

A large yellow chevron pointing right, positioned to the left of the workshop title.

ISMP Canada Workshop **Failure Mode and Effects Analysis (FMEA)**

Monday, June 20, 2016

Location: Regional Paramedic Program for Eastern Ontario,
2475 Don Reid Drive, Room 160A,
Ottawa, ON K1H 1E2

This full-day workshop provides healthcare practitioners with background theory and hands-on practice in prospective risk assessment using failure mode and effects analysis (FMEA)

Prospective Risk Assessment Using Failure Mode and Effects Analysis (FMEA)

The workshop curriculum is derived from the Canadian Failure Mode and Effects Analysis Framework Version II (2016).

Program Abstract:

Failure Mode and Effects Analysis (FMEA) is a technique used to identify process and product problems before they occur.

Through interactive group work, participants will learn how to diagram a process, how to identify potential failures, and how to redesign processes with consideration of human factors principles to decrease the likelihood of a failure impacting a patient.

FMEA is a team-based, structured process. It is forward-looking, in contrast to the retrospective approach of incident analysis and techniques such as root cause analysis. FMEA is based on the premise that all systems and processes contain embedded system failures.

Learning Objectives for FMEA:

On completion of the FMEA workshop, participants will be able to:

1. Identify processes suitable for analysis using FMEA;
2. Describe the steps required to complete an FMEA;
3. Map out a process and identify potential failure modes;
4. Develop redesign strategies based on systems theory and basic human factors principles; and
5. Apply principles learned to support medication safety activities in their practice setting

Audience:

EMS professionals, pharmacists, nurses, physicians, risk managers, patient safety officers, medication safety officers, and healthcare managers

Workshop Level:

Introductory

Location:

Regional Paramedic Program for
Eastern Ontario
2475 Don Reid Drive,
Room 160A
Ottawa ON K1H 1E2
Tel: 416-733-3131 Ext. 0

Time:

8:30 a.m. to 4:00 p.m.

Cost:

\$500 per person, plus applicable taxes

Further Information:

Telephone: 416-733-3131 Ext. 0

Toll Free: 1-866-544-7672

E-mail: education@ismp-canada.org

ISMP Canada Workshop

Failure Mode and Effects Analysis (FMEA)*

Monday, June 20, 2016

Location: Regional Paramedic Program for Eastern Ontario,
2475 Don Reid Drive, Room 160A,
Ottawa, ON K1H 1E2

AGENDA for Workshop: Monday, June 20, 2016 (8:30 a.m. - 4:00 p.m.)

A.M.	8:30 – 8:45	Welcome, Goals for the Day
	8:45 – 9:30	Introduction to FMEA and Small Group Exercise
	9:30 – 10:00	Introduction to FMEA Step 1 and Step 2
	10:00 – 10:15	Break
	10:15 – 10:45	Group Exercise: Step 1: Selection of a High Risk Process and Team
	10:45 – 12:00	Group Exercise: Step 2: Diagram the Process and the Sub-Processes
P.M.	12:00 – 1:00	Lunch
	1:00 – 1:30	Introduction to FMEA Step 3, Step 4, and Step 5
	1:30 – 2:30	Group Exercise: Step 3: Brainstorm Potential Failure Modes and their Effects Step 4: Brainstorm Potential Causes Step 5: Prioritize Failure Modes
	2:30 – 2:45	Break
	2:45 – 3:00	Introduction to FMEA Step 6 and Step 7
	3:00 – 3:30	Group Exercise: Step 6: Redesign Process Step 7: Analyze and Test the New Process
	3:30 – 3:45	Introduction to FMEA Step 8
	3:45 – 4:00	Closing Remarks/Feedback

**Workshop curriculum derived from the Canadian Failure Mode and Effects Analysis Framework© developed by ISMP Canada.*



ISMP Canada Workshop

Failure Mode and Effects Analysis (FMEA)

Monday, June 20, 2016 (8:30 a.m. - 4:00 p.m.)

Location:

Regional Paramedic Program for Eastern Ontario
2475 Don Reid Drive, Room 160A
Ottawa ON K1H 1E2

How to Register

Fax: 416-733-1146
Attn: Education
Mail: ISMP Canada
4711 Yonge Street, Suite 501
Toronto, ON M2N 6K8
Attn: Education
Contact: Phone: 416-733-3131 Ext. 0
Email: education@ismp-canada.org

REGISTRATION INFORMATION (Please print clearly)

First Name:	Last Name:	
Company Name:		
Mailing Address:	Business:	
	Home:	
City:	Province:	Postal Code:

Total payable:

\$565.00

* ISMP Canada reserves the right to cancel or re-schedule the workshop if minimum enrolment is not reached

Method of Payment Payment must accompany registration. Please make cheques payable to "ISMP Canada".

☐ Cheque ☐ VISA® ☐ Mastercard®

Name of Cardholder:

Credit Card #:

Expiry Date:

Signature:

GST Registration #898242219

Cancellation Policy:

Cancellation requests must be submitted in writing to ISMP Canada at least **7 days** prior to the workshop and are subject to a \$75 cancellation fee. Registration can be transferred to an alternate attendee.