UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Case Based Learning and General Clinical Practice

2526-2-H4102D054

Aims

1 Aims

General Aims
The objectives of the course are to involve students in an early clinical activity designed to understand how to interact professionally with patients, starting from the most common clinical cases, experiencing a holistic approach to the patient and the diseases. Furthermore, to learn the principles of clinical reasoning and to acquire the basics of the professionalism, of patient-centred medicine and of clinical responsibility.

The course chiefly aims to contribute to reach the following “Level 1 outcomes” and aspects of professionalism described in the “Tuning project (Medicine)”

Graduates in medicine will have the ability to:
• carry out a face to face and telephone consultation with a patient
• assess clinical presentations, order investigations, make differential diagnoses, and negotiate a management plan
• communicate effectively in a medical context
• assess psychological and social aspects of a patient's illness
• apply the principles, skills and knowledge of evidence-based medicine
• promote health, engage with population health issues and work effectively in a health care system
• capacity to deal with uncertainty and adapt to new situations

Furthermore, the course aims to reach the main objectives of the School of Medicine and Surgery of UNIMIB:
• multidisciplinary and interprofessional education
• integration of knowledge and skills
• open-mindedness
• scientific and critical thinking
• caring attitude
• holistic approach to health care needs

• group collaboration
• team learning

Learning outcomes
Knowledge and understanding
At the end of the course the student is expected to know:

1. Context and characteristics of general practice and primary care
2. Core competences of general practitioner as described in the WONCA definition of general practice/family medicine
3. Structure of the consultation
4. Objectives that the doctor has to reach in the consultation
5. Main principles of clinical reasoning in primary setting
6. How a GP evaluates and manages emergency
7. How a GP evaluates and manages a patient with an acute disease
8. How a GP evaluates and manages a patient with a chronic disease (e.g. diabetic patient, COPD patient)
9. How a GP evaluates and manages a complex patient (e.g. multimorbid, elderly patient, terminally ill patient)
10. How a GP delivers care in COVID19 era
11. How GP draws up a certificate, a prescription or other formal documents
12. Epidemiology of primary care
13. How a GP runs a long-term relationship with his/her patients through trusty relation
14. How a GP ends the consultation: the safety net

Applying knowledge and understanding
At the end of the course the student is expected to:
15. Engage in health promotion, in treatment and lifestyle advices to reduce cardiovascular risk
16. Give advices and anticipatory care to reduce cancer risk
17. Provide patient care assessing the benefits and risks of harm to patients and to community
18. Evaluate healthy and ill individuals in their environment (family, working place, social context)
19. Assess cardiovascular risk
20. Assess cancer risk

Making judgement
At the end of the course the student is expected to:
21. Perform a face to face and telephone consultation with the patient
22. Take a shared decision reaching three objectives: to inform, to obtain consensus and to involve the patient
23. Relate specific decision-making processes to the prevalence and incidence of illness in the community, through a specific clinical method

Communication skills
At the end of the course the student is expected to:
24. Perform communication tasks in the consultation
25. Co-ordinate care with other professionals in primary care and with other specialists

Contents

2 Contents
Eight learning units designed to learn the characteristics of General Practice, followed by a clerkship in General Practice.
The students will work alongside the GP tutors, attending routine medical examinations and home visits.
Tutors regularly guide and monitor students' reflective re-elaboration of the experiences made (discussion, practical activities and written homework).

The clinical cases seen during the GP clinical activity allow the consolidation of the basic knowledge learnt in the learning units of this course and the two other courses: "Basic Clinical Skills" and in the "Behavioral Sciences, Communication Skills".

Detailed program

3 Detailed program

UNIT 1
CONTEXT AND DEFINITION OF GENERAL PRACTICE
Learning outcomes
The context and the characteristics of general practice and primary care
The core competences of general practitioner as described in the WONCA definition of general practice/family medicine
Content of the individual study and lectures
The definition, context and characteristics of general practice and primary care
WONCA Core competences
Definition and context of general practice and primary care
Competences of GP

UNIT 2
STRUCTURE OF THE CONSULTATION
Learning outcomes
The structure of the consultation
The objectives that the doctor has to reach in the consultation
Main principles of clinical reasoning in primary setting
Content of the individual study and lectures
Sore throat
The clinical tasks of the doctor in each phase of consultation

UNITA' 3
THE ORGANITAZION OF THE NATIONAL HEALTH SERVICE AND THE ROLE OF GP IN LOMBARDIA- Prof. Anna Pozzi
Learning outcomes
To know the organization of the NHC and the role of GP il Lombardia

UNIT 4
How to manage: HEALTHY PATIENT- PATIENT WITH AN ACUTE DISEASE
Learning outcomes
Evaluate healthy and ill individual in his/her environment (family, working place, social context)
How a GP evaluates and manages a patient with an acute disease
Content of the individual study and lectures
Determinants of health
Medical records
Consultation mapping

UNIT 5
How to manage: EMERGENCY
Learning outcomes
How a GP evaluates and manages emergency
Content of the individual study and lectures
CV risk assessment

Shared decision making in emergency
Respiratory failure

UNIT 6
How to manage:- COMPLEX PATIENT
Learning outcomes
How a GP evaluates and manages a complex patient (e.g. multimorbid, elderly patient, terminally ill patient)
Content of the individual study and lectures
Shared decision making with the complex patient
Older patient
Lower respiratory tract infections

UNIT 7
How to manage: CHRONIC PATIENT
Learning outcomes
How a GP evaluates and manages a patient with a chronic disease (e.g. diabetic patient, COPD patient)
Content of the individual study and lectures
Chronic patient
Setting clinical and non-clinical problems of the chronic patient and how to manage them

UNIT 8
How to manage: LONG TERM RELATIONSHIP- TELEPHONE CONSULTATION-SAFETY NET
Learning outcomes
How a GP runs a long-term relationship with his/her patients through trusty relation
How a GP perform a telephone consultation with the patient
How a GP ends the consultation: the safety net

Content of the individual study and lectures
Long term relation in general practice
Telephone consultation
Safety net
Take-home messages

TRAINING

Learning outcomes
The epidemiology in primary care setting
Evaluate CV risk
Engage in health promotion and in treatment and lifestyle advices to reduce cardiovascular risk
Deliver advices and anticipatory care to reduce cancer risk
Provide patient care assessing the benefits and the risk of harm to patients and to community
How a GP run a long-term relationship with his/her patients through trust relation
How a GP evaluates and manages a patient with an acute disease
How a GP evaluates and manages emergency
How a GP evaluates and manages a patient with a chronic disease (e.g. diabetic patient, COPD patient)
How a GP evaluates and manages a complex patient (e.g. multimorbid, elderly patient, terminally ill patient)
How GP draw up a certificate, a prescription or other formal documents
How a GP delivers care in COVID19 era
Evaluate healthy and ill individual in his/her environment (family, working place, social context)
Assess cancer risk
Carry out a face to face and telephone consultation with the patient
Take a shared decision reaching three objectives: to inform, to obtain consensus and to involve the patient
Relate specific decision-making processes to the prevalence and incidence of illness in the community, through a specific clinical method
Co-ordinate care with other professionals in primary care and with other specialists

Prerequisites

Basic knowledge of anatomy, physiology, pharmacology

Teaching form

5 Teaching format
Following the case based learning method, the structure of a learning unit is:

1. individual study
2. lecture about clinical contents and methods
3. In class: application of guidelines and concepts in small groups in order to solve clinical cases (structured inquiry) or analysis and discussion of clinical cases or video recorded simulated consultation

The objectives of the method are:
• To enable self directed learning
• To learn clinical method
• To apply concepts and guidelines to practice
• To develop critical thinking
• To enable cooperative learning

Textbook and teaching resource

Scientific articles, documentation provided by general practitioners and professor

Semester

Second semester of the second year

Assessment method

The evaluation of groupworks on clinical cases.
The skills acquired during the training period at the GP facilities will be assessed through the evaluation grid of the training booklet.

Office hours

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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | REDUCED INEQUALITIES