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&

Durham Fire Department

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

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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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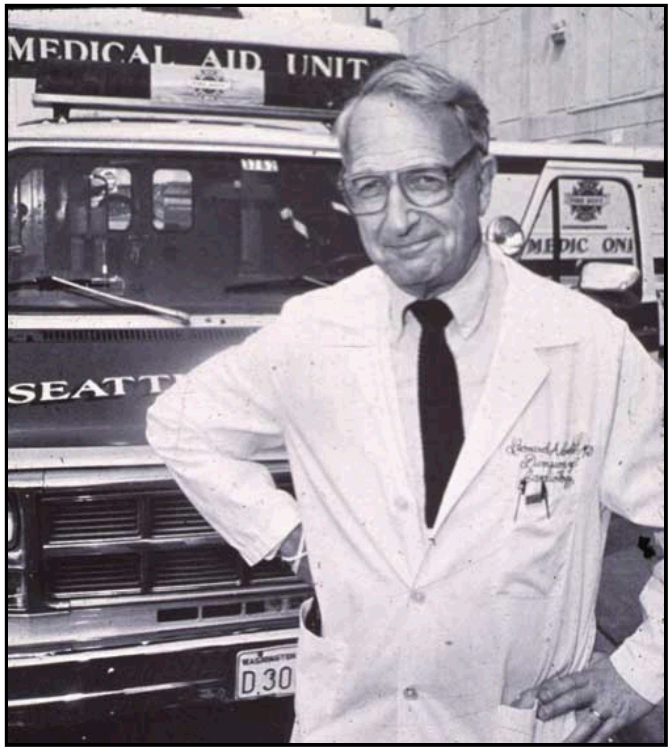
1969



Dr. Leonard Cobb
Cardiologist
Harborview Medical Center

Chief Gordan F. Vickery
Seattle Fire Department

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Medic One Goals

Answer two questions:

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

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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

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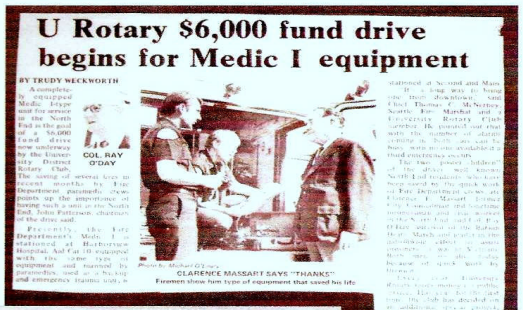
1971: Medic One Program Ending?

Seattle community demonstrates their faith in the new Medic One Program!

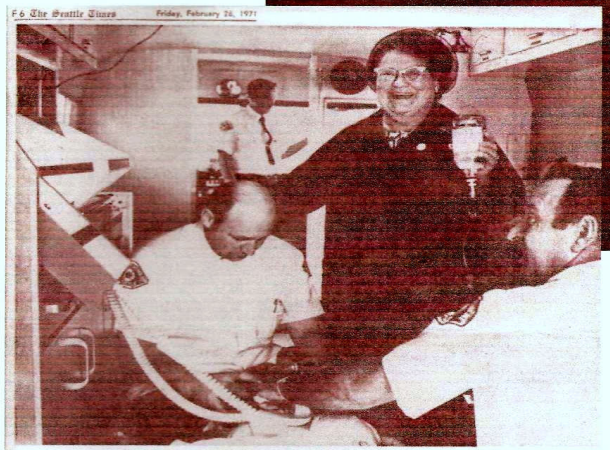


U Rotary $6,000 fund drive begins for Medic I equipment

BY TRUDY WECKWORTH

COL. RAY O'DAY

CLARENCE MASSART SAYS "THANKS"
Firemen show him type of equipment that saved his life



F 6 The Seattle Times Friday, February 26, 1971

Mrs. Mabel Pastrup joined a Medic I crew in a practice application of an intravenous solution to a pretended heart-attack victim. Crew members were Raymond Shew, left, yesterday, and Don Willsey. Clyde Neville was in the background of the Medic I van, on display yesterday at the Westlake Mall.—Staff photo by Pete Liddell.

Group raises $1,000 for Medic 1

Medic I Drive
Goal:
$100,000
Raised:
$67,125.65
Help keep Seattle's mobile coronary-care unit. Send contributions to P. O. Box 2100, Seattle 98114.
(Drive ends Feb. 28

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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

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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

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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

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

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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

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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

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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

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Durham Fire Department EMS Fund

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

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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

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