



ADMINISTRATIVE REPORT

To: Warden and Council Members of the County of Frontenac

From: Elizabeth Savill
CAO

Prepared by: Paul J. Charbonneau
Director of Emergency & Transportation Services/Chief of Paramedic Services

Date prepared: August 3, 2011

Date of meeting: August 17, 2011

Re: **Emergency and Transportation Services – Expanded ST Elevation Myocardial Infarction Bypass Initiative**

Background

Cardiovascular Disease (CVD) continues to be a leading cause of death and disability in the SE LHIN region. We have the highest proportion of citizens 65+ years of age in Ontario, as well as the highest per capita prevalence of CVD-related risk factors. There is no doubt that if we are to minimize the impact of CVD on the health care system, we must act collectively and place an emphasis on the continuum of care.

Comment

In October 2011, a presentation was made to the South East Community Care Access Centre's Hospital Executive Forum (SECHEF) outlining the eight initiatives of the Cardiovascular Clinical Work Team as part of the Roadmap Project, and describing the present and envisioned future state, including:

Expanding the ST Elevation Myocardial Infarction Protocol (STEMI) to the entire SE LHIN Region will:

- *optimize STEMI care for more SE LHIN residents;*
- *improve outcomes as the result of earlier treatment;*
- *decrease LOS [length of stay] as the result of improved outcomes.*

Frontenac Paramedic Services has been involved in a STEMI Bypass Program since May 2005 wherein a patient suffering a suspected STEMI event (ie a heart attack) is taken directly to the Cath Lab at Kingston General Hospital (KGH) bypassing the emergency department.

The expanded STEMI Bypass Agreement will permit paramedics to bypass general hospitals and proceed directly to the Regional Stroke Centre at KGH where certain criteria and time elements are met. This new bypass protocol will see more patients from the northerly areas of our catchment area taken directly to the Regional Stroke Centre. It is important to note that the reduction of the time of onset to the Cath Lab procedure, balloon insertion, is critical.

Sustainability Implications

The County of Frontenac is dedicated to helping provide health and social services to the residents of the County. Residents, both permanent and seasonal, are able to access high quality health care through a network of care facilities and programs.

Financial Implications

None

Recommendation

That the Council of the County of Frontenac accept this *Emergency and Transportation Services – Expanded ST Elevation Myocardial Infarction Bypass Initiative* report for information;

AND FURTHER Council of the County of Frontenac authorize the Warden and Clerk to execute the Memorandum of Understanding - STEMI Bypass Initiative between the County, the Regional Paramedic Program of Eastern Ontario and participating hospitals.

Organizations, Departments and Individuals Consulted and/or Affected

SE-LHIN Cardiovascular Clinical Work Team
Regional Paramedic Program of Eastern Ontario