**Module title** | **Abbreviation**
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Pain | 03-TN-P-142-m01

**Module coordinator**

University Hospital, Department of Anaesthesia and Critical Care

**Module offered by**

Faculty of Medicine

<table>
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<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<td>5</td>
<td>(not) successfully completed</td>
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**Duration**

1 semester

**Module level**

graduate

**Other prerequisites**

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**Contents**

Main topics: medical examination of patients with pain, practical courses in medical examination, immunohistochemistry/immunofluorescence of dorsal root ganglia/sciatic nerve, calcium imaging of dorsal root ganglia and in transfected HEK293 cells.

**Intended learning outcomes**

In this course, students will learn about the (patho-)physiology of pain, neuroanatomical structures and therapeutic opportunities. In molecular biology-based experiments and calcium imaging in a hands-on lab course, methods in molecular pain research will be demonstrated. An insight into pain examination in the clinical routine will be given by demonstration of patients and in self-experience-based practical courses. Results will be summarised by students and discussed in a short presentation at the end of the course.

**Courses**

V + P (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

presentation (20 to 45 minutes)

**Allocation of places**

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**Additional information**

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**Referred to in LPO I**

(examination regulations for teaching-degree programmes)

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**Module appears in**

keinem Studiengang zugeordnet