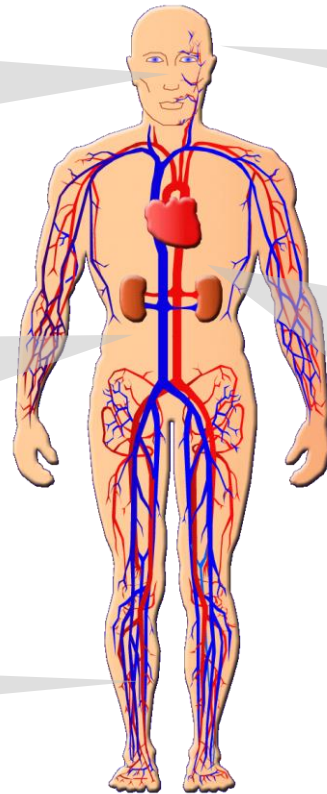
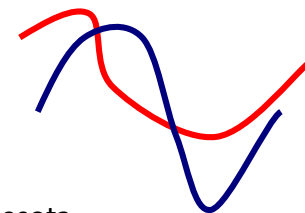
Heart disease



Diabetic Neuropathy



Peripheral vascular disease



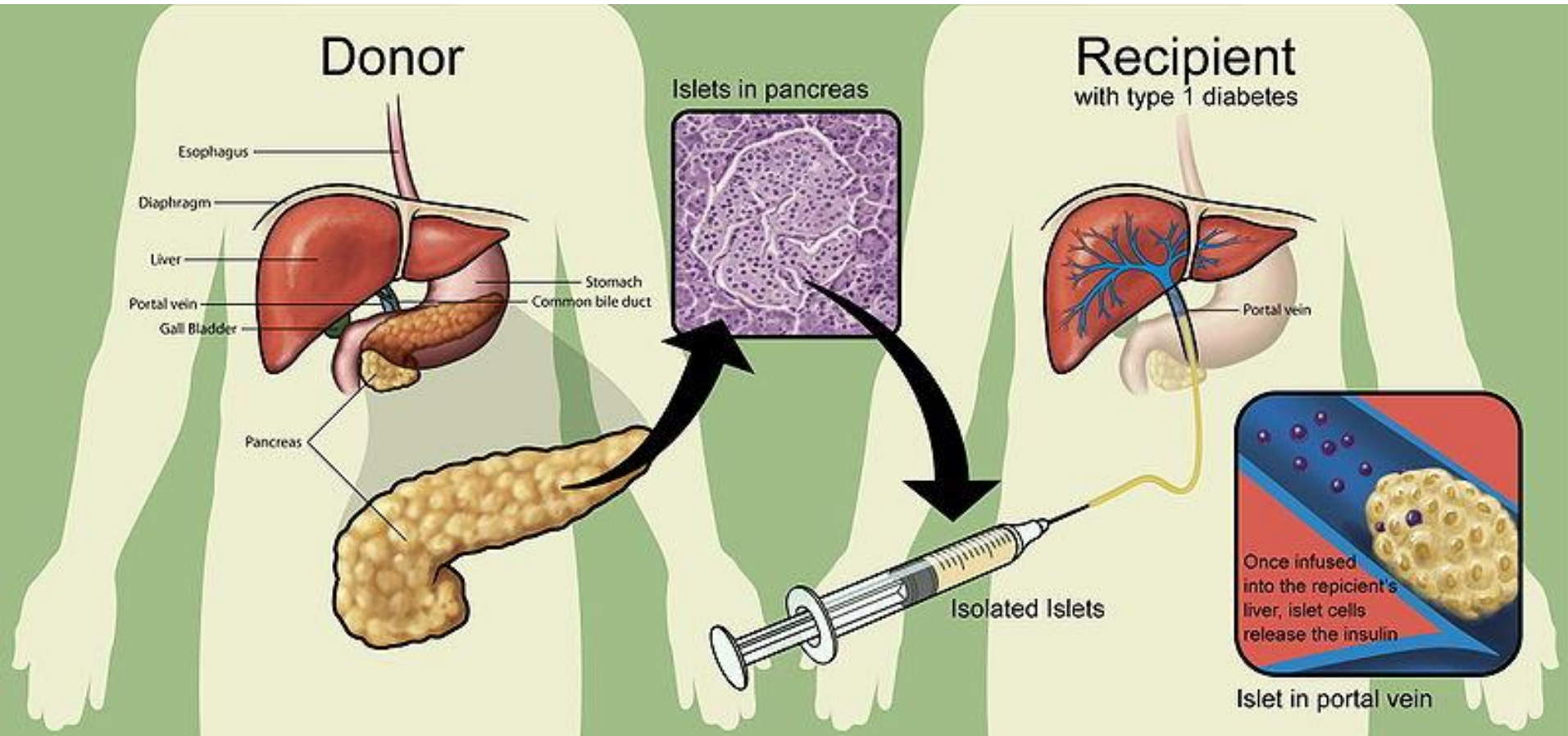
**Low Glucose Too!!**

\*Courtesy University of Minnesota



# A Cure for Diabetes:

## Islet Cell Transplantation





# How Can Lions Help?



How can Lions support the fight against diabetes...

1. Help identify prediabetes and provide resources for diabetics
2. Provide public awareness for the need for research, education, and preventive health screenings (A1C's) at community events
3. Donate to MN Lions Diabetes Foundation, Inc. 501(c)3  
Provides Research Grants to:
  - U of MN Islet Imaging Laboratory
  - U of MN Immunology and Metabolic ResearchPromotes Education and Provides Health Screenings
4. Donate to U of MN Diabetes Legacy Planning Program

Visit our website to donate @  
[www.mnlionsdiabetes.org](http://www.mnlionsdiabetes.org)

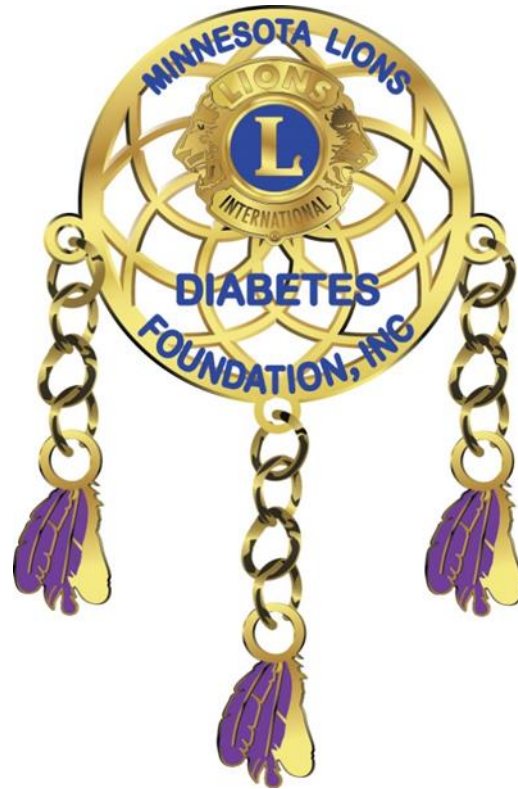
# Dream Catcher Award



**This award is given to a club or person  
who has donated \$1,000.00 to the  
Minnesota Lions Diabetes Foundation, Inc.**

Applications are on our website:

[www.mnlionsdiabetes.org](http://www.mnlionsdiabetes.org)



***“Catch the Dream”***  
**Life Without Diabetes!**



# Thank You Lions!

Together...  
We Can Find A Cure!