



**Karolinska
Institutet**

Course syllabus for

Dental toxicology. Adverse reactions to dental biomaterials, 1.5 credits

Toxikologi, reaktioner på dentala biomaterial, 1.5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:

Autumn2010 , Spring2012 , Spring2015 , Autumn2018 , Autumn2020 , Autumn2021

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|----------------------------|---|
| Course code | 2TL027 |
| Course name | Dental toxicology. Adverse reactions to dental biomaterials |
| Credits | 1.5 credits |
| Form of Education | Higher Education, study regulation 2007 |
| Main field of study | Not applicable |
| Level | AV - Second cycle |
| Grading scale | Pass, Fail |
| Department | Department of Dental Medicine |
| Decided by | Programnämnd 10 |
| Decision date | 2010-06-30 |
| Revised by | Programnämnd 10 |
| Last revision | 2011-10-20 |
| Course syllabus valid from | Spring 2012 |

Objectives

On completion of the course, the student should: Independently and in an experienced way be able to acquire documentation of dental materials. Have knowledge of the most important occupational hygienic aspects of dental care activity. Be able to account for potential risks of toxic and allergic reactions that may be associated with the use of different dental materials for both patients and dental care personnel. Have knowledge how patients with suspected adverse drug reactions to dental materials should be examined and how side effects and incidents are reported.

Content

Adverse drug reactions to dental materials - The Amalgam issue Patient investigation at suspicion of adverse reaction The fluor toxicology Work-related skin problems in dental care personnel

Teaching methods

Lectures and teacher-supervised seminars.

Examination

Presentation of an in-depth assignment. If the student fails, she gets 2 more opportunities. After that, the student is recommended to retake the course and is given 3 more examination opportunities. If the student has not passed after 6 attempts, he/she has no more admission to the course (HF chapter 6, section 11 a).

Transitional provisions

If the course is closed down or undergoes major changes, examination under a previous literature list and learning outcomes will be offered no more than one academic year after the implementation of the revision/close-down.

Other directives

Course evaluation is carried out according to the guidelines established by the Board of education.

Literature and other teaching aids

Schmalz, Gottfried; Arenholt-Bindslev, Dorte

Biocompatibility of dental Materials : with 302 figures and 82 tables

Berlin : Springer, cop. 2009 - XVI, 379 s.

ISBN:978-3-540-77781-6 LIBRIS-ID:11490562

[Library search](#)

Kunskapsdokument för Dentala Material från Socialstyrelsen

Socialstyrelsen,

URL: [Länk](#)