Are You the One?  
Familial Hypercholesterolemia in Worcester, MA

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Goal

To reduce the number of people suffering from undiagnosed Familial Hypercholesterolemia (FH) in Worcester, Massachusetts.

What is FH?

A genetic disease that causes dangerously high levels of cholesterol.

- High Risk
  - Heart Attack
  - Stroke
- Early Death
  - Life expectancy reduced by 15-30 years.

Where?

Focused on Worcester, MA

- Accessible
- Has locations that attract ethnicities with higher prevalence to FH

Acknowledgements

Special thanks to Tammy Berry RN, Joe Dainis, Dr. Dervilla McCann, Jim Monaco, Jill Rulfs, and Helen Vassallo for their contributions to FamHype’s program in Worcester, MA.

Method

- Fill out emergency and consent form
- A finger prick will test total cholesterol levels
- Lab will notify patients of cholesterol levels
- Patients will be referred to PCP for further testing

Expected Results

Undiagnosed FH Patients in Worcester, MA

- Percentage Undiagnosed
- 2018: 100%
- 2023: 80%
- 2028: 20%

Future Plans

- Run program every 5 years
- Plan implemented in more cities
- Undiagnosed FH decreases

Future Plans

This disease affects

1 in 250 people

References


Conclusion

- Funding increases, as the program and FH becomes more well-known
- Percent of undiagnosed FH cases continue to drop over the years
- Deaths by heart attack and stroke decrease