Dr. Rolf Engelbrecht, München:

**ProGuide: Promotion of Protocols of Clinical Practice Guidelines**

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**Slide 1**

ProGuide
Promotion of Protocols and Guidelines of Clinical Practice
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**Slide 2**

Problems in health care
- Quality of care
- Administrative workload
- Communication
- Knowledge transfer

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**Slide 3**

Some barriers to research transfer
- difficulties in providing best evidence at the right place and time
- disagreement on how to apply evidence
- inadequate resources to act on best evidence
- inadequate support for practitioners and patients to use best evidence

*) B. Haynes, Evidence based health informatics using informatics principles and tools to harness research evidence for health care, MEDINFO '98, Seoul

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**Slide 4**

The Slippery Slope
knowledge of current best care
years since graduation

*) B. Haynes, Evidence based health informatics using informatics principles and tools to harness research evidence for health care, MEDINFO '98, Seoul

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**Slide 5**

Goals of ProGuide
- Establish an information service for
  - implementing computer-based guidelines
  - cost-efficient health care at better quality
- Establish a network between
  - users
  - health care authorities
  - medical professionals’ organisations
  - developers of telematic products

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**Slide 6**

ProGuide focusses on
- clinical guidelines.
- evidence-based guidelines
- organisations, institutions, associations of health care delivery organisations, health care financing organisations
- guidelines centred on physicians
ProGuide - Partners

- GSF-MEDIS, Munich
- CNR, Rome
- Campus Biomedico, Rome
- Consorzio di Bioingegneria e Informatica Medica, Pavia
- Imperial Cancer Research Fund (ICRF), London
- Institut Bergonie, Bordeaux
- Erasmus University Rotterdam, Dept of Medical Informatics
- AWMF, Düsseldorf
- ÄZQ Cologne
- IOS Press, Amsterdam
- HOS (Health Online Service) multimedica, Berlin

Expected results

- State of the art report on guideline development, dissemination and implementation of guidelines
- Scenarios describing processes in different environments for development, dissemination and implementation of guidelines
- WWW-server for distributing results integrated into online services for physicians and developers

Characteristics I

- Users involved
  - users of guidelines
  - health care agencies
  - developers of guidelines
  - developers of telematic products
  - publishers
  - online service providers

Characteristics II

- Technologies / approach used
  - State of the art in development and implementation of guidelines
  - Communication via
    - Publications
    - Internet
    - Online services

Characteristics III

- Expected benefits for the citizens
  - Health care delivery with current professional knowledge
  - Its provision less costly

Characteristics IV

- Expected benefits for the users
  - Guidelines
    - development
    - implementation
  - access
    - effectively and
    - efficiently

Information entities of the demonstrator

- information concerning existing guidelines
- Organisations in implementation or quality assurance activities of computer-based guidelines (CBGs)
- Experiences with the implementation of CBGs
- Links to relevant projects in the field
- Evaluation studies of CBGs
- Forum for discussion on guidelines and other relevant topics

Current work (workpackage I)

- Description of projects in the field of guideline development
- Bibliography of guideline development and implementation
- Inventory of
  - published guidelines and their use
  - professional, legal and financing bodies in the Europe engaged in guideline development and implementation

Used Methods

- Survey by questionnaire
- Literature search

Questionnaire structure

- Overview of guideline development, dissemination and implementation at the national level
290 participants
20 countries
- Collecting information from related projects
  - Prompt
  - Ecole-Grip
  - Prestige
  - T-IDDM

- Financing of guideline development
- how are clinical practice guidelines disseminated?
- Quality assurance of clinical practice guidelines
- Financial and legal implications of compliance with guidelines
- Implementation of guidelines
- Exploration of requirements for clinical practice guidelines
- Internet server
- additional person or institution?

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**Phases of the project - Workpackages II**

- WP Scenarios: Development of nation-specific scenarios of how to institutionalise the implementation of guidelines for
  - adaptation of guidelines from international to national and national to regional level,
  - maintenance of guidelines,
  - legitimisation of guidelines,
  - financing schemes for development, implementation, and quality assurance of guidelines, and
  - educational initiatives to attract attention to guidelines.

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**Phases of the project - Workpackages III**

- WP 3: Validation of Scenarios
  - assessing the feasibility according to the stated goals of the scenarios and
  - to identify strong and weak points as well as required modification of the scenarios.

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**Phases of the project - Workpackages IV**

- WP Dissemination of results: Guidelines online
  - The results of this program support action will be made available by
    - publishing results,
    - providing on-line access to the results and establishing a forum for discussion
    - integration of ProGuide results into existing on-line services

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**Future Plans and Chances**

- Evaluation of results
- Getting more people involved
- 5th Framework
- Extension in functionality
- Extension as routine service

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**Validation**

- The validation will concern
  - its usefulness as an assistant in diagnosis and treatment
  - its useability
  - the completeness and relevance of information;
  - inter-operability;
  - the communication benefit of the information availability, quality and timeliness;
  - its acceptance by the user.

The development is planned to take place at one place mostly between 2 partners. The other partners will act as external evaluators.

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Link to ProGuide