Safety & Quality in Residency Education

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Alberta Health Services

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HQCA
Health Quality Council of Alberta

Outline

- **Anesthesia Q&S Education**
- **Educational frameworks**
- **Opportunities**

Anesthesia Q&S Education

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- Initial discussions
- Opportunity
  - Transition to Discipline Orientation
  - 2.66 full days
- Revisions
  - Participant & Faculty feedback
- Plans for 5 year program
  - Integration of Quality & Safety education

Anesthesia Q&S Education - 2

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- Education organized according to
  - HQCA Quality & Safety Education Framework
- PGY 1
  - Introduction
  - including Patient Safety Principles
- PGY 2-5
  - Deeper exploration
  - Learning Concepts and Learning Topics
    - within Quality & Safety Education Framework
  - Introductory Investigation & Management PSE

CanMeds 2015 Safety & Quality Competencies

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CanMeds Role	Competency
Medical Expert	**1.1** Recognize and respond to harm from healthcare delivery, including patient safety incidents
	1.2 Adopt strategies that promote patient safety and address human and systems factors
Communicator	**2.1** Disclose harmful patient safety incidents to patients and their families accurately and appropriately
Collaborator	**5.1** Determine when care should be transferred to another physician or health care professional
	5.2 Demonstrate safe handover of care, using both verbal and written communication, during a patient transition to a different healthcare professional, setting or stage of care
Leader	**6.1** Contribute to a culture that promotes patient safety
	6.2 Analyze patient safety incidents to enhance systems of care
Scholar	**8.1** Ensure patient safety is maintained when learners are involved
Professional	**9.1** Demonstrate a commitment to patient safety and quality improvement

Partnership

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- 3 organizations
  - University of Calgary
  - Health Quality Council of Alberta
  - W21C
- Collaborative model of education
  - design
  - delivery

Education Frameworks

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- **Based on two complementary models of the healthcare system**
  - **Winnipeg Model**
  - **Healthcare Encounter Safety & Quality Model**

- **Basis of current courses**
  - **Investigating & Managing Patient Safety Events (I&MPSE)**
  - **Certificate in Patient Safety & Quality Management (PSQM)**

Winnipeg Model (I&MPSE)

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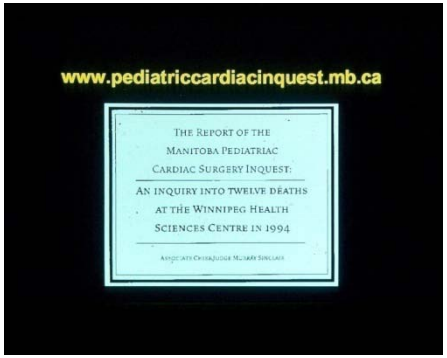
- Human Factors model
- incorporates
  - Donabedian: Structure, Process & Outcome
  - Reason: ‘Swiss cheese model’ concepts
  - Helmreich: basic components of a system



I&MPSE

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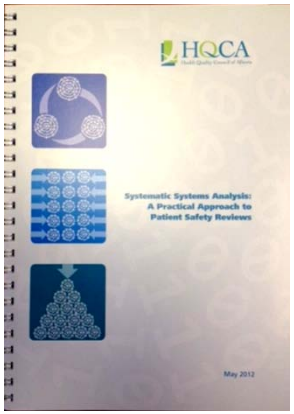
- ***Introductory*** **Investigating and Managing Patient Safety Events**
  - **Obtain investigative skills required to complete patient safety reviews**
  - **Practical application of *Systematic Systems Analysis: A Practical Approach to Patient Safety Reviews methodology***
  - **https://d10k7k7mywg42z.cloudfront.net/assets/5501df86c0d67106cf02ae61/HQCA_SSA_PSR_111913.pdf**
  - **Dates: February 3, 4 & 5, 2016**
  - **Location: Multipurpose Room, W21C, TRW**
  - **Enrollment: 30 participants**



I&MPSE

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- ***Advanced*** **Investigating and Managing Patient Safety Events***
  - **Further exposure to use of methodology**
  - **Other aspects of managing a patient safety event**
  - **Dates: March 9, 10 & 11, 2016**
  - **Location: Multipurpose Room, W21C, TRW**
  - **Enrollment: 20 participants**
  - ***Pre-requisite: completion of the Introductory course**

I&MPSE

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- **Certificate in Investigating and Managing Patient Safety Events**
  - **completion**
    - **both courses**
    - **mentored safety review**
  - **from the University of Calgary, CSM**
    - **Office of Continuing Medical Education and Professional Development**
- **Participants eligible for Continuing Education credits**
  - **CFPC**
  - **RCPSC**
  - **CCHL**

Healthcare Encounter Safety & Quality Model (PSQM)

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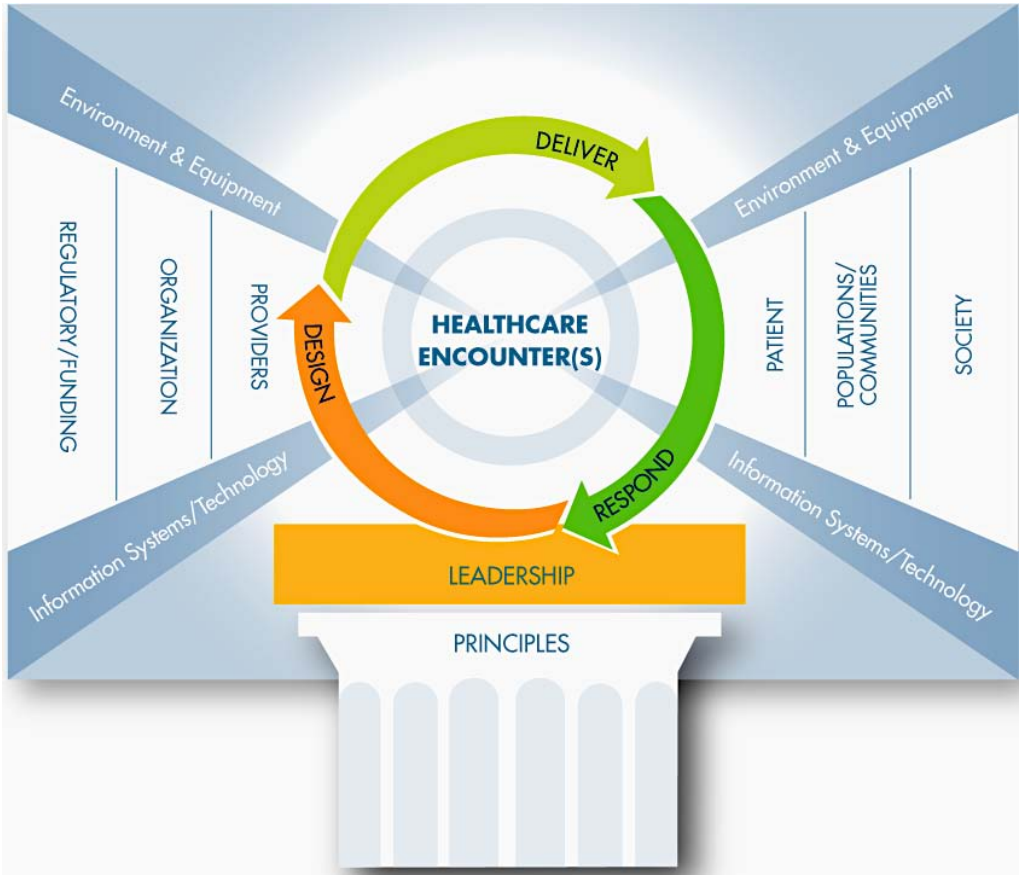

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Quality & Safety Education Framework (PSQM)

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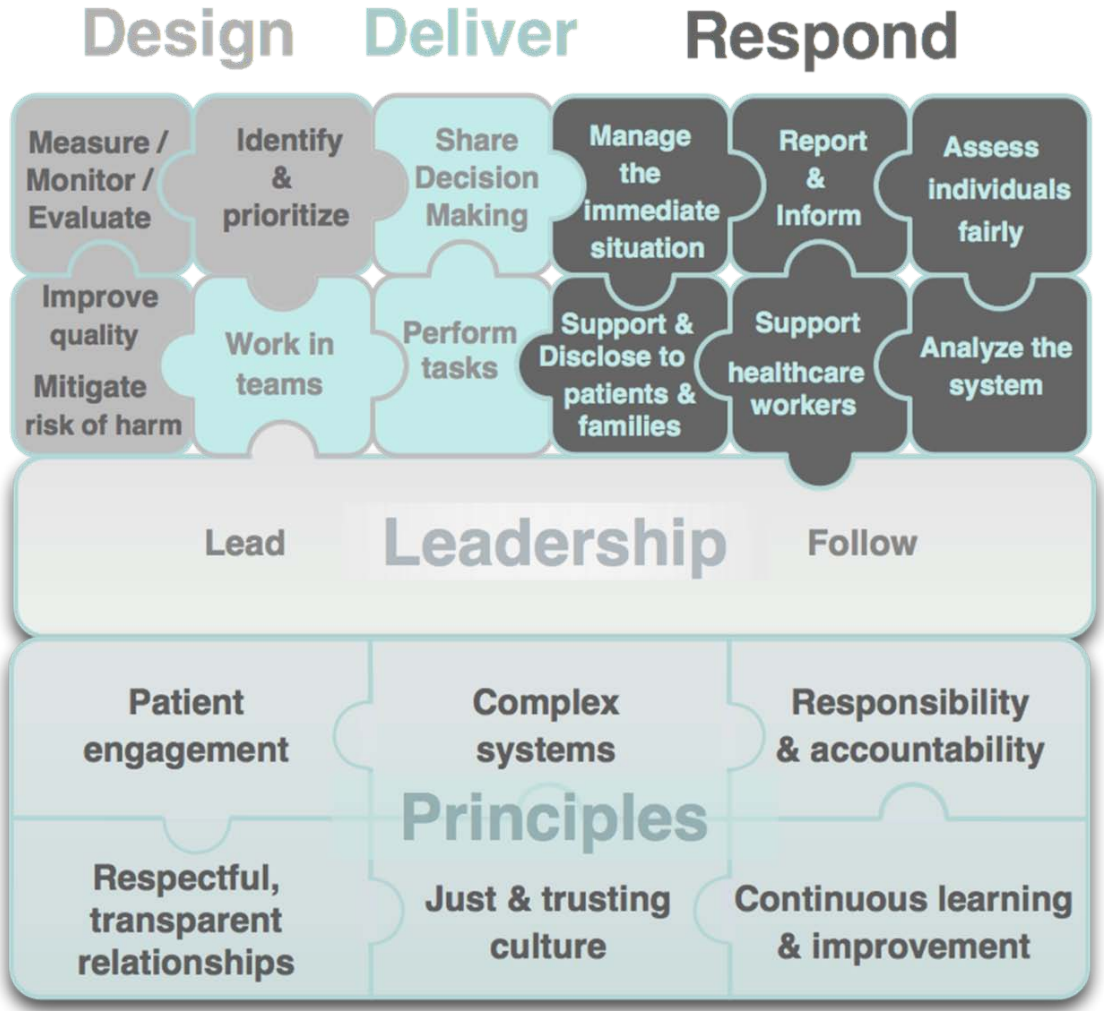

PSQM

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- **Certificate in Patient Safety & Quality Management**
- **Offered through**
  - **University of Calgary, Office of Continuing Education & Professional Development**
- **Sponsored by**
  - **HQCA & W21C**
  - **http://www.patientsafetycourse.ca/**
- **Next course: September 2016 – March 2017!**

PSQM

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- **Designed for healthcare professionals**
  - **to expand their working understanding of concepts in patient safety and quality management**
  - **to learn from experts in the field**
- **Participants eligible for continuing education credits**
  - **CFPC**
  - **RCPSC**
  - **CCHL**

CanMeds 2015 Safety & Quality Competencies

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CanMeds Role	Competency	Related HQCA Learning Topic
Medical Expert	**1.1** Recognize and respond to harm from healthcare delivery, including patient safety incidents	Respond (Manage the immediate situation, Report & inform, Assess individuals fairly, Support healthcare workers, Analyze the system, Support & disclose to patients and families) Respectful, transparent relationships
	1.2 Adopt strategies that promote patient safety and address human and systems factors	Analyze the system Improve quality - Mitigate risk of harm Complex systems Continuous learning & improvement Just & trusting culture
Communicator	**2.1** Disclose harmful patient safety incidents to patients and their families accurately and appropriately	Support & disclose to patients and families
Collaborator	**5.1** Determine when care should be transferred to another physician or health care professional	Work in teams Perform tasks
	5.2 Demonstrate safe handover of care, using both verbal and written communication, during a patient transition to a different healthcare professional, setting or stage of care	Work in teams Perform tasks
Leader	**6.1** Contribute to a culture that promotes patient safety	Work in teams Just & trusting culture Respectful, transparent relationships
	6.2 Analyze patient safety incidents to enhance systems of care	Analyze the system
Scholar	**8.1** Ensure patient safety is maintained when learners are involved	Work in teams Perform tasks
Professional	**9.1** Demonstrate a commitment to patient safety and quality improvement	Improve quality – Mitigate risk of harm Continuous learning & improvement

Opportunities

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- **Faculty training**
  - **Investigation / Safety Reviews**
    - **coursework**
    - **intensive mentoring**
    - **peer review of cases**
- **Fellowships / Mentoring**
  - **Safety, Quality & Human Factors**
    - **Bespoke model**

Other related work

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- **Royal College**
  - **Postgraduate Diploma Program for QI and PS**

- **CPSI Patient Safety Education Action Plan**
  - **HQCA co-leading**
    - **Patient Safety and Quality Improvement**
      - » **Curricula**
      - » **Content**
      - » **Design**
      - » **Delivery**

Thank you!

Questions?