



**Karolinska
Institutet**

Course syllabus for

Dementia Disorders, 10 credits

Demenssjukdomar, 10 hp

This course syllabus is valid from spring 2012.

Course code	9H1027
Course name	Dementia Disorders
Credits	10 credits
Form of Education	Contract education (credits)
Main field of study	Medicine
Level	AV - Second cycle
Grading scale	Pass, Fail
Department	Department of Neurobiology, Care Sciences and Society
Decided by	Styrelsen för utbildning
Decision date	2011-10-18
Course syllabus valid from	Spring 2012

Specific entry requirements

At least 120 credits, including a medical degree. English language skills equivalent to English B/English 6 at Swedish upper secondary school are also required.

Objectives

The student should deepen his knowledge of dementia diseases from the perspective of the affected's, but also from close family - and community perspectives to optimise and ensure the handling of patients with various types of dementia related issues. On completion of the course, the student should be able to: - Identify and distinguish the most common conditions with reduced cognition (minor cognitive impairments, confusion conditions, Alzheimer disease, vascular dementia, frontotemporal dementia, Lewy Body dementia, Parkinson disease with dementia and alcohol dementia) based on knowledge of disease mechanisms, underlying risk factors, epidemiology, clinical image and diagnosis criteria, - explain and integrate knowledge of the risk factors of the dementia diseases epidemiology and how these can may be the base for prevention and intervention - explain the dementia disease consequences at the affected and at his relatives, and from an ethical perspective be able to reflect on how the consequences of the dementia disease may influence the care - identify cognitive and psychiatric symptoms and behavioural changes, link these to triggering factors, possible mechanisms and neuro-anatomical background to be independently be able to reflect over how the knowledge can be the basis for prevention.

Content

The course covers: - Confusion condition and minor amnesia at older, (MCI) - How different dementia diseases influence different cognitive functions, reasons for differences in symptoms in different forms of dementia disease - BPSD at Alzheimer Disease - Epidemiology, pathogenesis, symptoms, diagnosis criteria

Teaching methods

The course is carried out as distance education and has a student-activating learning in focus as educational model. The distance education is IT-based and is characterised by an independent and collaborative learning. In the course occurs both individual study assignments, work in groups, virtual discussions, seminars and lectures.

Examination

The examination is both formative, i.e. evaluation during the course, and summational, i.e. evaluation of the contents of the course. The formative examination takes place through active participation in seminar presentations, both individual and in groups. To pass the assignments, it is required that the student has participated actively in the completion of the assignments and in both written and oral presentation/discussion of these. The summational examination takes place through a reflecting individual written report, based on advanced study in chosen fields of the course content, on relevant literature and also a critical discussion of possible application. The reports should also be presented orally. The reports should be presented and discussed in a seminar together with teachers and fellow students.

Other directives

Language of instruction English.

Literature and other teaching aids

Burns, Alistair S.; O'Brien, John; Ames, David

Dementia.

3. ed. : London : Hodder Arnold, 2005. - xxxi, 829 s., [12] s. of plates

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