

The Role of Childhood Violence, Self-esteem and Depressive Symptoms on Inconsistent Contraception Use among Young, Sexually Active Women

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TEMPLE

Unintended Pregnancy: Prevalence

- Unintended Pregnancy (UP) is a significant public health problem
 - -One-half of all pregnancies are unintended
 - Mistimed
 - Unwanted
 - Over 3 million pregnancies in the US are reported as unintended



Unintended Pregnancy: Risk Groups

- High rates of UP occur among:
 - -urban women
 - women experiencing violence
 - -women with limited education
 - -women living in poverty
 - -women with high depressive symptoms
 - -women with low self-esteem



Unintended Pregnancy: Consequences

- UP has been linked to:
 - delayed prenatal care
 - increased substance use during pregnancy
 - higher infant mortality
 - reduced breastfeeding
 - increase child and maternal violence
 - higher levels of maternal depression



Unintended Pregnancy: Consequences

- Decreasing UP will have long term community effects through:
 - -reducing STDs, HIV and teen pregnancy
 - improving education and socioeconomic status
 - expanding the national workforce



Unintended Pregnancy: Interventions

• To prevent UP, promoting effective, consistent contraceptive use is key!



Consistent Contraception Use

- The Affordable Care Act of 2012 provides free contraception to sexually active women
- Other nonfinancial barriers that hamper consistent contraceptive use among young, sexually active urban women
 - $\boldsymbol{-}$ Violence, depressive symptoms and self-esteem



Young Women's Health Study

- Project funded by the National Institute of Child Health and Human Development (R21 HD071200 PI: DB Nelson)
- To examine individual, social, and institutional factors related to unintended pregnancy (UP) and inconsistent contraception use



Young Women's Health Study

- Enrolled 351 sexually active women from January 2013-November 2013 from urban family planning clinics
- Followed women for 6 months to assess contraception use and risk of UP



Young Women's Health Study

- Eligibility criteria:
 - Non-pregnant women
 - Sexually active
 - -Age 18-30 years
 - North Philadelphia zip code
 - Never had a hysterectomy or tubal ligation



In the Clinic

- · Research coordinators approached each woman, described the purpose of the study, and screened for study eligibility
- Wait time ranged from 30-60 minutes
- Questionnaire was completed prior to the clinic visit



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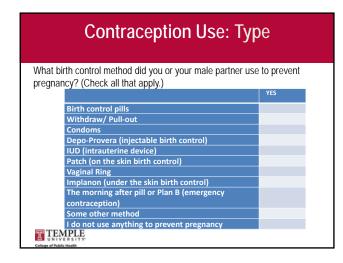


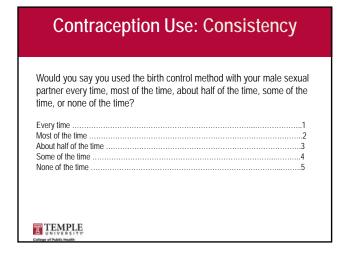
Baseline Interview

- Audio computer assisted survey instrument (ACASI)
- Collect information on tablets:
 - Demographic factors
 - Substance use
 - Current and past violence
 - Self-reported contraception use
 - Depressive symptoms
 - Self-esteem









Follow-up Interview: six months

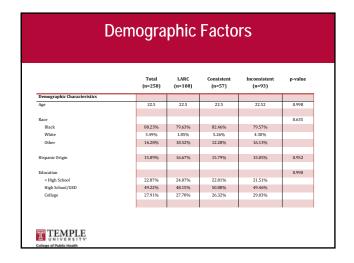
- · Home visits
 - Re-contact each enrolled women
 - Conduct a short follow-up interview
 - Consistency of contraception use

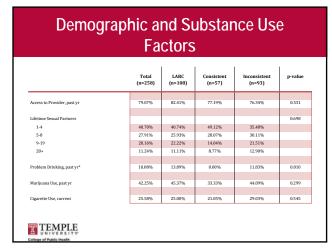


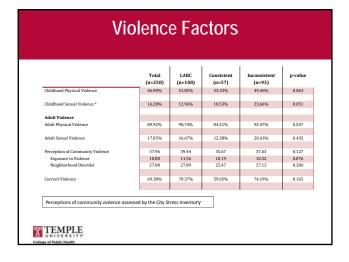
Contraception Use Groups at baseline

- •36% of women reported inconsistent contraception use
- •64% of women reported consistent contraception use
 - -65% in the <u>long acting contraception group</u>
 - •consistent use of IUD, Patch, Implanon, Vaginal Ring
 - -35% in the consistent contraception group
 - •consistent use of condoms and birth control pills

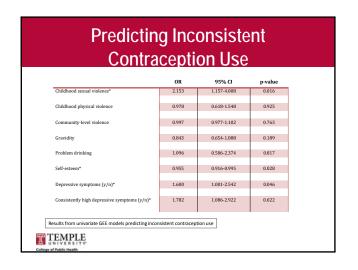








	Total (n=258)	LARC (n=108)	Consistent (n=57)	Inconsistent (n=93)	p-value
Depressive Symptoms	9.23	8.92	8.35	10.13	0.097
Depressive Symptoms (y/n)	41.09%	35.19%	38.60%	49.46%	0.111
Self-Esteem*	23.34	23.97	24.02	22.20	0.010
Self-Esteem*					0.006
Normal/Low	59.30%	50.00%	56.14%	72.04%	
High	40.70%	50.00%	43.86%	27.96%	
Sexual Self-Efficacy	60.87	62.05	57.75	61.41	0.147
Self-esteem assessed by 10-item Depressive symptoms assessed b Social Provisions assessed by 24-	y CES-D 10	-item scale			



Summary

- Inconsistent contraception users reported significantly:
 - More childhood sexual violence
 - Higher depressive symptoms
 - Lower self-esteem scores
 - Higher proportions of consistently high depressive symptoms



Conclusions

- When designing interventions to reduce UP it is important to recognize the importance of:
 - high levels of depressive symptoms
 - low levels of self-esteem
 - high prevalence of childhood sexual violence



