



# Community Based Paramedicine in Canada The future is Bright!!



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# Storytelling

- Short stories
- We only have 20 minutes
- We will barely scrape the surface

**If you to design a Paramedic system  
based on what you currently know.**

**Would you design the same system?**

Why now at this  
moment would the  
Government invest  
in  
Community  
Paramedicine?





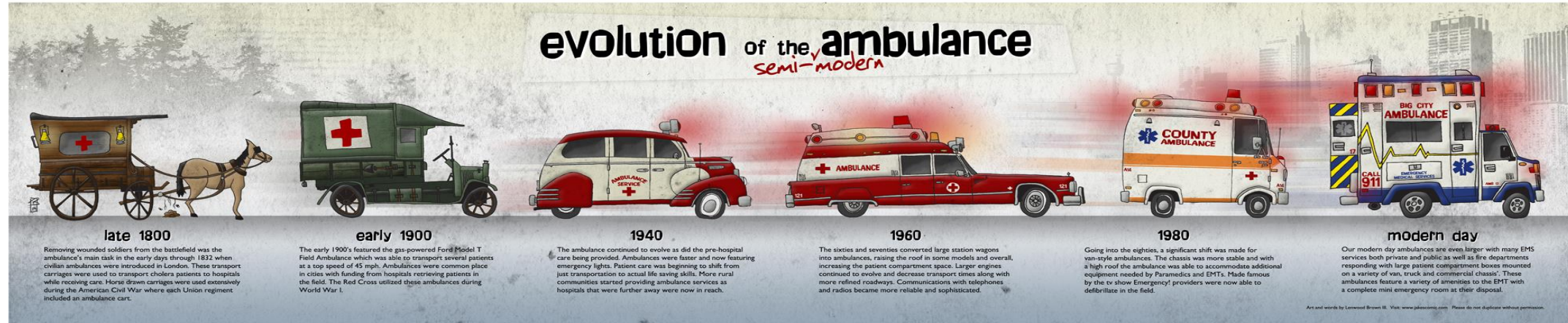
# Paramedicine History and Current Context

- Traditionally and historically Paramedics were called “Ambulance Drivers” due to their skill set

1. Pick up patient
2. Drive to hospital
3. Leave patient

Reactive

Responsive



# Paramedicine History and Current Context

- Currently with higher education and a vast scope of practice. Paramedics have developed into flexible competent healthcare clinicians.
- Public Safety and Health Care Providers

## Preventative



## Proactive

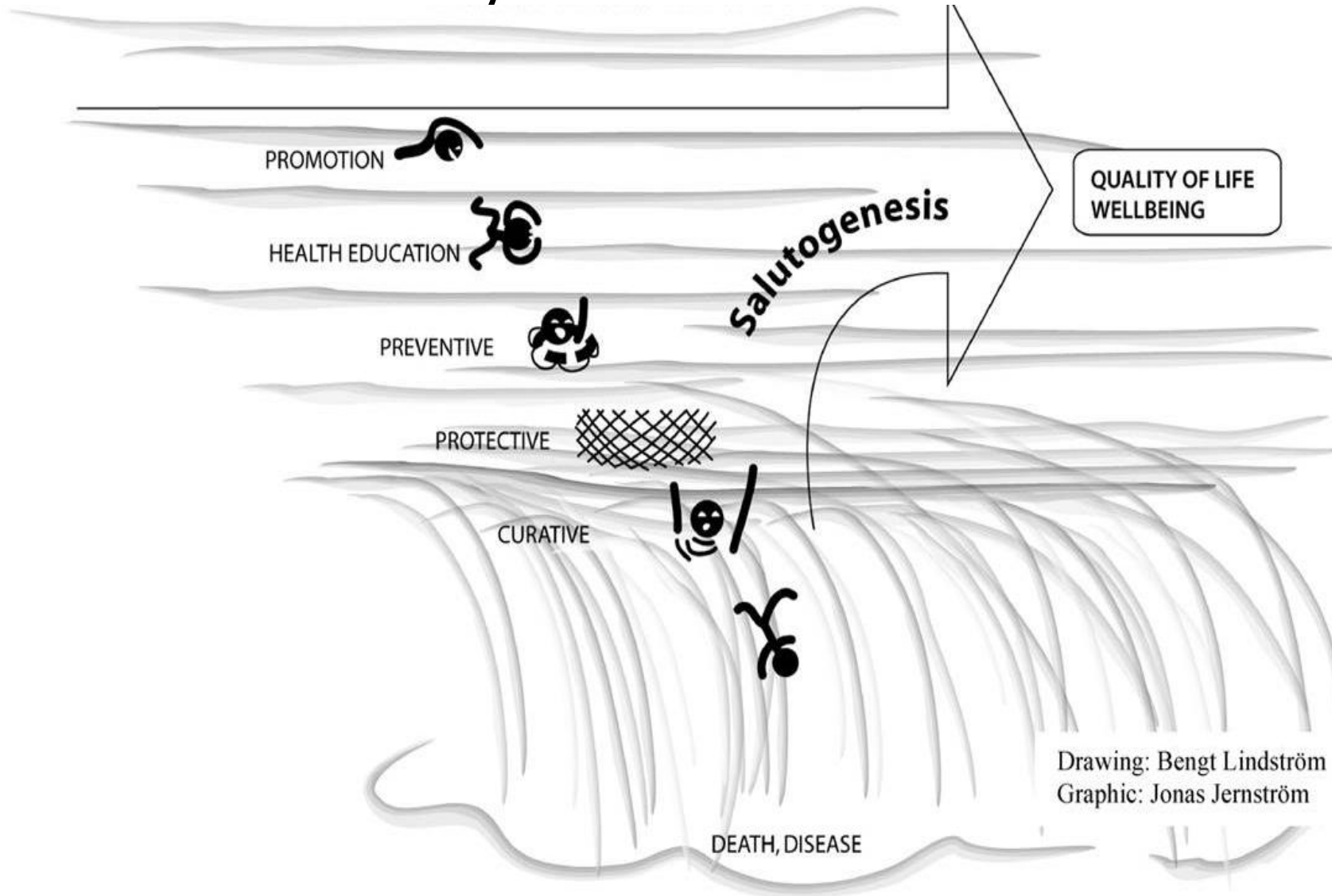


# EMS Emergency Medical Services

Versus

# Paramedic Services

# Community Paramedicine





# What do paramedics do?

we think



Ok, so...what do they actually do?









The  
Paramedic

# The Community Paramedic





# What have we done well...

## Future Health

- 90% of patients agreed that CPRPM improved their quality of life
- 89% of patients agreed that CPRPM improved their ability to manage their condition
- 84% of patients were satisfied they were moving closer to their health goals
- 95% of patients did not have any trouble using the RPM equipment
- 98% of patients were satisfied with the quality of care and coaching provided by the community paramedics

## Community Paramedicine Remote Patient Monitoring (CPRPM)

Table 2.8.3 explains hospital savings of up to \$6,316/patient. Table 2.10.1 extends the total program benefit to the 650 patients that completed the program to show a total savings of **\$4,728,100** from the CPRPM program. Using the cost of \$105/patient/month and assuming patients participate according to the 6 month target, the ROI to the overall health system is 541%. **For each \$1 invested, there is a net \$5 savings to the health system!**

**As the majority of the benefits from CPRPM accrue to the health system as a result of reduced ED Visits and Hospital Admissions (as opposed to reduced 911 calls), long-term sustainability of the**





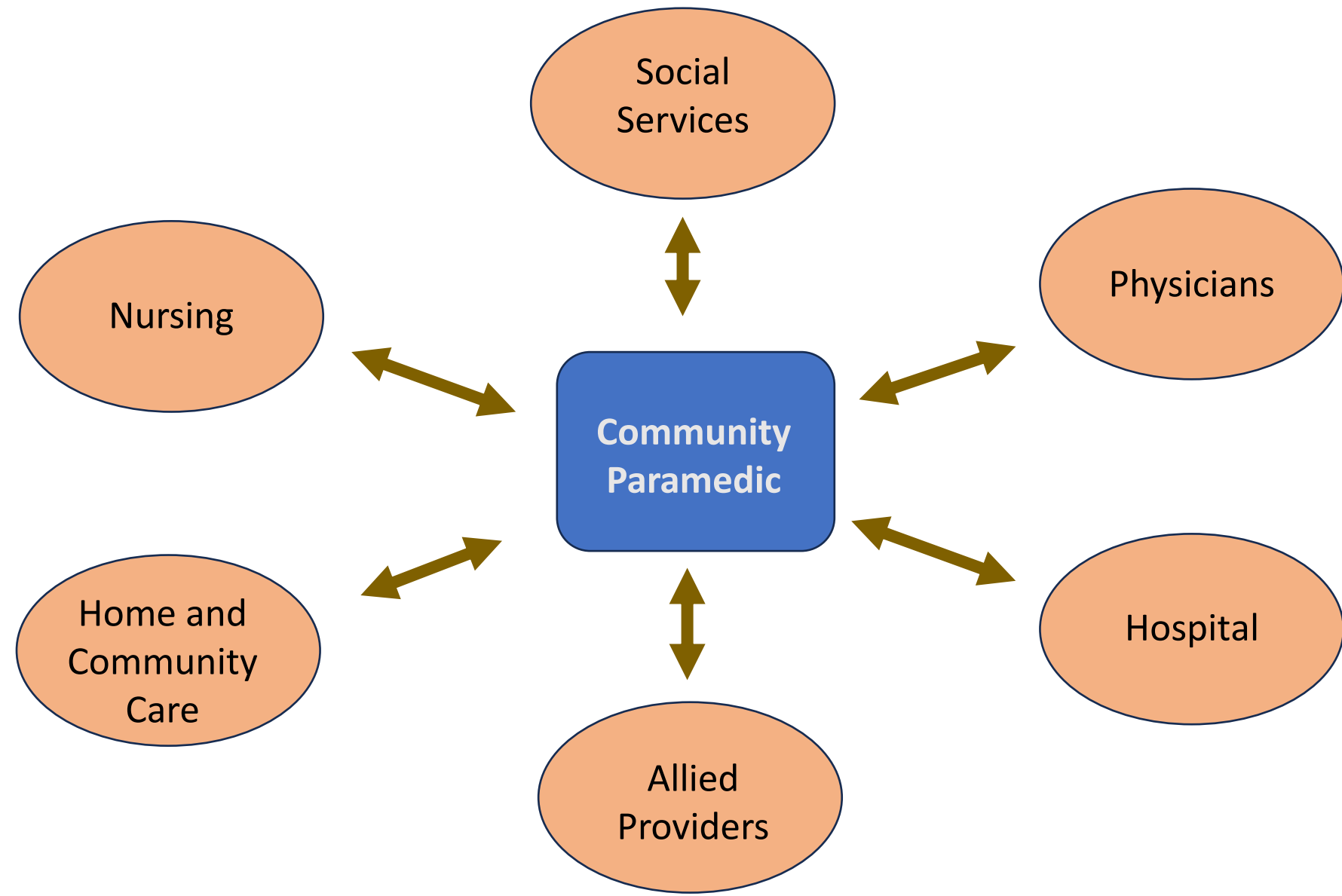
## Community Paramedic

Additional home assessment by a Community Paramedic

Unique  
Community  
needs  
Each community  
has different  
solutions



# Interdisciplinary Health Care Team Approach





Increase Access to Care

Relieve stress on the healthcare system

Provide the same level of care at a fraction of the cost

Enable continuous and ongoing care

**VIRTUAL HEALTHCARE**

# Chat JD

What will  
Paramedic  
Services and  
Services offered  
look like in the  
future?





# What will Paramedic Services and Services offered in the future look like?

Chat JD



- Telemedicine Integration
- AI and Predictive Analytics
- Enhanced Data Sharing
- Advanced Diagnostic Tools
- Mobile Health Units
- Drone and Autonomous Vehicles
- Community Paramedicine
- Alternative Transportation Options
- Simulation and Training
- Mental Health Support
- Higher Education

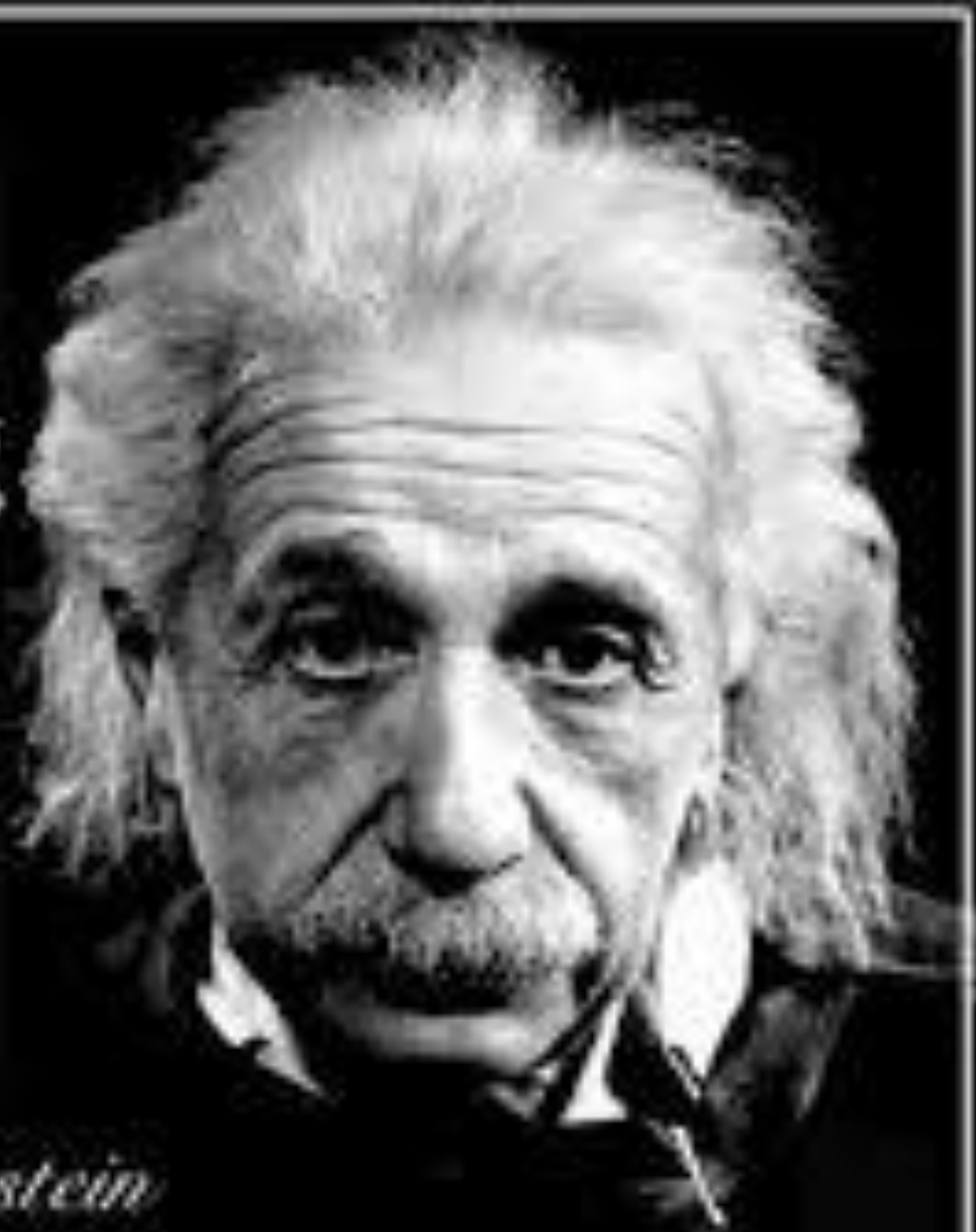


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Insanity:  
doing the same thing  
over and over again  
and expecting  
different results.

*- Albert Einstein*



# What do we need to keep doing?

- Focus on the patient needs and outcomes.
- Look at patient outcomes and measure them.
- Integrate with other professional as the navigator.
- Increase skill development, and education.
- Push forward with Paramedic-led research agenda
- Create more opportunity for Paramedic advancement
- Keep being nice to people.
- Everyone does not need to go to the hospital.
- Keep people living at home safe and secure for as long as possible.
- All professions do have a role in Paramedicine delivery



**“PEOPLE MAY NOT REMEMBER  
EXACTLY WHAT YOU DID  
OR WHAT YOU SAID  
BUT PEOPLE WILL NEVER FORGET  
HOW YOU MADE THEM **FEEL.****

*- Maya Angelou*



**Questions?**

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# 20th International Roundtable on Community Paramedicine

7-8 June, Quebec City, Canada

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