

PUBLIC SPEAKING

InGPinQI Project

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**Innovative lifelong learning of
European General Physicians
in Quality Improvement
supported by information
technology**

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inGPinQI PROJECT

CONTENT

1. Brief information about the project
2. Background
3. Aims
4. Foreseen outcomes
5. Expected results
6. Work plan
7. Summary

inGPinQI PROJECT in brief (1)

- **Competition:** Leonardo da Vinci Programme: Transfer of Innovation. Call for proposal 2010
- **Budget: 367.250 EUR (total)**
 - LdV grant: 274.980 EUR
 - Partners' own funds: 92.270 EUR
- **Duration:** 24 months (01st January 2011 – 31st December 2012)

inGPinQI PROJECT in brief (2)

Partnership Consortium:

- 6 Partners from 5 countries: PL, CZ, DK, NL, SI.
 - ✓ P0 – Health & Management (project coordinator)
 - ✓ P1 – The College of Family Physicians in Poland
 - ✓ P2 – EQuIP
 - ✓ P3 – ZRDM (Institute for development of Family medicine)
 - ✓ P4 – Maastricht University (Department of International Health)
 - ✓ P5 – Project HOPE Czech Republic
- All partners have a wide practical and theoretical experience in teaching and QI themes.
- A various character of partners (universities, associations, SME, international organizations).

Background

General practitioners/family doctors (GP/FD) should be well prepared throughout their career to provide high quality primary medical care. However, in Central and Eastern Europe primary care quality improvement (QI) is a new development where the QI projects are rather rarely undertaken. This is also a problem in other EU countries. The appropriately planned education activities, are then highly desirable.

In order to accelerate the speed of adoption of QI and to avoid the repetition of mistakes, GPs from different parts of Europe should be supported by appropriate teaching programmes (at LLL level) in that field, that help them in studying of examples of good practice in their fellow countries and adapting it in their everyday practice.

Aims (1)

The general purpose of this *InGPinQI* project is to improve the existing training programs for both, GP/FD and teachers in family medicine (FM) in the field of QI by implementing new innovative didactic tools and methods in existing educational systems in Europe supported by Information/Internet Technology.

(1) a VET program on QI will be devoted to the teachers of FM

(2) A distance learning module will be designed for GPs helps them improve their competencies profile in that field

Aims (2)

The project we will focus on the clinical aspects of the QI process, especially on the area of cardiovascular diseases (CVDs), e.g. :

- (1) *arterial hypertension* and
- (2) *diabetes mellitus*.

Reason of that choice:

- hypertension and diabetes mellitus appear as the most important problems of public health in Europe
- a necessity of meeting the current basic problems in PHC in order to support family doctors in their everyday practice,
- frequent and handled in general practice with a huge and well documented room for improvement in clinical handling.

The project will also cover European aspects of health care and public health, which are crucial for the national health care systems operating in the new „joint” Europe without frontiers.

Foreseen outcomes

- development of both: GPs' and trainers' occupational qualifications,
- improvement of quality and attractiveness of their training system,
- increase the number participants attending the LLL medical education,
- improvement of GPs' experience, knowledge, skills in the field of conducting and incorporating of projects on QI in in the everyday clinical setting,
- the improved health care provided.

Expected results

- (1) **GuideBook** containing guidelines on effective development and implementation of QI programmes on EU level,
- (2) **new guidelines** for the management of: arterial hypertension and diabetes mellitus,
- (3) innovative **VET program** for FM teachers,
- (4) **distance-learning module** for GPs on QI,
- (5) **Internet tool** to identify individual, educational needs of GP/FDs in QI.

The project will not only lead to broaden the offer of their educational process, but also to its quality and attractiveness improvement. It will provide GPs with opportunities for vocational advancement and enable developing of common, European frame of reference for GPs' occupational competencies. A new Internet tool measuring the gaps between the acquired and required competencies will be a basis for development of a new curriculum for GPs and FM teachers in QI field tailored to the real „market“ needs.

Work Plan

The framework of European curriculum of QI training programme for GP/FD and analysis of required competencies in the field of QI will be conducted. All the training materials and courses developed in the project will be based on the data of the identified gaps in the educational systems and required competencies. A joint pilot VET course will be conducted, whereas the final version will be adapted to the adequate conditions in the participating countries.

WP 1 – Analysis of the existing training programs in the field of QI in FM

WP 2 – Mapping of successfully implemented QI projects concerning CVD aspects in GPs' practice in Europe

WP 3 – Transfer of a SAQ tool assisting in the process of improving the professional competencies of GPs in the field of QI

WP 4 – Development of the Guide Book

WP 5 – Design and testing of vocational training (VET) for teachers in FM

WP 6 – Development and testing of the Internet course dedicated to QI

WP 7 – Development of new guidelines for the management of: arterial hypertension and diabetes mellitus

WP 8 – Evaluation strategies

WP 9 – Disseminations and exploitations

WP 10 - Management

WP 1

Analysis of the existing training programs in the field of QI in FM

Aims:

Gathering and summarizing existing theoretical knowledge and best practices in QI education systems in FM, in participating and particular selected countries:

- ❑ Mapping of existing training programs in the field of QI in FM at the lifelong learning level across Europe.
- ❑ Comparison of the scope and content of this QI-programs (methods and tools) in those countries.



to develop a proposal of European curriculum in QI which will be used in developing of VET program for teachers in FM, as well as in developing of a distance learning course for GPs

Leader: the College of Family Physicians in Poland

Results: report on existing programs in QI in FM

WP 2

Mapping of successfully implemented QI projects concerning CVD aspects in GPs' practice in Europe

Aims:

A description of quality projects undertaken in general practice, presentation of the best examples with analysis of its success factors that can help in informing GPs about valuable developments.

The indirect aim from this WP is the improvement of knowledge of GP in the field of Quality Improvement activities related to CVD in family medicine.



On the basis of this WP the list of the best practice in Quality Improvement recommended as the model initiatives will be prepared and presented in the Guide Book

Leader: EQuIP

Results: report on successfully implemented project in QI in FM

WP 3

Transfer of a SAQ tool assisting in the process of improving the professional competencies of GPs in the field of QI

Aims:

Conducting a supply and demand study of lifelong learning for GPs in the area of QI in general practice.

An innovative tool for measuring required competencies and educational needs of lifelong learning for general practitioners in the area of QI in primary health care through the Internet will be developed.



On the basis of this WP a valuable VET program for GPs' tutors, as well as a distance learning program addressed to GPs will be developed

Leader: Maastricht University

Results:

- (1) report on educational needs and required competencies of GPs' in the field of QI
- (2) tool and methodology for identifying the gap in the required competencies

The methodology will be transferred from LdV project PL "Improvement of Employment of Public Health Graduated" (2000-2002, No. PL/00/B/F/PP/140 155)

WP 4

Development of the GuideBook

Aims:

Preparation of the GuideBook with methodology and description of the best practices of QI in primary health care with particular emphasis on: (1) arterial hypertension and (2) diabetes mellitus.



GuideBook can be incorporated to the formal training programmes existing in the participating countries. It will support both GPs and teachers in family medicine by providing information on:

- general rules, methodology and tools useful for QI in GPs' settings
- list of the recommended best practices and QI projects

Leader: Health and Management

Results:

(1) Guide Book including presentations of good practice in QI area

WP 5

Development and testing of the VET Program for FM teachers

Aims:

Design of vocational training (VET) for teachers in family medicine with the articulation of contents, timetable, methodology, modality of execution (The International School of Tutors of Family Physicians – VET program).



The program of the course will be based on content of Guide Book and will concentrate on delivering of practical skills how to prepare and implement in practice QI projects. During QI course educators (FM teachers) will be advised to train residents using clinical practice guidelines. New topics will be introduced, e.g. how to choose a guideline, when to apply it, to whom, and importantly, when its use would be inappropriate and so on.

Leader: ZRDM

Results:

- (1) VET course for FM teachers
- (2) Learning materials for training course in the field of quality improvement for teachers in FM

A pilot VET course will be tested in Czech Republic (approx. 20 participants from partners countries) in June/July 2012

WP 6

Development and testing of the Internet course dedicated to QI in family practice

Aims:

The module dedicated to QI will be developed and added to the existing training course placed on the PROCUS on-line platform. Internet module will include selected outcomes of other WPs achieved in our project (e.g. from WP 1, 2, 4 and 5).



A distance-learning QI course will concern organizational and medical aspects of QI in FM (cardiovascular diseases: arterial hypertension, coronary heart diseases, dyslipidemia, diabetes mellitus) and will have modular design and will focus on practical activities, as well. It will be placed on:

1. the existing PROCUS – on line program (www.docedu.klrwp.pl),
2. the website of the Project Consortium, KLRwP, and the websites of other Colleges of GPs from the participating countries (where possible).

Leader: Project HOPE Czech Republic

Results:

(1) Preparation of a special software for a distance learning module, and its content as well.

The methodology will be transferred from LdV project PL 02/B/F/PP 140056 "Towards development of the European Network of Postgraduate and Continuous Education of Family Physicians"

WP 7

Development of new guidelines for the management of: (1) arterial hypertension and (2) diabetes mellitus

Aims:

New guidelines for the management of: (1) arterial hypertension and (2) diabetes mellitus will be developed and distributed among GPs and institution operating in the field of family medicine in Poland.



Such guidelines are a valuable tool used as one of the possible and very efficient teaching method. In our project it will also play a supporting role in the process of LLL education of GPs in the field of QI (in vocational trainings). They will help FM teachers to reduce complex clinical questions to simple rules for diagnosis and treatment that trainees can learn and apply. During QI course educators will be advised to train residents using clinical practice guidelines.

Leader: KLRwP

Results:

- (1) New guideline for the management of arterial hypertension: a Polish perspective
- (2) New guideline for the management of arterial hypertension: a Polish perspective

A Delphi method will be used

WP 8

Evaluation strategies for management and project's outputs

Aims:

The aim of the WP is to guarantee the scientific and technical quality as well as the administrative correctness. Another aim will be to guarantee an efficient organization of the work, especially of communicative aspects among consortium partners and the coordinator. The control will be achieved by standardized forms for periodical reporting.



In general, there will be both: process and output/outcome evaluation efforts.

Leader: Maastricht University

Results:

- (1) Questionnaires to measure quality criteria
- (2) Interim evaluation report
- (3) Final evaluation report

WP 9

Dissemination and Exploitation Strategy

Aims:

Dissemination and Exploitation Strategy will be developed in order to diffuse of the project idea and its results and mainstreaming as well.



During the project the project partners will ensure popularizing of both the project ideas and its products at two levels:

- 1) national
- 2) international

Duration: 24 months

Leader: EQuIP

Results:

- (1) Final Dissemination report
- (2) Website of the project
- (3) National final workshops
- (4) Dissemination activities e.g. oral presentation during national and international conferences, posters, etc., publications, articles, etc.

WP 10

Management of the project

Aims:

To coordinate, manage and facilitate the rendering of the planned activities according to the contract and administrative handbook and regulations, which have to be observed in partner institutions (national regulations) as well as assure that all partners perform their duties.



Project Coordinator (ZiZ) will use the open coordination method – allowing for the involvement of other partners in the decision making process as well as seeing to the needs of the beneficiaries of the project.

The bodies governing the project will be:

1. Project Manager,
2. Project Financial-Administrative Manager,
3. WP Leader and WP Co-Leader

Duration: 24 months

Leader: ZiZ

Results:

- (1) Detailed workplan
- (2) Interim Report
- (3) Final Report
- (4) 6 Partners Meetings
(1st in PL, 2nd in NL, 3rd in PL, 4th in SL, 5th in CZ, 6th in DK)

Work Plan

Work Packages	Project Results
WP 1 – Analysis of the existing training programs in QI	Report on the existing training programmes, methods and tools in the field of QI
WP 2 – Mapping of successfully implemented QI projects in GPs’ practice	Report on the successfully implemented QI projects concerning CVD aspects in GPs’ practice in Europe
WP 3 – Transfer of a tool measuring educational needs through the Internet	(1) Internet tool to identify individual, educational needs of GPs in QI (2) Report with description of educational needs and required competences of GPs' in the field of QI across partners countries
WP 4 – Development of the Guide Book	GuideBook containing guidelines on effective development and implementation of QI programmes on EU level
WP 5 – Design and testing of vocational training (VET) for teachers in FM	(1) Materials for a VET testing course (2) Innovative VET program for FM teachers (3) Learning materials for training course in the field of QI for teachers
WP 6 – Development and testing of the Internet course dedicated to QI	Distance-learning module for GPs on QI
WP 7 – Development of new guidelines for the management of: arterial hypertension and diabetes mellitus – Polish perspective	(1) New guideline for the management of arterial hypertension (2) New guideline for the management of diabetes mellitus
WP 8 – Evaluation strategies	(1) Questionnaires to measure quality criteria of the project (2) Evaluation report , etc.
WP 9 – Disseminations and exploitations strategies	(1) Website of the project (2) National workshops , other dissemination activities, etc.
WP 10 – Management	Monitoring, managing during the entire life of the <i>inGPinQI</i> project

Conclusion

The InGPinQI project will influence national VET systems in the partner countries for GP/FD. This - by the developing teachers knowledge and skills, changing teachers' and trainees' approach to QI and providing resources for education, can be obtained. The above presented project is expected to be an important step that can influence on the health outcomes of primary care.

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Thank You for attention