

Evaluation of training in colposcopy and large loop excision of the transformation zone in Denmark

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Background

- Colposcopy is an important tool in the diagnostic work-up of women with an abnormal cervical smear.
- In Denmark, colposcopy and large loop excision of the transformation zone (LLETZ) may be performed by residents in Obstetrics and Gynecology (OB/GYN).
- There is no formal training program in colposcopy and LLETZ.

Aim: to evaluate training in colposcopy and LLETZ among Danish OB/GYN residents

Methods



Cross-sectional questionnaire study

- **Population:** Danish OB/GYN residents.
- **Questionnaires:** 35 questions on basic characteristics, training in colposcopy, and training in LLETZ.
- **Distribution:** by e-mails and social media.
- **Outcome:** self-reported level and type of training in colposcopy and LLETZ, and self-efficacy in performing colposcopy and LLETZ.

Results



93 residents



1st or 2nd year residents: 56%
3rd or 4th year residents: 44%

COLPOSCOPY

85%

Received training

23%

Considered training sufficient

77%

Performed colposcopy independently

25%

Had a high self-efficacy in performing colposcopy

LLETZ

85%

Received training

50%

Considered training sufficient

62%

Performed LLETZ independently

42%

Had a high self-efficacy in performing LLETZ

Conclusions

- Most Danish residents in OB/GYN receive some training in colposcopy and LLETZ, but many consider the **training insufficient** and have **low self-efficacy** in performing the procedures.
- These findings suggest that a **formal training program** for residents as well as their supervisors is warranted to ensure an appropriate level of training and adequate patient care.