How to use video in teaching

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Background

• Graduated 2006, University of Helsinki, Finland
• Specialisation in Prosthodontics 2008-2012
• PhD student
• Co-Founder at Futudent 2011

Camera comparison

Microscope attached

Ceiling or lamp mounted

Loose mounted

DSLR

Phones

Intraoral cameras

Video in Education - Applications

Academic example

• Riga Stradins University, Latvia
  • Riga Stradins University’s Faculty of Dentistry is the first in the Baltics to introduce 18 special video cameras in preclinical dental training. The head mounted cameras allow filming and recording manipulations performed by dental students, which helps local and foreign students acquire required professional competency at a higher level of excellence.
Result, PubMed

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Excluded words: "CAD/CAM", "intention"
Conclusion

- Procedural video was equally as effective as live demonstrations
- The use of video material in an excellent teaching aid for teaching and
- Helped students learn more efficiently
- Bridge the gap between clinical and scientific knowledge
- Self-generated videos promote self-assessment by allowing them to reflect
  the procedure also in their own time
- Using videos and pictures in patient education would be useful and effective among
  dental hygienists

Further research is needed to evaluate the effectiveness of video communication in
- In skills lab, in treating patients
- Best practices in different fields eg. Prosthodontics, endo, surgery...
- Consultation (remote)
- Patient education