

eLearning environment for ensuring the competence in pharmacotherapy

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Safe pharmacotherapy guideline

Finnish Ministry of Social Affairs and Health (2005)

The purpose of guideline is to

- harmonize the principles for the provision of pharmacotherapy
- clarify the division of responsibilities
- define the minimum requirements in all units providing pharmacotherapy.

The family of eLearning courses

- 1) The Basics of Pharmacotherapy
- 2) Intravenous Medication
- 3) Epidural Medication
- 4) Drug Therapy for Mental Disorders
- 5) Paediatric Medication
- 6) Geriatric Medication
- 7) Medication in Acute Care
- 8) Cytostatic Medication



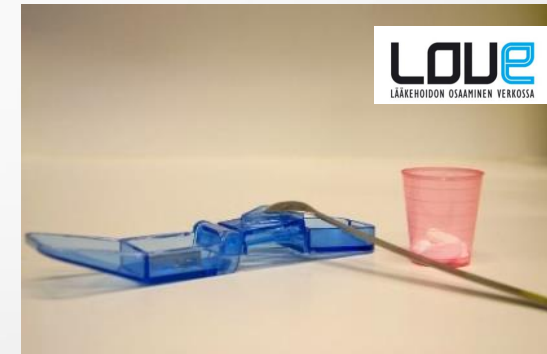
The Basics of Pharmacotherapy

I. **Basics of drug therapy:** e.g. legislation, professional responsibilities and drug calculations

II. **Implementation of drug therapy:**
e.g. the delivery of drugs and monitoring of the effectiveness

III. **Treatment of specific situations:** e.g. the use of high alert medication and the treatment of anaphylaxis

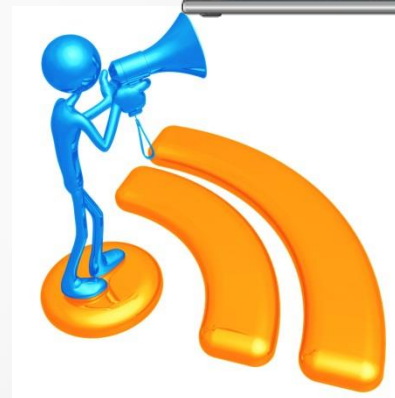
Exams: 1) Theory of pharmacotherapy
2) Drug calculations



Processing new courses



Authors, writing



Publication



Management
team

Testing
the course





Modular Object-Oriented Dynamic Learning Environment

- Free software e-learning platform
- Can be used in many types of environments
- Moodle 2.6 translated into 80 languages

Philosophy based on social constructionist approach

- Learners can contribute to the educational experience

Flexible environment

- Lectures, multimedia, exercises, exams etc.
- Easy to create a course and easy to use

License to medicate

Documentation

eLearning and exam




Work orientation

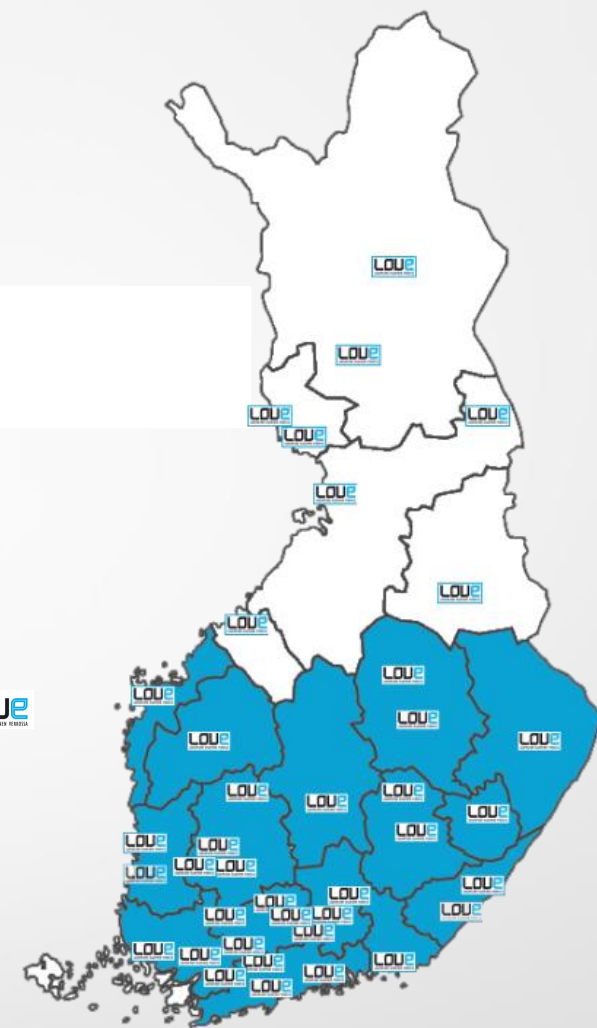
Practical test

Oral examination

Outcomes

Harmonized processes

- 15 hospital districts 
 - 17 municipalities or joint councils
 - Tens of private service providers
-
- Studies on the effectiveness in progress



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