



Health and Social Services

Product specification

WP 3B

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Participating partners:
Bodö Norway
Faroe Island



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Health and Social Services



Elderly want to be independent and live in their own homes as long as possible. Current research (Sahlén, 2009) shows that repeated preventive home visits to elderly, made from staff with social and medical competence, make them experience a better health and reduce the visits at the health care centre.

Many elderly have problem to remember to take their medication at the right time and in the right dose, many hospital visits could be avoided if the medication was taken correctly. The right aid for medication can help them to manage the medication by themselves. In this project we are going to try new technology about medication.

Transnational products are:

- A template for how preventive home visits can be managed
- Electronic medicine dosett, Careosuel, with message function
- Education concept for staffs in the home help care services

Preventive home visits

Luleå and Bodö are both making preventive home visits to elderly. In Bodö it is the nurses at the health centre for elderly and in Luleå the unit manager for the staffs in the home help care services who makes the visits. The visits in Bodö and Luleå are not made exactly same way but there are many similarities. The target group is elderly who will be eighty years the actual year. The elderly receive a letter with an offer of a visit and in Luleå they get a phone call after a week and a time is set up. During the visit a question template/questionnaire is used, risk assessment is made and a pamphlet with information material is left to them. The idea we have is that the visits should be repeated for the best result that is based on actual research in the area. The work in Luleå is a model for cooperation between the County Council and the municipality about the visits.

Transnational product

A template for how preventive home visits can be managed in purpose to protect health among elderly and to make it able for them to live in their own homes as long as they like. Following issues will be presented; purpose, objectives, method, documentation, information and organisation for the home visits. The template will refer to actual research in the area.

- The template will be presented in a brochure

Implementation

The preventive home visit – the first visit - is implemented in both Luleå and Bodö. The second visit is planned to be ready 2010-12-31. Implementation of repeated visits needs decisions from leaders in the municipality.

Safe medication

Careosuel

Pharmacell has developed the Careosuel dosett with a message function that can help elderly to remember their medication. The dosett has to be filled by a nurse or a relative and is programmed from a website to signal when its time for the medication. The dosett can be locked so you can't take the medicine at the wrong time. You can choose how many times the dosett shall signal before it sends an message to a mobile phone or mail if the dose is not taken. We are going to try the Careosuel during the project time and then evaluate the benefits.

The target group are elderly who need help to be reminded when it is time for the medication, who want to be independent and manage the medication by themselves. The responsibility to fill the dosett is on the district nurse or a relative. The message – if the dose is not taken can be received by staffs or a relative.

The cost to buy a Careosuledosett with GSM-function is about 3200 Swedish crowns. In England they have an ongoing project with the Careosuel dosett without GSM-function. A good practice study has been done among the first ten people who have finished the six-month pilot period. There was a measurable decrease in GP visits, ambulance call outs, in-patient stays due to medication errors, domiciliary packages and respite care. The total finance impact was a decrease in service costs of £39.000. This represents a return on investment of £19.50 per £1 invested.

Transnational product

A description of the product, objectives and technical function, achieved benefits, cost effectiveness and how it can be used in elderly care.

- We plan to present this in a memo-stick maybe with a short film about the function.

Implementation

The test of the dosett will start during October 2010 and the plan is that five dosetts each country is in use 2010-12-31. Evaluation of the result will be done in March-April 2011. This product will probably not be implemented during the project time but if the results are positive, as we expect, we can propose the solution to the decision makers. The distribution of the dosett depends on which head principal is going to finance and take responsibility for it; it can differ between the countries.

Education concept

One of the national works in Luleå is a base concept for recurrent education about elderly and medication. The target group are the staffs in the home help care services that helps elderly with their medication. The purpose is to increase their knowledge about medication to achieve the goal of safe medication among the elderly. A pharmacist from Apoteket Pharmaci is engaged for education. In Bodö they have recurrent education in this area every year.

National /Transnational product

The product is an education concept for staffs in the home help care services that can be used both local and transnational.

- The concept is planned to be presented in a brochure.

Implementation

The education concept is probably not going to be implemented in Luleå during the project time but if the concept has benefits in elderly care it will be proposed to the decision-makers for implementation. Due to OLE 2 the education is going to be held to staffs in one home help care area in November 2010. Recurrent education for staffs in home help care service is implemented in Bodö.

Safe medication Faroe Islands

The national work in Faroe Island is to develop multi-dose (dose-packed medicine). The goal is to get as many customers as possible that can benefit from multi-dose. Closer cooperation between the different professional groups should be developed, that is between the pharmacy and doctors and nurses in primary and in secondary health care. Thereby ensuring safe medication and avoid inappropriate use by customers.

National product

- Developed multi-dose and a common IT system for communication between the doctors and the pharmacy. This work will probably not be completed during the project time.

Implementation

The development of multi-dose is going on continuously, due to OLE 2 the work is proceeding faster than expected.

Safe medication, Bodö, Norway

The other national work in Bodö about safe medication is the development of multi-dose in the home help care area.

National product

- Multi-dose in the home help care areas.

Implementation

Multi-dose is implemented in one home help care area. The plan is to implement multi-dose in one more home help care area to be ready 2010-12-31. Decision is needed from the politicians to continue the work, due to the costs.

Cooperation between the levels in the care chain, Bodö, Norway

The national work is the developed cooperation between the hospital and the home help care in the municipality. The information, the knowledge and the communication between the levels must be improved for the best treatment

National product

- The product is a mutual agreement between the hospital and the municipality about routines for information and study visits.

Implementation

This work will be implemented in Bodö in March 2011.

Safe medication, Luleå, Sweden

The other national work in Luleå about safe medication is information about aid and medication to elderly. The purpose is to increase the knowledge about what service the pharmacy can offer and to protect wrong medication.

National product

- The product is recurrent information about aid and medication to the elderly held during the seniorweek.

Implementation

Information from the pharmacy, the eye clinic and the auditory centre about what services they can offer during the senior week in October 2010. This product /information theme will be proposed to the organizer of the senior week to be held every year.