

Challenges and Opportunities in Low-Resource Settings: Guideline Development, Adaptation, Implementation and Performance Measurement

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Overview

- GIN – Emergency Care Community
- GIN – IFEM Sepsis initiative

Disclosure of Interests (last 3 years)

Eddy Lang

I certify that, to the best of my knowledge, no aspect of my current personal or professional situation might reasonably be expected to affect significantly my views on the subject on which I am presenting, other than the following

GIN

IFEM

ILCOR (GRADE)

Canadian Society for International Health /
World Bank - Kazakhstan



Guidelines International Network

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Activities

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G-I-N Emergency Care Community

In 2007 Guidelines International Network (G-I-N), in partnership with the National Health and Medical Research Council of Australia established an online community to support collaboration across the field of international emergency care to improve the application of clinical guidelines.

BACKGROUND

The G-I-N Emergency Care Community was to support an online community to support collaboration across the field of international emergency care and improve the application of clinical guidelines.

The core objectives of the G-I-N Emergency Care Community are to:

- distill knowledge and recommendations from high quality clinical guidelines that can be contextualized in local settings
- undertake specific small-scale projects related to guideline appraisal, implementation, dissemination or usability.
- provide the membership with access to both clinical knowledge and expertise in guideline development and implementation



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EVENTS

I AM LOOKING FOR ...



“to promote at an international level
interchange, understanding and cooperation
among physicians practicing emergency
medicine”

Welcome to the International Federation for Emergency Medicine

A message from the President

It gives me great pleasure to welcome you to the IFEM website. Since this

Site Search

Member login

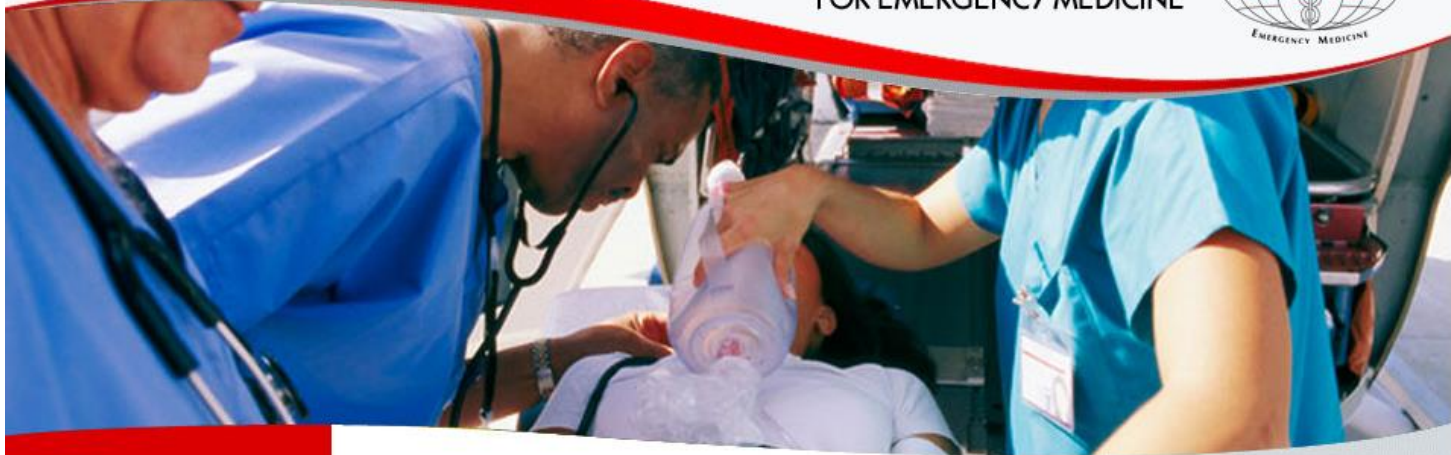
Username

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Latest news

> 2012 Paediatric Standards now
available in Chinese

> IFEM Meeting Schedule -
October 2012 Seattle



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Partnership with Guidelines International Network

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The International Federation for Emergency Medicine (IFEM) and Guidelines International Network (G-I-N) have formed a collaborative partnership which will seek to identify and prioritise guideline recommendations and evaluate the outcomes working with regional and global research networks.

The Guidelines International Network (G-I-N) mission is to lead, strengthen and support collaboration and work within the



Scottish Charity
No: SC 034047

Guidelines International Network (G-I-N)

G-I-N IFEM Partnership - Sepsis project

The Big Disconnect



Guidelines in low resource settings

- ❑ First world evidence
- ❑ Wrong context for development
- ❑ Limited attention to resources
- ❑ Limited attention to implementation
- ❑ Adaptation crucial
- ❑ Missing / wrong stakeholders





G-I-N IFEM Partnership



- August 2011 - Partnership ratified
 - IFEM represents 70 members organisations & over 50,000 physicians working in emergency or acute care settings
 - Projects managed through the G-I-N Emergency Care Community

- Objectives of the partnership
 - Undertake small pilot projects to:
 - identify guidelines and develop recommendations to meet EM and acute care needs
 - develop implementation plans with IFEM members groups to research outcomes

Identifying clinical priorities

- 50 IFEM Member organisations surveyed

- Results of the survey:
 - 28% response rate (14 organisations)
 - Broad representation across high, middle & low income regions
 - Five clinical areas prioritised including management:
 1. Sepsis
 2. Acute Coronary Syndrome
 3. Procedural Sedation
 4. Head Injury, and
 5. Pain Management



GSA

GLOBAL SEPSIS ALLIANCE



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World Sepsis Day



September 13th, the first World Sepsis Day received a great reception worldwide!

World Sepsis Day



[Click to learn more about World Sepsis Day!](#)

Why Sepsis?

- Sepsis affects over 26 million people worldwide each year. One third die
- It is the largest killer of children and newborn infants in the world
- Sepsis is increasing at an annual rate of 8-13%
- Effective treatments are accessible
- Require coordination and attention to system issues

Guidelines Used

Sepsis	<p>Surviving Sepsis Campaign (2012) www.survivesepsis.org/content.php?name=index.php</p> <p>Early goal directed therapy</p> <p>Surviving Sepsis Campaign GL's for severe sepsis and septic shock 2004</p> <p>Sepsis bundle</p>
Acute Coronary Syndrome	<p>AHA/ACC Guidelines for the management of patients with Unstable Angina/NSTEMI</p> <p>Sri Lanka Medical Association GL's (<i>but there are shortcomings beyond the doctors control</i>)</p> <p>NICE CG95, March 2010. guidance.nice.org.uk/CG95</p>
Procedural sedation	<p>SIGN (UK)</p> <p>Ketamine Sedation of Children in Emergency Departments, CEM best practice statement, 2009. Joint adult sedation guidelines currently being prepared by CEM and RCoA.2</p> <p>American College of Emergency Physicians, 2005</p>
Head Injury	<p>Canadian CT head rule</p> <p>Head injury Guidelines of the Western Cape (South Africa)</p> <p>ATLS - 2010 American Heart Association, Inc., European Resuscitation Council, and International Liaison Committee on Resuscitation.</p> <p>ATLS based - but modified by individual (Sri Lanka)</p>
Pain Management	<p>Irish Association Emergency Medicine</p> <p>For development by UK GEMNET during 2012</p>

Establishing the working group

- Invitations to participate in the working group
 - Representation from EC Community & IFEM members
 - Dublin meeting (ICEM conference) to discuss project aim & scope

- Work Plan
 - Develop a methodology that can be reproduced for other conditions that receive emergency care (Oct 2012)
 - method for extracting and comparing recommendations
 - developing / adapting endorsed or updated recommendations from source CPGs
 - resource considerations
 - Develop linkages with WHO & Global Sepsis Alliance
 - Promotion of project to the broader clinical community



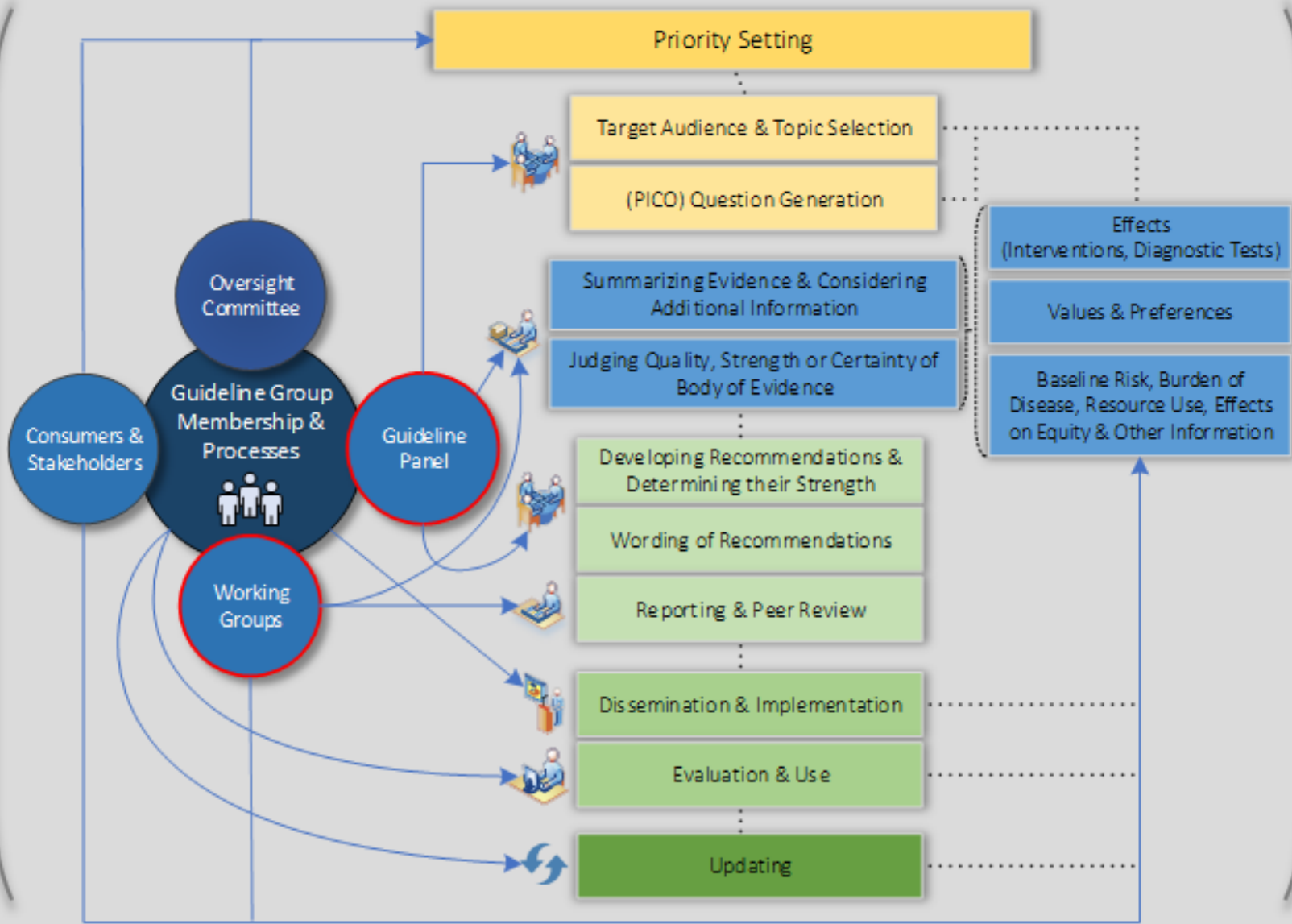
Challenges

- Momentum
- Resources
- Front-line engagement
- Local considerations

GRADE Group Checklist

1. Organization, Budget, Planning and Training
2. Priority Setting
3. Guideline Group Membership
4. Establishing Guideline Group Processes
5. Identifying Target Audience and Topic Selection
6. Consumer and Stakeholder Involvement
7. Conflict of Interest Considerations
8. (PICO) Question Generation
9. Considering Values and Preferences
10. Deciding what Evidence to Include and Searching for Evidence
11. Summarizing Evidence and Considering Additional Information
12. Judging Quality, Strength or Certainty of a Body of Evidence
13. Developing Recommendations and Determining their Strength
14. Wording of Recommendations and of Considerations of Implementation, Feasibility and Equity
15. Reporting and Peer Review
16. Dissemination and Implementation
17. Evaluation and Use
18. Updating

Conflict-of-Interest Considerations



Documenting Guideline Development Process & Decisions

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For more information



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