PROTECTING OURSELVES & THE COMMUNITY IN AN UNCERTAIN WORLD

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@AckerJoe
#PAIC2018

DISCLOSURES

I HAVE NO ACTUAL OR POTENTIAL CONFLICT OF INTEREST IN RELATION TO THIS PRESENTATION.

CANADA

Living the American Dream without the violence since 1867

OTTAWA

OCTOBER 2014






1914 - 1918
THE UNKNOWN SOLDIER
LE SOLDAT INCONNU


1914-1918
THE UNKNOWN SOLDIER
LE SOLDAT INCONNU






ILE-DU-PRINCE-EDOUARD
NOUVELLE-ÉCOSSE




STOP
ARRÊT

EDMONTON

SEPTEMBER 2017






U-HAUL
POLICE

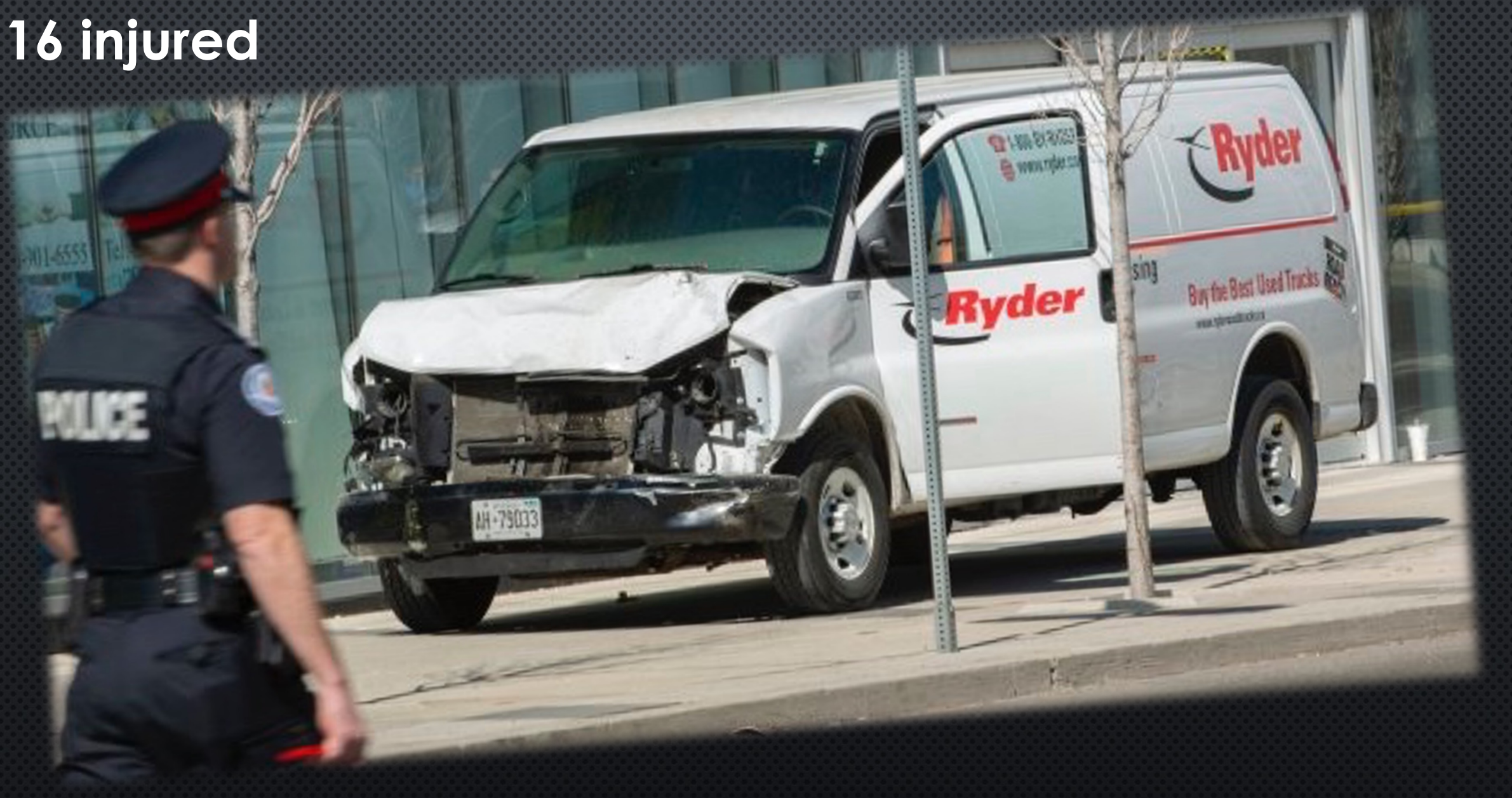
TORONTO

APRIL 2018



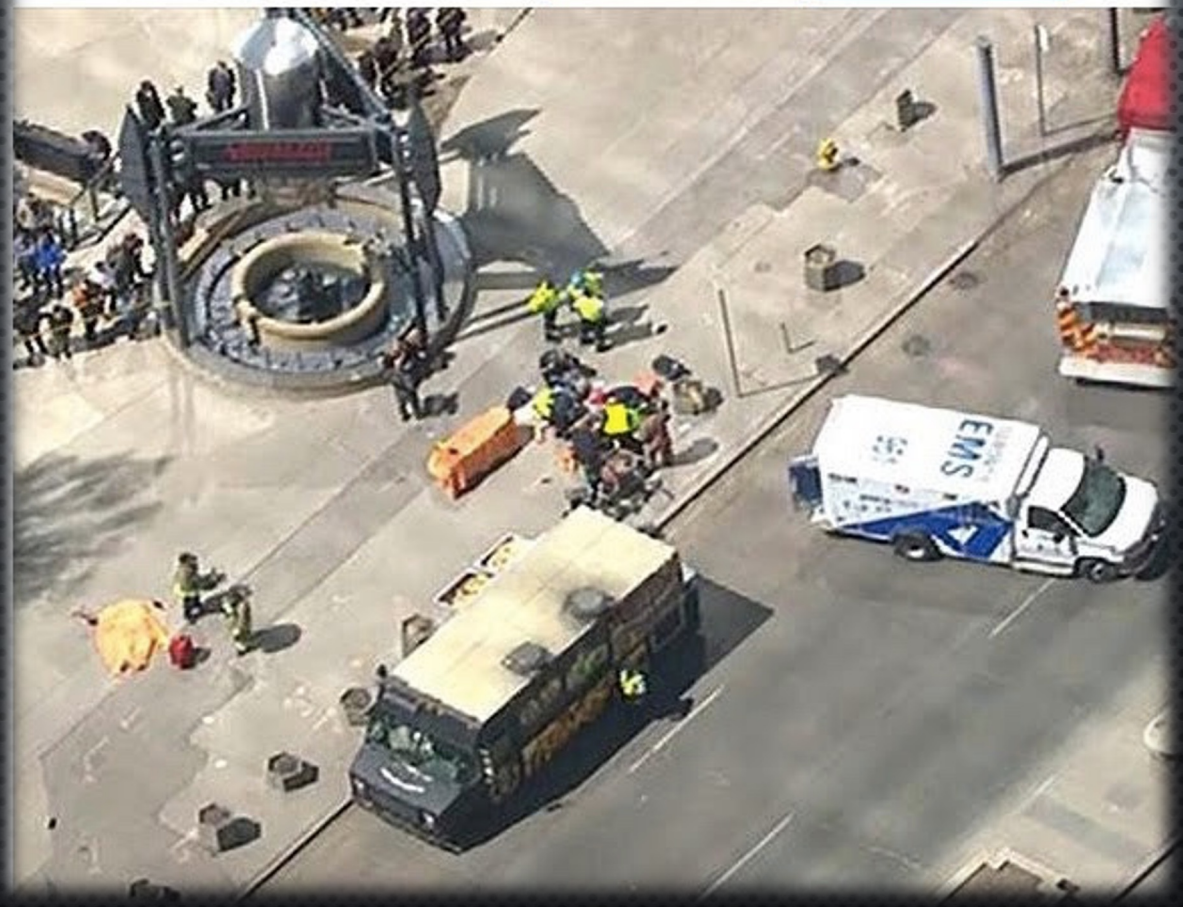


10 killed
16 injured



UP TO 9 DEAD AS WHITE VAN HITS PEDESTRIANS IN TORONTO, DRIVER DESCRIBED AS 'ANGRY AND MIDDLE EASTERN'

SHARE | EMAIL | SHARE | TWEET





1

PUBLIC SAFETY UNIT (PSU)



2

TACTICAL
EMERGENCY
MEDICAL **S**ERVICES
(TEMS)



3

INCIDENT RESPONSE PARAMEDICS (IRP)



4

PAWS



VIOLENCE & TERRORISM




16
OILERS
CCM


25


2011
NCOUVER




SEARS
CARGO


140 injured
4 stabbed
9 police injured
101 arrested
300 charged
VANCOUVER
POLIC






OILERS
unplugg


BREAKING NEWS
RIOT POLICE MOVING IN
LIVE
Global
NEWS

PUBLIC SAFETY UNIT (PSU)





Trauma 1999; **1**: 255–263

Medical care in civil disorder

Robert A Cocks

Civil disorder may be defined in widely differing terms, depending largely on the political and legal system prevailing in a given country. The way in which the authorities manage disorder has important implications for both internal stability and the country's international image, and to a great extent the number of injuries will also depend on the effectiveness of this management.

For the police, ambulance service and hospitals, civil disorder will often necessitate the invocation of their respective major incident plans. Since the response requirements may be very different from other disasters, such plans need to address civil disorder specifically.

This paper reviews the various wounding agents that may be used by participants in civil disorder, and by security forces in their response. The issues of personal safety for emergency service staff are reviewed, and the organizational aspects of medical care emphasized.

Key words: civil disorders; riots; police; tear gases; fires; disasters

Introduction

Throughout history, civil disorder has always been feared by governments, whether totalitarian or democratically elected. Mismanagement of the state response to mass demonstrations and civil unrest has regularly led to the downfall of rulers and empires throughout the ages, and recent events indicate that such risks have not changed. In civil disorder, as in war, the emergency medical services must cope with the product of the conflict – the casualties.

To understand civil disorder, it is first necessary to consider issues of law and order and maintenance of the peace. 'Order' and 'peace' are concepts rather like 'health' – they are more easily defined by their absence. Apart from anarchists, who do not believe in the necessity of authority for a peaceful society, most citizens in a given country would accept a trade-off between laws restricting conduct that affects others, and the right to a peaceful existence. This balance varies from country to country, but two prerequisites are that the laws should be applied fairly, and that the community has at least a hope of moving towards prosperity. If the majority of citizens accept the deal with their government, the police force can concentrate on the task of dealing with criminals and not striving to maintain order (Vogler, 1991).

The next problem is how to define civil disorder. Without defining 'the peace' and 'order', it is difficult to decide what constitutes a breach of the peace, or disorder. Added to this difficulty, many countries have precautionary laws, which allow law enforcement personnel to decide (arbitrarily) what constitutes 'behaviour likely to cause a breach of the peace'. In some nations, such as China and Singapore, the situation is simple – the authorities have zero tolerance of gatherings by dissenters. However, in other countries, mass gatherings for the purposes of peaceful protest and demonstration are not illegal, and vast police resources are expended in monitoring and maintaining the peace at such events.

Legislation in Britain

The difficulties in defining disorder (or rioting, as a more common term) have already been mentioned. Early laws required proof of a specific offence, but

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Robert Cocks. (1999). Medical Care in Civil Disorder. Trauma.


VANCOUVER
POLICE


POLICE
CPS
PARAMEDIC


CPS
PARAMEDIC
CPS
PSU
POLICE


Georgia St
Hamilton St
KESLER
17

PARAMEDIC PUBLIC SAFETY UNIT

BENEFITS:

- SUPPORT SAFETY OF POLICE
- RAPID CARE CAN IMPROVE PATIENT OUTCOMES
- PLANNING / TRAINING BENEFITS
- SOME PARAMEDICS LIKE THIS WORK



PARAMEDIC PUBLIC SAFETY UNIT

RISKS:

- DANGEROUS
- RARELY USED
- PRIMARILY ADVANCED FIRST AID
- $$$ TRAINING & EQUIPMENT




PARKLAND, FL
FOX NEWS
1:01 MT
REPORTS OF ACTIVE SHOOTER AT FLORIDA HIGH SCHOOL
BREAKING NEWS


58 killed, 851 injured
Luke Broadlick/ Last Night
Las Vegas
TO LOCATE MISSING
CALL: (866) 535-5654
LAS VEGAS METRO PD
BREAKING NEWS
AT LEAST 58 DEAD, 500+ INJURED IN LAS VEGAS MASSACRE
Gunman fired from 32nd floor of Mandalay Bay Hotel
LIVE
CNN
NAS -7.91
INSIDE POLITICS

TEMS – TACTICAL EMS



Policy Statement

Policy statements and clinical policies are the official policies of the American College of Emergency Physicians and, as such, are not subject to the same peer review process as articles appearing in the journal. Policy statements and clinical policies of ACEP do not necessarily reflect the policies and beliefs of *Annals of Emergency Medicine* and its editors.

Tactical Emergency Medicine Support
Revised February 2018
Reaffirmed October 2012
Originally approved by the ACEP Board of Directors June 2004

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Tactical Emergency Medicine Support

[Ann Emerg Med. 2018;71:e127.]

The American College of Emergency Physicians (ACEP) believes that tactical emergency medical support (TEMS) is an essential component of military and tactical law enforcement teams. As an integral part of a tactical unit, TEMS helps maintain a healthy and safer environment for both law enforcement and the public. This unique subspecialty provides emergency care under extreme and potentially dangerous situations. Excellent management of injuries sustained during training or deployment requires proficiency in wound care, hazardous materials exposure, and evidence preservation. TEMS providers can provide medical insight during training, mission planning, and deployment of tactical teams.

ACEP encourages the following:

- Establishment of funding sources sufficient to provide the necessary personnel, equipment, and training for TEMS providers at the local, state, and federal levels
- Appropriate professional liability protection for TEMS providers
- Establishment of clinical care standards specific to tactical medicine through evidence-based research and proven methods
- Participation in recognized evidence-based training programs
- Dedicated medical oversight of TEMS programs by an experienced and tactically trained board-certified physician working collaboratively with emergency medicine and emergency medical services–boarded experts

Approved February 2018
Revised February 2018
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Originally approved by the ACEP Board of Directors June 2004

https://doi.org/10.1016/j.annemergmed.2018.03.016



1996



1998



2003

AHS EMS
@ahs_ems

2018 signifies the 20 year anniversary of Tactical Emergency Medical Support in Edmonton. Today the 44 last and present members of the TEMS team were honoured at our Pylypow Station in Edmonton.



2018-09-08, 12:55 PM





Calgary – 900 events per year


PARAMEDIC


EMS





TACTICAL COMBAT CASUALTY CARE

PREHOSPITAL TRAUMA LIFE SUPPORT

COMMITTEE FOR TACTICAL EMERGENCY CASUALTY CARE

CTECC



JULIE OLIVER AND DENNIS LEUNG

PREPPING FOR THE FRONTLINE

Tactical paramedics carry an additional 75 pounds of gear.

M9 KIT - ASSAULT MEDICAL BACKPACK







Talon stretcher (collapsible)

Weighs about 4.5 kg





Cold fire extinguisher



MASSIVE HEMORRHAGE AND RESPIRATION KIT

Gauze impregnated with hemostatic agent that promotes coagulation.

Surgical Airway Set, used when airway is compromised and ventilation and intubation are not possible due to injury.





BLEEDING/HYPOTHERMIA KIT

Seal for covering open chest wounds. Prevents air and debris from entering wound.



Heat reflective foil for regulating body temperature





IV KIT

Drip set for IV bag.



Intraosseous needle for injecting fluids and medication into bone marrow of tibia when veins are inaccessible.



Tranexamic acid prevents the body from breaking down blood clots. Used to prevent hemorrhaging.



Saline for replacing fluid volume.



TRAUMA LEG BAG

Individual first aid kit. Contains some items also contained in the M9 Assault Medical backpack.



OLAES dressing – Pressure dressing that contains gauze for wound packaging. For use on extremities, not chest wounds





Naseopharyngeal airways

Gauze

Sharpie: for marking tourniquet application time

Tourniquet

Needles for treating collapsed lungs. Allows air trapped in chest cavity to escape to allow lung to reinflate.



JULIE OLIVER AND DENNIS LEUNG




POLI
RCMP -


EXIT

RESCUE TASK FORCE CONCEPT



TACTICAL EMERGENCY MEDICAL SERVICES (TEMS)

BENEFITS:

- SUPPORT SAFETY OF POLICE
- RAPID ALS CARE CAN IMPROVE PATIENT OUTCOMES
- SOME PARAMEDICS LIKE THIS WORK (MORALE)



TACTICAL EMERGENCY MEDICAL SERVICES (TEMS)



RISKS:

- DANGEROUS
- OFTEN ARRIVE TOO LATE
- $$$ TRAINING & EQUIPMENT





UK POLICE SAY INCIDENT WITH EX-SPY AND HIS DAUGHTER ATTEMPTED MURDER

BREAKING NEWS

UK POLICE SAY EX-RUSSIAN SPY AND DAUGHTER WERE POISONED WITH NERVE AGENT

CANADA

Is Canada prepared for a chemical weapon attack like the one in the U.K.?

If a nerve agent like Novichok was used here, there are antitodes on hand to save a few of victims. A larger attack would test Canada's readiness.

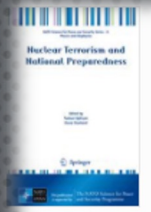
by Gaibrie Stephen, Tanishq Suryavanshi, Blair Bigham Apr 16, 2018



Personnel in protective coveralls and breathing equipment work at the Salisbury District Hospital in Salisbury, southern England, on March 10, 2018, after a man and a woman were poisoned in a nerve agent attack. (DANIEL LEAL-OLIVAS/AFP/Getty Images)

IRP – INCIDENT RESPONSE PARAMEDICS





Nuclear Terrorism and National Preparedness pp 49-52 | Cite as

Urban Response to CBRNe. Multi-service, Multi-jurisdictional, Response to Terror Events

Authors | Authors and affiliations

Gilbert J. Gelineau

Conference paper

444 Downloads

Part of the NATO Science for Peace and Security Series B: Physics and Biophysics book series (NAPSB)

Abstract

Terrorist attacks occur in the urban environment to maximize fear and confusion. The "urban first responder" is the critical asset in minimizing the effects of an attack. Urban first responders are first on scene, and first to extract and treat casualties. They are the first wave in protection of the public and infrastructure.

Special Operations Task Forces (SOTF) are the second wave of response. These task forces usually comprise urban police, fire and paramedic personnel with specialized training in Chemical, Biological, Radiological, Nuclear and explosive (CBRNe) identification and containment, including treatment of the contaminated and injured.

Federal policing and military units are the third wave of response. They respond at the request of the state and/or province, and are highly trained and effective specialists with advanced equipment and capabilities.

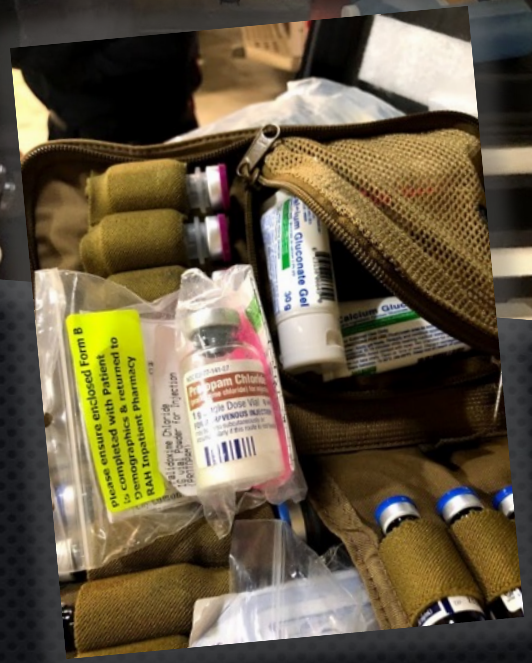
All levels of gove Mail t are responsible to effectively minimize the effects of terror events to

Gelineau, 2015


POLICE


POLICE
Calgary Fire Department
MED


PARAMEDIC
EMS IRP
CAUTION! ! PINCH POINT CAUTION! !

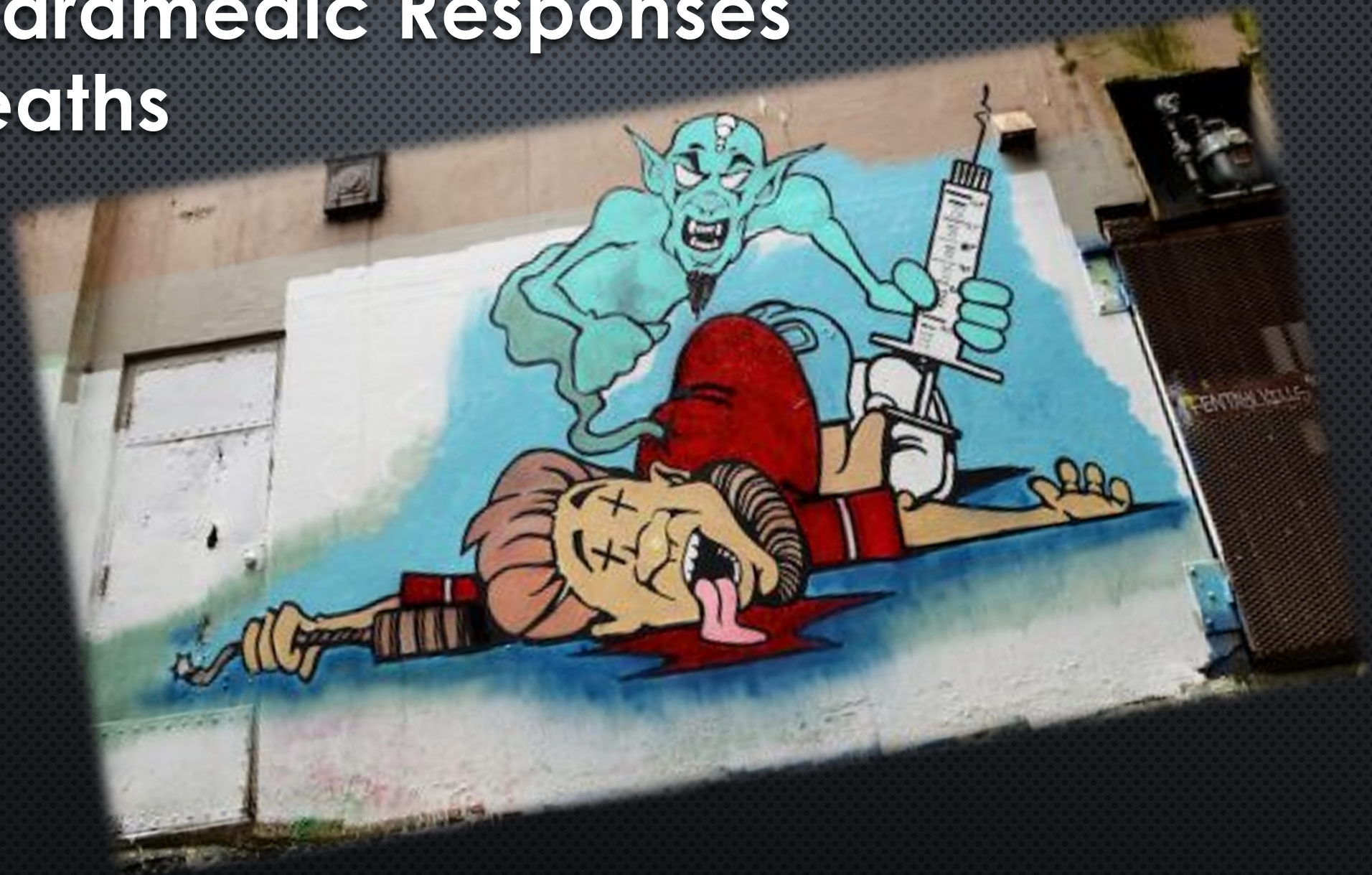

Please ensure enclosed Form B
is completed with Patient
Demographics & returned to
RAH Inpatient Pharmacy


EMS IRP
CAUTION! ! PINCH POINT CAUTION! !


New Expanded Helpdesk Hours
help@bcehs.ca
PARAMEDIC SPECIALIST
AMBULANCE
BRITISH COLUMBIA


PARAMEDIC SPECIALIST
83842
BCEHS
Paramedic Specialist
RIT - KIT
PARAMEDIC SPECIALIST

Vancouver (BC) 2017
28,000 Paramedic Responses
1,420 deaths



IRP – INCIDENT RESPONSE PARAMEDICS

BENEFITS:

- RAPID ACCESS TO ANTIDOTES SAVES LIVES
- DECONTAMINATION SAVES LIVES
- EASY TO DEPLOY
- PROFESSIONALLY & CLINICALLY INTERESTING WORK
- CAN DO OTHER DUTIES



IRP – INCIDENT RESPONSE PARAMEDICS

RISKS:

- $$$ TRAINING
- FEW CBRNE & HAZMAT EVENTS BUT LOTS OF "I" EVENTS

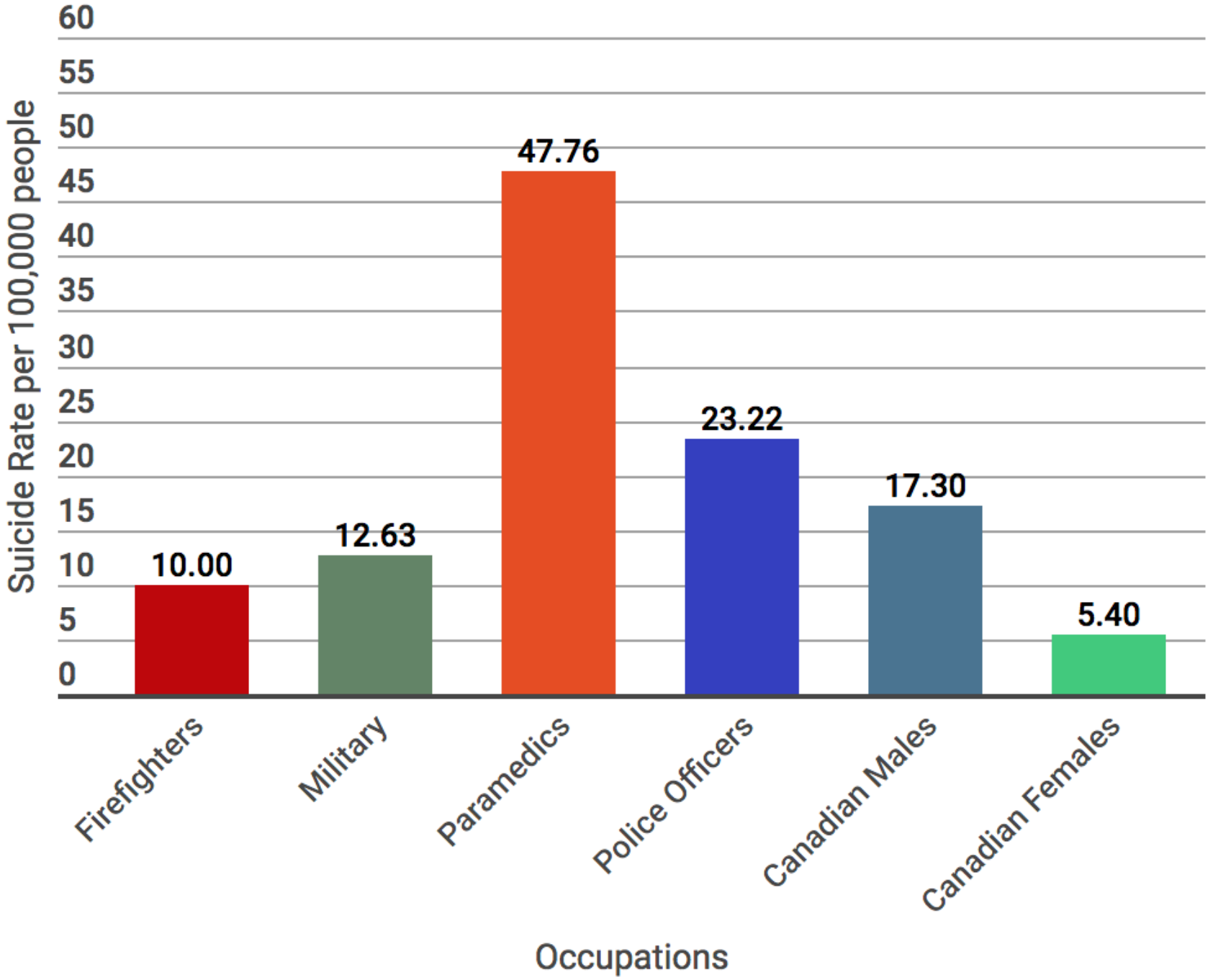




www.dansunphotos.com

2017

Suicide rate per 100,000




www.dansunphotos.com

PAWS – PSYCHOLOGICAL AWARENESS & WELLNESS SUPPORT

Psychological Awareness & Wellness Support (PAWS) Program



Handler Erica Olson and Delray

PAWS Program

The Psychological Awareness and Wellness Support (PAWS) program uses direct canine contact to assist Emergency Medical Services (EMS) responders who experience psychological stress.

The PAWS program uses a dog's natural instinct to provide emotional support.

When not supporting EMS staff after traumatic calls, the PAWS team promotes mental wellness to help decrease stigma, increase resiliency and raise awareness about the resources available to support employees experiencing a psychological injury.

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Ottawa

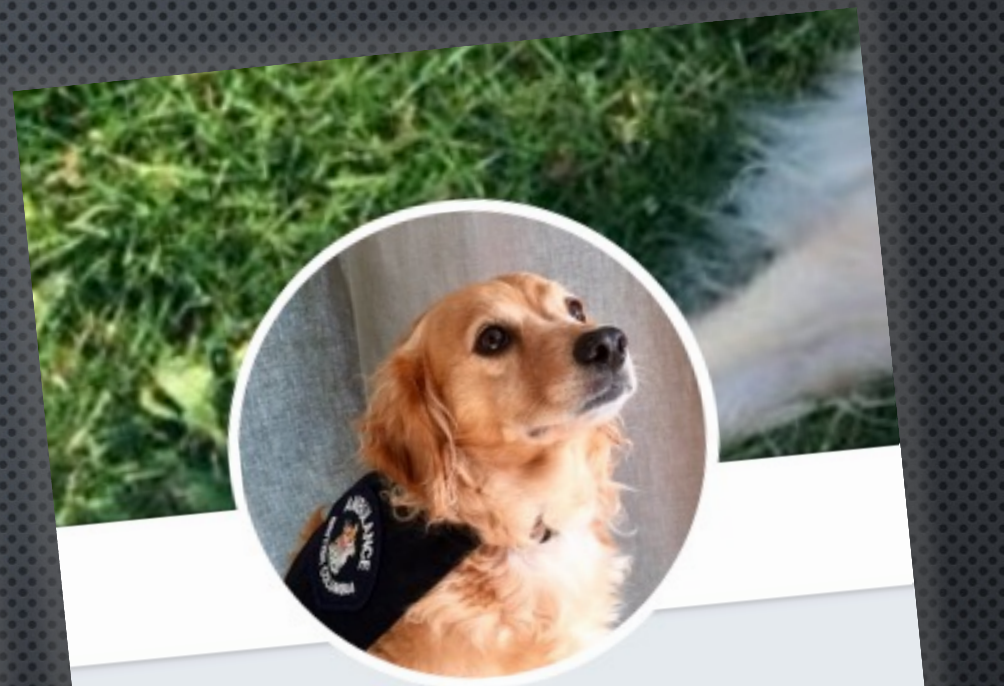
Meet Max, the dog who helps Ottawa paramedics deal with tough calls

First dog in Canada to be trained in-house to help paramedics cope, says handler

CBC News · Posted: Dec 30, 2016 6:03 PM ET | Last Updated: December 30, 2016



Max the golden retriever — and certified therapy dog — sits next to an Ottawa Paramedic Service vehicle. (Idil Mussa/CBC)



Abby

@EMSTherapydog Follows you

Abby is a 5 year old Miniature Golden Retriever that is part of a Therapy Dog trial with the B.C Ambulance Service. I live with BCEHS Supervisor @KyleEwasiuk

West Vancouver, British Columbia

Joined July 2017

Tweet to | Message


EMERGENCY
PARAMEDIC
62946



Z1003 Standard

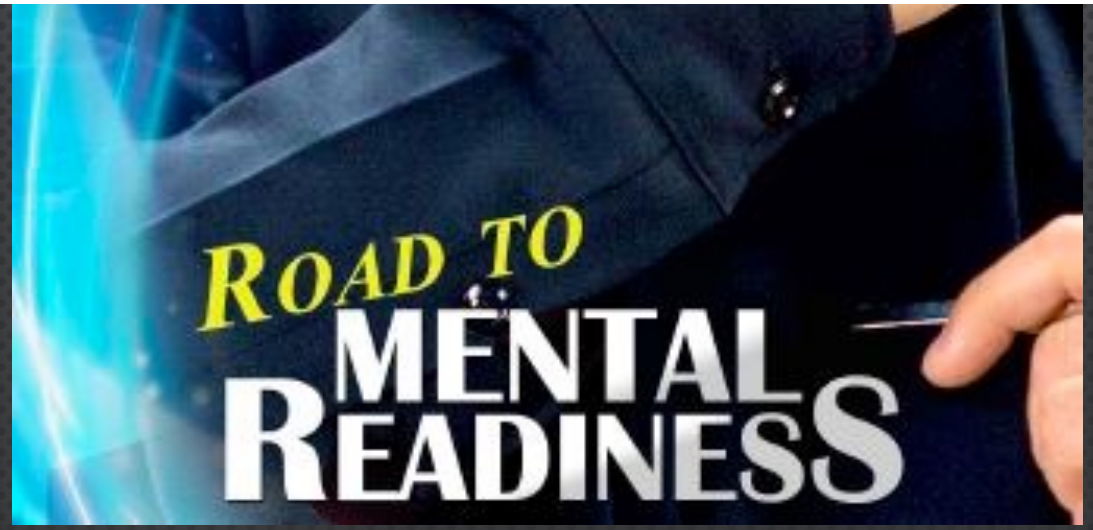
www.csagroup.org

Paramedic Association of Canada
Association des Paramedics du Canada

CSA Group

Paramedic Chiefs of Canada
Chefs Paramédics du Canada

Mental Health Commission of Canada
Commission de la santé mentale du Canada




Choices:
Past the shell of demons is a beautiful environment.
www.dansunphotos.com

SPECIAL THANKS:

- Chief Gord McEchern – Toronto Paramedic Service
- Craig MacInnes – Ottawa Paramedic Service
- Matthew Striepe - Alberta Health Services, Calgary
- Rob Wiggins - Alberta Health Services, Edmonton
- Dan Sundahl – DanSun Photo Art



Thank you!

joe.acker@bcehs.ca

@AckerJoe