Medical Societies and G-I-N: A Win-Win Collaboration

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G-I-N Annual Conference
Chicago, August 26, 2010
Generic Reasons for Interest in Clinical Practice Guidelines

- Growing concern about variation of care
- Economic crisis in health care and focus on cost containment
- Professional organisations' interest: presenting the state of the art to colleagues, patients, policymakers
- Extra-professional interest: payers (governments, health insurers) and patients (consumer movement)
Number of Practice Guidelines and Publications on Guidelines in Pubmed
Definition of Guidelines

• “Clinical practice guidelines are systematically developed statements to assist practitioner and patient decisions about appropriate health care for specific clinical circumstances” (IOM, 1990)

• “A guideline is a document with recommendations to support healthcare professionals and consumers in quality improvement, based on scientific evidence, complemented with expertise and experience of healthcare professionals and consumers” (Brummen, 2010)
Evidence-based Guideline Development

Systematic reviews and meta-analyses
Randomised controlled trials
Cohort, case control studies
Uncontrolled studies
Expert opinion

Conclusion including Level of evidence

Considered judgement

Recommendation
(“evidence and experience”)

- clinical relevance
- patient safety
- patient preferences
- availability of services
- organisation of care
- impact on costs
- legal consequences

Quality assessment

Quality assessment

Quality assessment

Considered judgement

Conclusion including Level of evidence

Systematic reviews and meta-analyses

Randomised controlled trials

Cohort, case control studies

Uncontrolled studies

Expert opinion
The AGREE II Instrument

Six domains

- 23 items
- 7-point Likert Scale

Overall assessment

User guide

1. Scope & purpose (3)
2. Stakeholder involvement (3)
3. Rigour of development (8)
4. Clarity & presentation (3)
5. Applicability (4)
6. Editorial independence (2)
Factors for Success of CPGs

The success and failure of clinical practice guidelines depend on:

- Their quality and medical value
- Social, legal and ethical aspects involved
- Their implementation in daily practice
Key Points for Guideline Acceptance

*Clinical practice guidelines should:*

- Link recommendations with underlying evidence
- Deal with every day health care problems
- Help professionals in providing best medical practice at minimal expenses
- Give detailed description of best medical practice processes

Grol et al. 1998
Linking Guidelines with Tools for Implementation

Guideline

- Short Version
  - Key Information + Recommendations

- Long Version
  - Level 1 + Judgements + Evidence Tables

- Evidence Sources
  - (e.g., Cochrane, Pubmed, HTA, NGC, G-I-N)

Implementation

- Interactive CME
  - E-learning

- Patient Information
  - Key Information + Comments + Sources

- Quality Measures
  - Indicators + Review Criteria + Sources

www.versorgungsleitlinie.de
Reasons for Interest in Guideline Networking

Survey of guideline programmes:

- Concerns about guideline quality and effectiveness
- Similar goals and strategies worldwide
- Avoid duplication of effort and waste of resources

Burgers et al. 2003
The G-I-N Story

March 2001
The idea of an institutionalised Guideline Network is introduced in discussions within the AGREE Collaboration

November 2002
“AGREE” partners from 8 countries consent on a constitution for The Guidelines International Network

February 2003
G-I-N recognised as a Scottish Charity with 37 member organisations.

August 2010
G-I-N has a membership of 91 organisations and 70 individual members from 37 countries and an international guideline library on www.g-i-n.net containing more than 7000 guideline documents.
Aims and Objectives of G-I-N

- Quality improvement in healthcare by promoting systematic development of clinical practice guidelines and their application into practice, through supporting international collaboration
- International collaboration
  - To avoid duplication of effort and to support harmonisation
  - To facilitate information sharing, education, knowledge transfer
  - To improve coordination with other health care quality initiatives
- Information and training via annual conferences, international working groups, communities of interest, courses, and events
- Maintenance of www.g-i-n.net
  - > 7,000 guideline documents and language specific materials
  - Health topic selection
  - Development and training resources
Welcome to the new G-I-N Website

Dear Colleagues,

On behalf of the Board of Trustees, welcome to the G-I-N website.

Within these pages you will find a wealth of information about guidelines, the activities of our G-I-N members and our newsletter, the enGINE.

Following a really successful year in 2008/9, we have even higher expectations and plans for the coming years. If you would like to be involved in any aspect of our work, or have any suggestions or feedback, please feel free to contact me (chair@g-i-n.net).

Sara Twaddle, PhD, UK
Chair of the G-I-N Board 2009/2010

Come and meet with us at one of our next annual conference!

The 7th G-I-N Conference will take place in Chicago, Illinois, USA at the end of August 2010. The main theme of this year’s conference is: “Integrating Knowledge, Improving Outcomes.”

Plenary sessions will focus on: Implementation; Politics, Media and Guidelines; Conflicts of interests; Consumer engagement; Guidelines and cost-effectiveness.

Two pre-conference courses are scheduled on August 25th: ACCP methodology course and G-I-N PUBLIC course on patient and public involvement.

The full conference programme can be found here. The accepted abstracts have been published in a supplement to Otolaryngology - Head and Neck Surgery. They can be accessed here.

Registration still open.
G-I-N Membership Development

G-I-N Organizational Membership

- 2002: 30
- 2003: 40
- 2004: 50
- 2005: 60
- 2006: 70
- 2007: 80
- 2008: 90
- 2009: 100
- 2010: 110

www.g-i-n.net
Categories of Membership

- **Organisational membership**: for non-profit-distributing organisations involved in developing, disseminating, implementing, or evaluating clinical practice guidelines, or otherwise active in the field (100 web accesses)
- **Individual membership**: for individuals working in the field of clinical practice guidelines and to profit-distributing organisations (1 web access)
- **Health library membership**: for organisations that host an electronic health library for their region (unlimited web access)
- **Associate Membership**: for for-profit organisations active in the guideline field (10 web accesses)

(Only members get full access to the International Guideline Library)
The Benefits of G-I-N Membership

• Having access to the world's largest guideline database - G-I-N's International Guidelines Database - including tools for producing and implementing guidelines

• Working with international experts and participating in G-I-N Working Groups on topics designed to enhance guideline development and implementation

• Information about the news and action of G-I-N members' organisation through the G-I-N Newsletter (enGINe)

• A chance to meet guideline professionals from all over the world at the G-I-N Conferences and Workshop

• Mentoring and professional development opportunities
G-I-N Working Groups and Activities

- **G-I-N Evidence Tables Working Group**: aims to define a minimum data set that should be included in all evidence tables, allowing the creation of a database of evaluated studies.

- **G-I-N PUBLIC**: is a working group of researchers, health professionals and consumers who promote ways to inform and involve the public in clinical guideline activity around the world.

- **Implementation Working Group** (being established)

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

- **Allied Health Community** (being established)
Implementing Guidelines in the REAL World

What is a Community?
Groups of people who share a common concern/set of problems, or a passion about a topic, and who deepen their knowledge and expertise by interacting on an ongoing basis.

The G-I-N Communities
• Focused on development & implementation of guidelines
• A mechanism for information sharing
• An opportunity for collaborative work
• Agenda set by members
• No charge to join community
G-I-N’s Support to Organisations Developing their Guideline Programs

What kind of support?

• Building capacity – organisation of infrastructure, requirements for expertise, etc

• Training – tailored to individual needs, including EBM principles, methods, implementation strategies

• Mentoring – matching established guideline development groups with those new to the field, offering peer support and encouragement, staff and expertise exchanges
What Can the Societies Provide in Return to Assist G-I-N?

• Become a member of G-I-N
• Upload your guidelines, evidence reports, and educational tools to G-I-N’s guideline library
• Become active in working groups and board activities (and find support for nomination)
• Become a regular visitor of G-I-N conferences
• Contribute to enGIne, G-I-N’s Newsletter
• Continue networking with other healthcare quality initiatives (e.g. HTA, Cochrane, QI, Performance measurement) and talk about G-I-N
Future of Guideline Programs

- Active cooperation on national and international level
- Exchange of existing guideline development methods and implementation strategies
- Exchange of existing guidelines, reviews and evidence reports, evidence tables
- Support adaptation and jointly updating guidelines
- Determining gaps in knowledge and help setting clinical research agenda
- Collaboration in research and innovation
- Liaising with other international healthcare “evidence” and “quality” initiatives
Thank you!

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