



# Lanark County Paramedic Service

“Making a Difference Daily”





# LANARK COUNTY PARAMEDIC SERVICE

Lanark County Ambulance Service was created on September 1<sup>st</sup>, 2000 by the amalgamation of the existing 4 services in the County, renamed Lanark County Paramedic Service in 2014

Almonte General Hospital chosen in 2000 to operate the service on behalf of the County

All Lanark County Paramedics are employees of AGH

Chief Travis Mellema reports to the AGH CEO

County Council approves the annual budget, collective bargaining mandate, Response Time Plan, and service enhancements outside the budget cycle

Council receives regular volume and activity updates throughout the year



# BASES



## Vehicles

### 13 Ambulances

- staffed by 2 paramedics
- respond to emergency scenes & transport patients

### 6 Emergency Response Vehicles (ERV)

- staffed by 1 paramedic
- respond to emergency scenes, do not transport

### 3 Administration Vehicles (vans)

## Km's Driven in 2022

Ambulances/ERVs = 951,482 kms

Administration = 95,922 kms

Replace vehicles at 5 year intervals





# OUR MOBILE WORKSHOP



Ambulances are stocked two of everything except the defibrillator and stretcher

A two person crew can carry upwards of 168 lbs of equipment depending on the scene

Average patient + equipment = >300 lbs



# CALL VOLUME 2022

(excl Community Paramedicine)

Station Code	Station Name	Priority-1	Priority-2	Priority-3	Priority-4	Priority-8	Total
<b>715 Lanark County Ambulance Service</b>							
0	Lanark County Amb. Service - Almonte	78	41	649	1,718	2,372	4,858
1	Lanark County Amb. Service - Cavelton Place	97	30	889	2,038	2,645	5,699
2	Lanark County Amb. Service - Perth	142	30	2,044	2,813	3,205	8,234
5	Lanark County Amb. Service - Lanark Highlands	2	0	185	761	860	1,808
6	715 06 Smiths Falls	42	16	1,254	3,085	3,154	7,551
<b>715 Total</b>		<b>361</b>	<b>117</b>	<b>5,021</b>	<b>10,415</b>	<b>12,236</b>	<b>28,150</b>
<b>Grand Total</b>		<b>361</b>	<b>117</b>	<b>5,021</b>	<b>10,415</b>	<b>12,236</b>	<b>28,150</b>

# STAFFING COMPLEMENT

- Paramedic Chief
  - Deputy Chief
  - Commander - Operations
  - Superintendents (5)
  - Admin Support Staff (2)
- 
- 51 - Full Time Positions (ACP and PCP)
  - 53 - Part Time Paramedics





# HOW TO BECOME A PARAMEDIC

To become a Primary Care Paramedic (PCP) a student must successfully:

- Complete an intense two-year Ontario College Diploma in all aspects of pre-hospital emergency medical and trauma medicine, including over 700 hours of practical experience.
- Pass the MOHLTC Advanced Emergency Medical Care Attendant Exam
- Pass the Ontario Base Hospital Advanced Life Support Exam (Medications and Defibrillation)
- To become an Advanced Care Paramedic (ACP), a PCP must successfully:
  - Complete a 3rd year of college, practical experience, and ride outs along with another provincial exam and another certification process





# TWO LEVELS OF PARAMEDICS WITHIN LCPS

Primary Care Paramedic	Advanced Care Paramedic
<ul style="list-style-type: none"><li>➤ 2 Year College Diploma Program (including 700 hours of hospital and clinical/practical experience)</li><li>➤ Advanced Emergency Medical Care Attendant Exam</li><li>➤ Ontario Base Hospital Advanced Life Support Exam</li></ul>	<ul style="list-style-type: none"><li>➤ Additional 1 year college diploma program (including 500 hours of hospital and clinical/practical experience)</li><li>➤ Must complete additional MOH-Base Hospital Certifications- "Advanced Care Paramedic"</li></ul>
Able to Administer 15 Medications	Able to Administer 26 Medications
9 Procedures and Controlled Medical Acts	18 Procedures and Controlled Medical Acts

Paramedics perform more Delegated Medical Acts than any other health care professions other than a physician



# HOW LCPS RESPONDS

- All LCPS crews are dispatched centrally through the Kingston Central Ambulance Communications Centre which is responsible for Quinte West to Johnstown to Renfrew and regulated by the Ministry of Health
- Exception: Fall within jurisdiction of the Ottawa CACC or Renfrew CACC when they enter their dispatch area (Dwyer Hill Rd or North of Pakenham respectively)
- All vehicles equipped with GPS and can be tracked by central dispatch
- All 911 calls must be dispatched within 45 seconds
- Expected response time is dictated by local Response Time Plan and varies with acuity
- Closest vehicle to the scene of a high acuity call must respond and transport patients to the closest, most appropriate hospital
- Exception: Bypass local hospitals and go directly to Ottawa or Kingston with stroke, trauma and STEMI patients
- LCPS vehicles are required to respond to calls in other jurisdictions, if closest, extending time away from the County



# WHAT IS COMMUNITY PARAMEDICINE (CPP)?

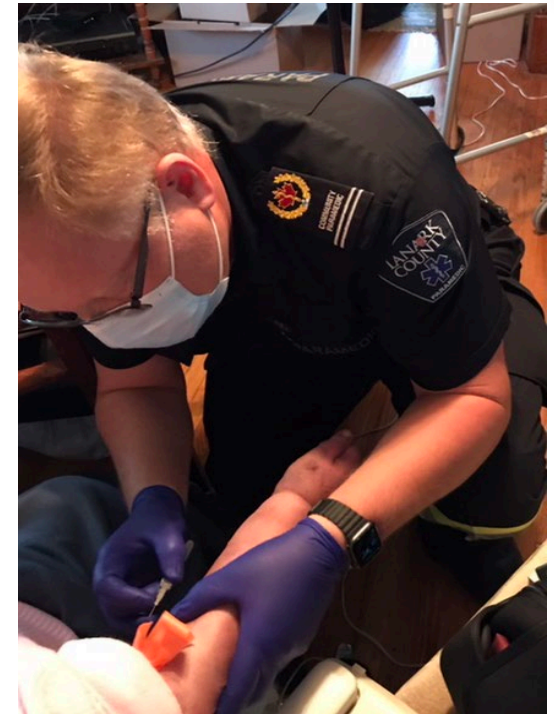
An evolving and flexible healthcare model that allows Paramedics to operate in expanded roles outside of traditional 911 response

Community Paramedics generally focus on;

- Liaising and connecting patients to primary care services
- Completing post hospital follow-up care
- Integrating with local public health and home health agencies
- Providing education and health promotion wellness clinics
- Mitigating & diverting unnecessary 911 utilization and ER visits
- Providing services not available elsewhere in the community

## CPP AT A GLANCE - 2022

- 371 new patients enrolled
- 3553 visits completed
- 2106 sets of vital signs
- 2040 physical wellness assessments
- 797 COVID-19 vaccines given
- 250 Influenza vaccines given
- 112 in-home blood draws





# CPP FUNDING MODEL

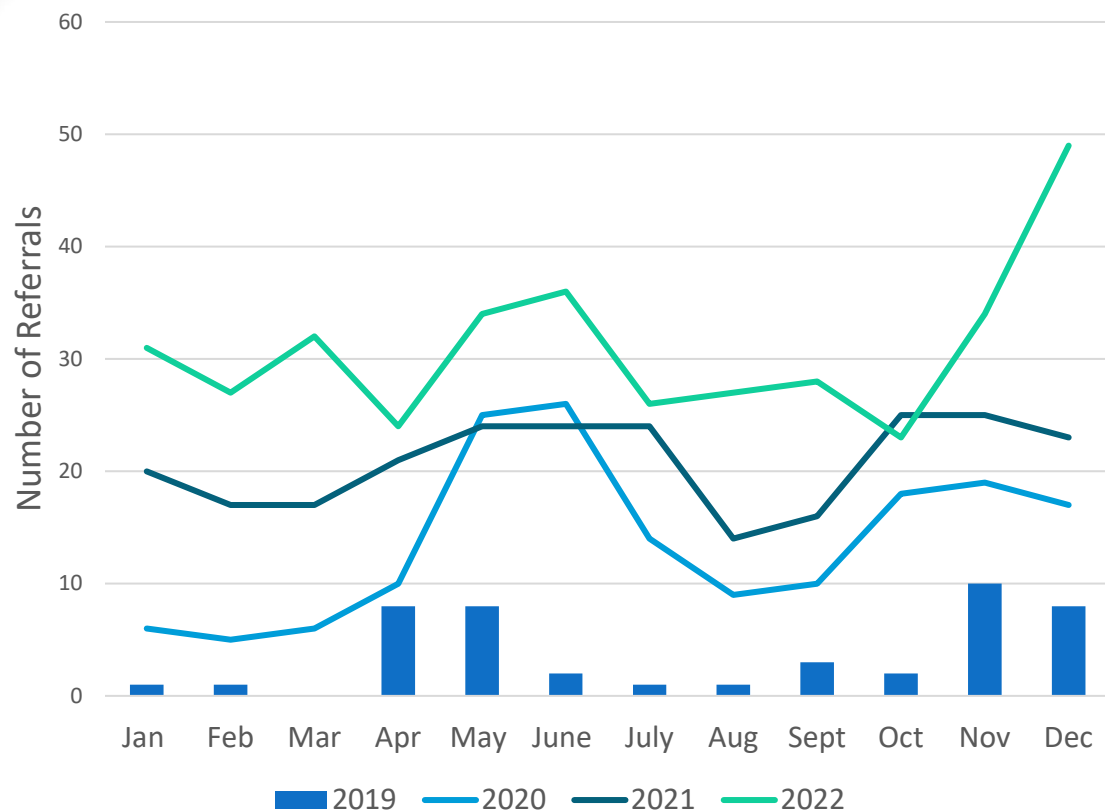
Currently 100% funded outside of the municipal 911 budget

- Ministry of Health- Community Paramedic Expansion Funding/High Intensity Supports at Home
  - Patients in crisis; transitioning from hospital and require alternate care; covid response; patient needs as required
  - One time yearly funding ending March 31st, 2023
- Ministry of Long Term Care – Community Paramedicine Long Term Care
  - Patients who are on the waitlist for Long-Term Care (LTC) or soon to be eligible for LTC
  - 3.25 year pilot funding ending March 31st, 2024



# CPP YEARLY GROWTH

Monthly Program Referrals Comparison  
2019-2022



Successfully supporting;

- 100+ Family Physicians and Nurse Practitioners
- Long Term Care
- Public Health
- Hospital Discharge Nurses
- COVID-19 Assessment Centres
- Local Health Integration Network (LHIN)
- Local Community and Social Supports



# WHAT STAKEHOLDERS SAY ABOUT THE CPP PROGRAM

"This service with its preventative and reactive components is an excellent community resource." -

Family member

"As a skilled mobile team, Lanark Community Paramedic Services are also the most well positioned to recognize the unmet needs of individuals residing in their own homes in community. They offer the required supports to reduce the use of unnecessary emergency medical and hospital services, no doubt lowering costs to the health care system, especially within the growing senior or aging populations."-  
Lanark County Mental Health

"We have seen how this program has demonstrated continuous positive outcomes for so many of our community who live at risk. This service is critical to the overall health and wellbeing of Lanark County -  
LHIN

"The Medical Advisory Committee in Carleton Place wanted to recognize the outstanding work your team have been doing...specifically the home visits for our elderly/infirm patients. It is truly appreciated." Dr. Fullerton

"The service that has been provided has supplemented the stretched and diminished supports that are currently available in our community." Dr. Kuchianad

"I can't convey in words how much the visits have meant to us." – Family member



# VOLUNTEERING & COMMUNITY INVOLVEMENT



School Visits



Bicycle Safety Rodeo



Touch a Truck Events



Lanark County Food Drive



THANK YOU

Questions?