Rates of pregnancy and preterm birth in Central/Eastern Europe and neighboring countries - data from ECEE Networg Group

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Background
Epidemiological data on pregnancy and delivery outcomes among HIV positive women in Central/Eastern Europe and neighboring countries (CEEN) are urgently needed in order to provide appropriate standards of care.

Methods
- Euroguidelines in Central and Eastern Europe (ECEE) Network Group was established in February 2016 to review standards of care for HIV in the region.
- In 2018 information was collected regarding obstetric care standards, pregnancy rates and outcomes.
- All network members were invited to participate in an on-line questionnaire.
- Data from 24 centers in 20 countries were received.

Results
- 58.3% of centres were infectious diseases clinics/hospitals, only 12.5% were exclusively HIV clinics.
- In 50% gynecologist was consulting on a daily or weekly basis.
- In 78.3% of centres the most commonly advised method for contraception was condom use.
- In 69.6% the most common conception method was unprotected intercourse.
- The preferred cART regimen used in pregnancy was:
  - InSTI+2 NRTI (11;47.8%)
  - PI+2NRTI (6;26.1%)
  - NNRTI+2NRTI (2;8.7%).
- In 4 (17.4%) centres PI+InSTI+2NRTI was preferred option.
- In 5 centres InSTI are not available.

Conclusions
- Preterm birth rates among HIV positive women are high, family planning options poor and access to modern cART unsatisfactory.
- More attention should be put on obstetric and gynecological care for HIV positive women in this part of Europe.

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