

DURHAM



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CITY OF MEDICINE



MEDIC ONE FOUNDATION

&

Durham Fire Department

**We will never stop looking for new
ways to serve our communities and
save lives**



Why are we doing this?

- Kills nearly 300,000 Americans each year
 - 6 x more than Breast cancer
 - More than Aids, lung, breast, prostate cancer combined
- When it strikes the heart stops abruptly, without warning
- For each minute that elapses, the chance of survival diminish 10%
- The effectiveness of treating cardiac arrest is one of the best outcome measurement for evaluating the quality of our emergency medical services.....



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1969



Dr. Leonard Cobb
Cardiologist
Harborview Medical
Center

Chief Gordan F. Vickery
Seattle Fire Department



Medic One Goals

Answer two questions:

1. Can non-physicians be trained?
2. Can lives be saved?





1969
Federal funding for a feasibility study

1970 Graduated 15 Paramedics

May 26, 1970

First patient discharged home from the hospital



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Seattle's First Innovation



First to implement the
“Tiered Response”

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Seattle's Second Innovation



First to implement
Citizen CPR

This is important



Seattle: The Model System

Seattle has become the system that Fire and EMS agencies around world are trying to copy, due to the effective results they have experienced treating cardiac arrests

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Seattle has more lives saved

50% survival rate – One of the highest in the world



Los Angeles 7%

New York 5%

North Carolina 5%

Chicago 3%

Detroit 0%

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Durham Fire Department

Established 1872





Early Nineties began a first responder Program



Something new that had not been tried in the city before
Citizens had to get use to the idea of a big red fire truck



The Community We Serve

- 230,000 Permanent citizens
- 325,000 people during working hours
- More than 19,000 emergency calls a year of which 9,000 or more calls are life-threatening medical emergency calls



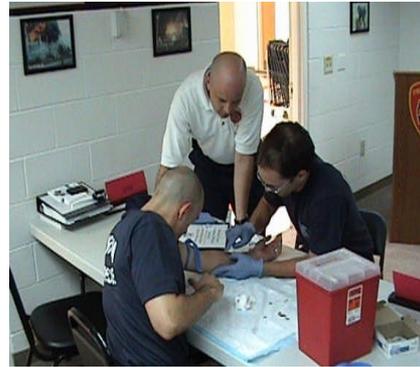
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In the late nineties the department began its advance life support program



The Intermediate program

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In 2011, Durham Fire began to aggressively approach the management of sudden cardiac arrest events, like in Seattle



Percentage of time we get a pulse back

Early nineties to 2010 12%-18%

Starting 2011 up to today 35%-40%

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40%

Applying just a few of the basic principles that are used in Seattle, look at what has been accomplished in Durham in just one year..... Imagine what could be done in the future with a little help





How Do We Improve?

What the Durham Fire Department is going to do with the help of the Medic One Foundation and You.....



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Create a foundation in Durham, under the financial stewardship of the Medic One Foundation in Seattle





Goals of the Durham Branch

- Community-wide CPR and AED training
- Advanced medical training for firefighters and paramedics, buy state-of-the-art D-fib units
- Up-to-date emergency medical equipment and supplies
- Public access defibrillators in targeted areas





Some of you may wonder why these things are not being done now.....

The Fire Department has a current EMS budget of \$38,000 a year

Some of the training equipment alone is well over \$50,000..... per item

So as you can see, we need help to make this happen in Durham

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Our Goal: Save More Lives

With your support, we can increase the number of people in our community who survive cardiac arrest, trauma, and other life-threatening medical emergencies





Durham Fire Department EMS Fund

An opportunity for businesses, individuals, and organizations to invest in the quality of our regions emergency medical services





Fire Department EMS Fund

Proposal:

- Establish the Durham Fire Department EMS Fund
- A sponsored fund under the Medic One Foundation
- Tax-deductible gifts will be deposited to our sponsored fund and used to support these life-saving initiatives
- The use of these funds will be guided by a Community Advisory Board

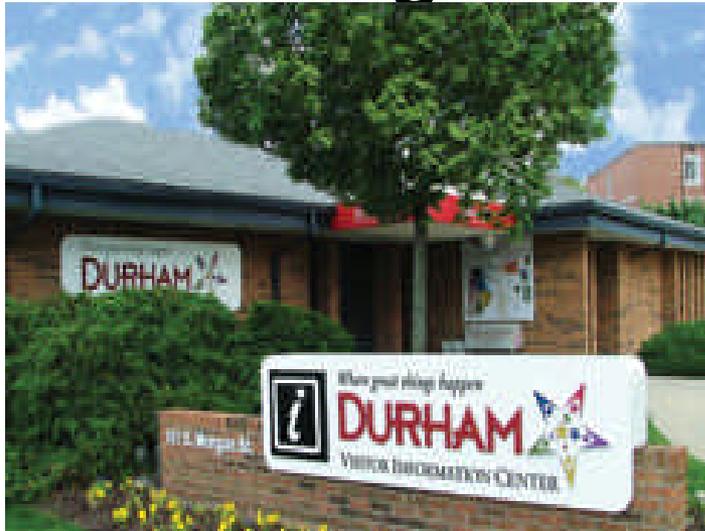


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Together we can make a difference for our community, for our neighbors and for ourselves





Questions / Concerns / Comments

**David Jacobs, EMS Coordinator,
Durham Fire Department
919-560-4242-ext 19226**

David.Jacobs@durhamnc.gov

**Jan Sprake, Executive Director, Medic
One Foundation, Seattle, Washington
206-744-9428**

jsprake@mediconefoundation.org