

Course Unit	Care Delivery and Pharmacotherapeutic follow-up	Field of study	Pharmacy
	Counseling and Information on Pharmacy	School	School of Health
Academic Year	2014/2015	Year of study	1
Type	Semestral	Semester	2
Workload (hours)	162	Contact hours	T - TP 45 PL - TC - S - E - OT - O -
		Level	ECTS credits 6.0
		Code	3238-493-1204-00-14

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) Olívia Rodrigues Pereira

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. Know and understand the programs of care in Pharmacy;
2. Identifying the skills of each player in the program of care;
3. Know the specific risk groups within each disease / program;
4. Assess the impact of these programs;
5. Develop programs Dader targeting certain groups of chronically ill and in specific clinical situations;
6. Develop strategies to promote adherence to therapy.

### Prerequisites

Not applicable

### Course contents

The role of community pharmacy and hospital pharmacy; Pharmaceutical Services and care in pharmacy; Tracking pharmacotherapeutic; Pharmaceutical intervention in obese patients, diabetic, asthma, chronic obstructive pulmonary disease, allergic rhinitis, hypertension, with dyslipidemia, chronic pain and acute pain, with major depression.

### Course contents (extended version)

1. Stakeholders in health systems. The role of community pharmacy and hospital pharmacy.
2. Pharmaceutical Services: Portuguese legislation.
3. Care in pharmacy.
  - Information flow;
  - Some care in pharmacy and pharmaceutical intervention
  - BMI, waist circumference, blood pressure. Glucose, cholesterol, triglycerides
4. Pharmacotherapeutic Follow
  - Concepts of PRM and MRI
  - Planning a Dader
  - The Dader methodology
  - Exploration of the different phases Dader and pharmaceutical intervention
5. Pharmaceutical intervention in obese patients
6. Pharmacotherapy follow-up in the diabetic patient
  - Review of the main pharmacological and nonpharmacological interventions in diabetic patients
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention
7. Pharmacotherapy follow-up in the asthmatic patient
  - Review of the main pharmacological and nonpharmacological interventions in asthmatic patients
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention
8. Pharmacotherapy follow-up in the chronic obstructive pulmonary disease patients
  - Review of the main pharmacological and nonpharmacological interventions
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention
9. Pharmacotherapy follow-up in the allergic rhinitis patients
  - Review of the main pharmacological and nonpharmacological interventions
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention
10. Pharmacotherapy follow-up in the hypertensive patients
  - Review of the main pharmacological and nonpharmacological interventions
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention
11. Pharmacotherapy follow-up in patients with dyslipidaemia
  - Review of the main pharmacological and nonpharmacological interventions
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention
12. Pharmacotherapy follow-up in patients with chronic pain; pharmaceutical intervention in acute pain
  - Review of the main pharmacological and nonpharmacological interventions
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention
13. Pharmacotherapy follow-up in patients with major depression
  - Review of the main pharmacological and nonpharmacological interventions
  - Standards guiding therapy and treatment algorithms
  - Evaluation of possible negative outcomes associated with medication and pharmaceutical intervention

### Recommended reading

1. Hernández, D.S.; Castro, M.M.S.; Dader, M.J.F. (2010). Método Dader - Manual de Seguimento Farmacoterapêutico, 3ª Edição. Lisboa, Edições Universitárias Lusófonas
2. Associação Nacional de Farmácias (2008). Guia Prático Check Saúde Risco Cardiovascular, 2ª Edição, Associação Nacional de Farmácias
3. Caramona, M. et al (2011). Normas de Orientação Terapêutica, Ordem do Farmacêuticos
4. Murillo, M.D.; Fernandes-Llimós, F.; Valls, L.T. Guia de Seguimento Farmacoterapêutico sobre Diabetes
5. Aldredge, B.K. at al(2012). Koda-Kimble & Young's Applied Therapeutics: The Clinical Use of Drugs, Tenth Edition, Lippincott Williams Wilkins

**Teaching and learning methods**

Theoretical classes: masterly exposition of the contents of this program encouraging students to interact and discuss the topics discussed. Theoretical-classes: solving case studies and case studies, development programs and protocols of care and Dader major.

**Assessment methods**

- Final Test - (Regular, Student Worker) (Final, Supplementary, Special)
- Final Written Exam - 100%

**Language of instruction**

1. Portuguese
2. Portuguese, with additional English support for foreign students.

**Electronic validation**

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08-01-2015	08-01-2015	09-01-2015