Does duration of use of LNG-IUDs vary by the contraceptive experience of the provider?

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BACKGROUND AND AIM

BACKGROUND

• LNG-IUDs are long acting reversible contraceptives with a high safety profile.
• Premature discontinuation due to planning pregnancy and side effects.
• Little, if any, literature on contraceptive experience of providers and if this experience is related to duration of use.

AIM

To examine whether duration of use of LNG-IUDs varies by contraceptive experience of the provider.
MATERIAL AND METHODS

• Norwegian Prescription Database
• Women who had a LNG-IUD prescription during 2010 and 2011
• n = 48 499 - follow-up through June 30, 2016

• Variables:
  ▪ Characteristics of provider
    ▪ Contraceptive experience = n prescriptions 2 years before study start
  ▪ Characteristics of users
RESULTS

• Providers profession and experience related to number of LNG-IUD prescriptions did not have a significant effect on duration of use.

• Users age and previous use of hormonal IUD had a significant effect on duration of use.
DISCUSSION AND CONCLUSION

DISCUSSION POINTS

• Premature discontinuation rates highest among young women
• LNG-IUD use among older women for climacteric reasons
• Discontinuation = switch to another hormonal contraceptive
• Contraceptive experience = n prescriptions prescribed before study start

CONCLUSION

Duration of LNG-IUD use did not vary by the contraceptive experience of the provider.