Use of Expedited Partner Therapy for Treatment of Chlamydia in Adolescents

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Background:
- Legal in Wisconsin since 2010
- Treats gonorrhea, trichomoniasis, and chlamydia
- Separate prescription, refills, or called in
- Recommended by ACOG
- Multiple studies showing low rates of utilization of EPT
- Provider and pharmacist discomfort and knowledge deficit are reasons for low utilization

Methods:
- Queries run through i2b2 database for retrospective review
  - 1/1/2011 - 12/31/2016, Positive chlamydia test, Age 13-19
  - 215 occurrences included, 192 female, 23 male
- Primary outcome: Rate of EPT offered
- Secondary outcomes: Rate of EPT offered by encounter date, encounter department, and patient
- Statistical analysis: Chi-square and Fisher exact tests.

Results
- Rate offered: 15.81%
- EPT offered significantly more in Adolescent Clinic

Conclusions:
- Overall rate is low – 15.81%
- Significantly higher when age 18 and older could be related to provider comfort and consent concerns
- Difference in departments, no significant change over time so education, not time, needed to implement change
- Next steps: Electronic health record best practice alert