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BACKGROUND

pregnant women with HIV.

outcomes than postpartum initiation.



- and in sex-stratified analyses.

Maternal IPT in pregnancy and growth faltering among HIV-exposed uninfected infants

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ant sex in analyses to 12 and 48 weeks postpartum								
t	Stunting		Wasting					
P-	HRa (95% Cl) ¤	P-	HRa (95% Cl) ¤	P-				
value		value		value				
		~ ~ ~ ~						

0.012	1.13 (0.91, 1.40)	0.280	1.08 (0.81, 1.44)	0.569
<0.001	1.25 (0.92, 1.68)	0.150	1.75 (1.13, 2.72)	0.012
0.867	0.97 (0.70, 1.34)	0.848	0.73 (0.49, 1.09)	0.121
0.031	1.10 (0.91, 1.33)	0.332	1.01 (0.78, 1.31)	0.940
0.001	1.12 (0.85, 1.46)	0.427	1.47 (1.00, 2.16)	0.048
0.642	1.06 (0.80, 1.42)	0.682	0.76 (0.53, 1.09)	0.134

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RESULTS

- Among 898 infants exposed to but without HIV (HEU) with growth data, median maternal age was 29 years (interquartile range: 24-33), 447 (49.8%) were females, and 165 (19.2%) were small for gestational age at birth.
- Six mothers and one infant developed TB during the study with similar TB rates between arms.
 - pregnancy-IPT Maternal associated with was underweight overall and underweight and wasting in male infants.
- Maternal pregnancy IPT was not associated with growth faltering in female infants.

CONCLUSIONS

- Maternal IPT during pregnancy was associated with significantly increased risk of underweight among HEU infants in the first year of life.
- Male infants exposed to pregnancy-IPT had significant risk of underweight and wasting that persisted over the first year of life.
- These data add to prior TB APPRISE data, suggesting IPT during pregnancy impacts infant growth among male infants. These data could inform monitoring and management and warrants further examination of potential mechanisms.

