

# Video as part of studies in the faculty of medicine

Educational technologist

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Video(s) can be a part of the project work in specialisation studies

### Advantages

- Highly motivated students get their project done in a way that is interesting for them and the university gets new material for teaching

### Individual or group work

- Length of a video is usually 10 - 15 min

## Topics

- According to interest of student(s) and as suggested by the teachers
- Anatomy
  - dissection
  - musculoskeletal system
  - findings / disease
- Examination of patients
  - internal medicine, neurological, MSC, ENT
- Procedures
  - local anaesthesia, suturing etc.

# Process

- Topic and aims are set with the supervisor
- Theory part according to the topic
- Manuscript of the video
- Equipment
  - edutechnologist presents and instructs
- Lending of the equipment
- Recording
  - independent work
- Preliminary editing
  - edutechnologist instructs
  - import of the materials
  - materials on the timeline
  - texts, pictures
  - rough cuts
  - raw version
- Backup to external media
- Export to mp4
- Raw version to supervisor

## Process

- Main editing
  - according to comments of the instructor
  - edutechnologist instructs but the work is done by the student(s)
  - cutting
  - zooming
  - still images from the video
  - additional pictures
  - texts
  - audio
  - effects and transitions
- Backup and export to the instructor
- Possible (minor) changes suggested by the instructor
  - final trimming
  - final export in Full HD and HD
  - backup

## Equipment

- Cameras Canon XA-20, 2 x Sony HXR-NX80
- Microphones RØDE NTG-2, Sony ECM-VG1
- Led Go Studio lights
- Stands
- Computer Dell Precision Tower 7820  
Intel Xeon 6-core 6128 3.4Ghz/32GB/1TB SSD+1TB SSD+4TB HD/P4000
- Adobe Creative Cloud software

