

Supplementary Online Content

Miller E, Jones KA, Ripper L, Paglisotti T, Mulbah P, Abebe KZ. An athletic coach-delivered middle school gender violence prevention program: a cluster randomized clinical trial. *JAMA Pediatr*. Published online January 13, 2020.
doi:10.1001/jamapediatrics.2019.5217

eTable. Individual Youth-Level Outcome Measures

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Construct	Items	Response Options
Primary Outcome (Positive Bystander Behavior only)		
Positive and negative bystander intervention behaviors²⁰	<p><i>Participants were asked how they responded to witnessing the following behaviors among male peers in the past three months:</i></p> <ol style="list-style-type: none"> 1. Making rude or disrespectful comments about a girl's body, clothing, or make-up. 2. Spreading rumors about a girl's sexual reputation, like saying "she's easy to get with." 3. Telling sexual jokes that disrespect women and girls. 4. Bragging about what they and their girlfriend do sexually. 5. Showing other people sexual messages or naked/sexual pictures of a girl on a cell phone or the internet. 6. Doing unwelcome or uninvited things toward a girl (or group of girls) such as howling, whistling, or making sexual gestures. 7. Fighting with a girl where he's starting to cuss at or threaten her. 8. Taking sexual advantage of a girl (like touching, kissing, having sex with) who is drunk or high from drugs. 9. Shoving, grabbing, or otherwise physically hurting a girl. 	<p>Check all that apply (excluding not having experienced)</p> <ul style="list-style-type: none"> • I have not experienced this in the past 3 months. • I didn't say anything.[†] • I told the person in public that acting like that was not okay.* • I laughed or went along with it.[†] • I told the person in private that acting like that was not okay.* • I talked to our coach about it privately.* • I talked to another adult (not coach).* <p>Coding: Endorsement of at least one positive (indicated by *) response per behavior witnessed added +1 to create a positive bystander behavior summary score across all 9 items (range 0-9). Endorsement of at least one negative (indicated by †) response per behavior witnessed added +1 to create a negative bystander behavior summary score across all 9 items (range 0-9).</p>
Secondary Outcomes		
Recognition of ARA²⁶	<p><i>Participants were asked how abusive they perceived the following behaviors to be in a dating relationship:</i></p> <ol style="list-style-type: none"> 1. Name calling or insulting them. 2. Telling them they're ugly or stupid. 3. Making fun of them in front of other people. 4. Telling them what to do all the time. 5. Telling them which friends they can and can't see or talk to. 6. Pressuring them not to break up with them. 7. Not listening to what they have to say. 8. Trying to convince them to have sex. 9. Preventing them from leaving a room. 10. Keeping tabs on them or spying on them. 11. Threatening to hit them. 12. Forcing them to have sex. 	<p>5 point Likert scale from 'not abusive' to 'extremely abusive'</p> <p>Coding: Modeled as a mean score; higher scores indicate more abuse recognition</p>

Gender-equitable attitudes²⁷	<p><i>Participants were asked how much they agree with the following statements:</i></p> <ol style="list-style-type: none"> 1. A guy takes responsibility for his actions. 2. A guy never needs to hit another guy to get respect. 3. A girl wearing revealing clothing deserves to have comments made about her. 4. It bothers me when a guy acts like a girl. 5. Guys should sleep with as many girls as possible. 6. If a guy tells people his worries, he will look weak. 7. In a good dating relationship, the guy gets his way most of the time. 8. Guys should only have sex with girls. 9. I can respect a guy who backs down from a fight. 10. I would be friends with a guy who is gay. 11. A guy should share in household chores (for example washing dishes, vacuuming). 12. If a girl is raped (forced to have sex) it is often because she did not say "no" clearly enough. 13. Guys put women and children first. 	<p>5 point Likert scale from 'strongly disagree' to 'strongly agree'</p> <p>Coding: Applicable items were reverse-coded so that higher scores indicate more gender equitable attitudes; modeled as a mean score</p>
Intentions to intervene with peers²⁰	<p><i>Participants were asked how likely they were to intervene when observing the following behaviors among peers:</i></p> <ol style="list-style-type: none"> 1. Making rude or disrespectful comments about a girl's body, clothing or make-up. 2. Spreading rumors about a girl's sexual reputation, like saying she's 'easy to get with'. 3. Fighting with a girl where he's starting to cuss at or threaten her. 4. Doing unwelcome or uninvited things toward a girl (or group of girls) such as howling, whistling or making sexual gestures. 5. Shoving, grabbing, or otherwise physically hurting a girl. 6. Showing other people sexual messages or naked/sexual pictures of a girl on a cell phone or the internet. 7. Telling sexual jokes that disrespect women and girls. 8. Taking sexual advantage of a girl (like touching, kissing, having sex with) who is drunk, high from drugs, or passed out. 	<p>5 point Likert scale from 'very unlikely' to 'very likely,'</p> <p>Coding: Modeled as a mean score; higher scores indicate stronger intentions to intervene.</p>
Dating abuse perpetration²⁰	<p><i>If participants reported having ever been in a dating relationship at the time of the survey, they were asked if they had done any of the following behaviors to someone with whom they were in a relationship:</i></p> <ol style="list-style-type: none"> 1. Spread rumors about their sexual reputation, like telling people they're 'easy'. 2. Convinced them to have sex, after they had said no a few times. 3. Made them have sex when they didn't want to. 4. Physically hurt them (like shoving, grabbing, slapping, punching, choking). 5. Threatened to hurt them if they didn't do what you wanted them to do. 6. Yelled at them or destroyed something that belonged to them. 	<p>Select one:</p> <ul style="list-style-type: none"> • I have not been in a relationship • Yes, I have done this in the past 3 months • Yes, I have done this, but not in the past 3 months • No, I have never done this <p>Coding: Modeled as a dichotomized variable, where answering 'yes I have done this in the past 3</p>

	<ol style="list-style-type: none"> 7. Called them names, like ugly or stupid. 8. Told them not to talk to others or told them who they could hang out with. 9. Showed friends or posted pictures of them naked or doing something sexual. 10. Talked about what you and your partner do sexually with your friends or peers. 	months' to any item was coded as a 1 (any dating abuse perpetration).
Exploratory Outcomes:		
Homophobic teasing²⁸	<p><i>Participants were asked how often they said homophobic epithets ("call each other names like homo or gay") to the following people:</i></p> <ol style="list-style-type: none"> 1. ...to a friend? 2. ...to someone you did not know well? 3. ...to someone you did not like? 4. ...to someone you did not think was gay or lesbian? 5. ...to someone you thought was gay or lesbian? 	<p>Select one:</p> <ul style="list-style-type: none"> • Never • A few times • Once or twice a month • Once or twice a week • Every day or almost every day <p>Coding: Modeled as dichotomized variable, where answering any that were not "never" was coded as a 1 (any homophobic teasing perpetration).</p>
Sexual harassment⁹	<p><i>Participants were asked how often they perpetrated the following behaviors against peers:</i></p> <ol style="list-style-type: none"> 1. Made unwelcome sexual comments, jokes, gestures, or looks? 2. Showed, gave, or left sexual pictures, drawings, messages, or notes? 3. Spread sexual rumors about them? 4. Touched, grabbed, or pinched them in a sexual way? 5. Forced them to kiss you? 	<p>Select one:</p> <ul style="list-style-type: none"> • Never • A few times • Once or twice a month • Once or twice a week • Every day or almost every day <p>Coding: Modeled as dichotomized variable, where answering any that were not "never" was coded as a 1 (any sexual harassment perpetration).</p>
Cyber abuse and sexting³⁰	<p><i>Participants were asked how often they perpetrated the following behaviors against peers using mobile apps, social networks, texts, or other digital communication in the past 3 months:</i></p> <ol style="list-style-type: none"> 1. ...make mean or hurtful comments... 2. ...spread rumors... 3. ...make threatening or aggressive comments... 4. ... repeatedly contact them to see where they were and/or who they were with... 5. ...try to get them to talk about sex when they did not want to... 6. ...ask them to do something sexual that they did not want to do... 7. ...post or publicly share a nude or semi-nude picture of them... 8. ...ask them to send nude or semi-nude pictures of themselves... 	<p>Select one:</p> <ul style="list-style-type: none"> • Never • A few times • Once or twice a month • Once or twice a week • Every day or almost every day <p>Coding: Modeled as dichotomized variable, where answering any that were not "never" was coded as a 1 (any cyber abuse or sexting perpetration). Items 5-8 were coded as cyber sexual abuse</p>

Note: All scales are measured at baseline, end of season, and one-year follow-up