

# Potential Psychosocial Issues Associated With CPP<sup>a</sup>



<sup>a</sup>Dr. Karen Kleins' opinion.

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# Beyond Height, Psychosocial Issues Are Also Factors That Affect Children With CPP



Nobody likes The Puberty Fairy.

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- Risks of earlier normal puberty<sup>a</sup>:
  - More depression<sup>1</sup>
  - More aggressiveness<sup>1</sup>
  - More social withdrawal<sup>1</sup>
  - Lower self-esteem<sup>1</sup>
  - Poorer coping skills<sup>1</sup>
  - Higher school absenteeism<sup>1</sup>
  - Earlier psychosexual behavior<sup>2</sup>
  - Being bullied<sup>3</sup>

<sup>a</sup>This reference is from a small study on CPP (N=15) girls treated with GnRHa compared to control (N=13) and while there were small differences, none were significant (>0.5).

References: 1. Wojniusz S et al. *Front Psychol.* 2016;7:1053. 2. Chen M, Eugster EA. *Paediatr Drugs.* 2015;17(4):273-281. 3. Coban et al. *J Psychosom Res.* 2021;143:110401

# Psychological, Psychosocial Issues and CPP

- Children with CPP are physically more mature than their peers, while cognitive, social, and emotional development tends to be consistent with age<sup>1,a</sup>
- Family and social support have a major impact on mental health<sup>2</sup>

<sup>a</sup>In a study of 15 girls with CPP, median age 10.4 years treated with slow-release GnRHa and 15 age-matched controls assessed with a comprehensive test battery to evaluate cognitive performance, behavioral and psychosocial problems.

3 **References:** 1. Wojniusz S et al. *Front Psychol.* 2016;7:1053. 2. Graber JA. *Horm Behav.* 2013;64(2):262-269.

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