

HORMONALLY MEDIATED PVD

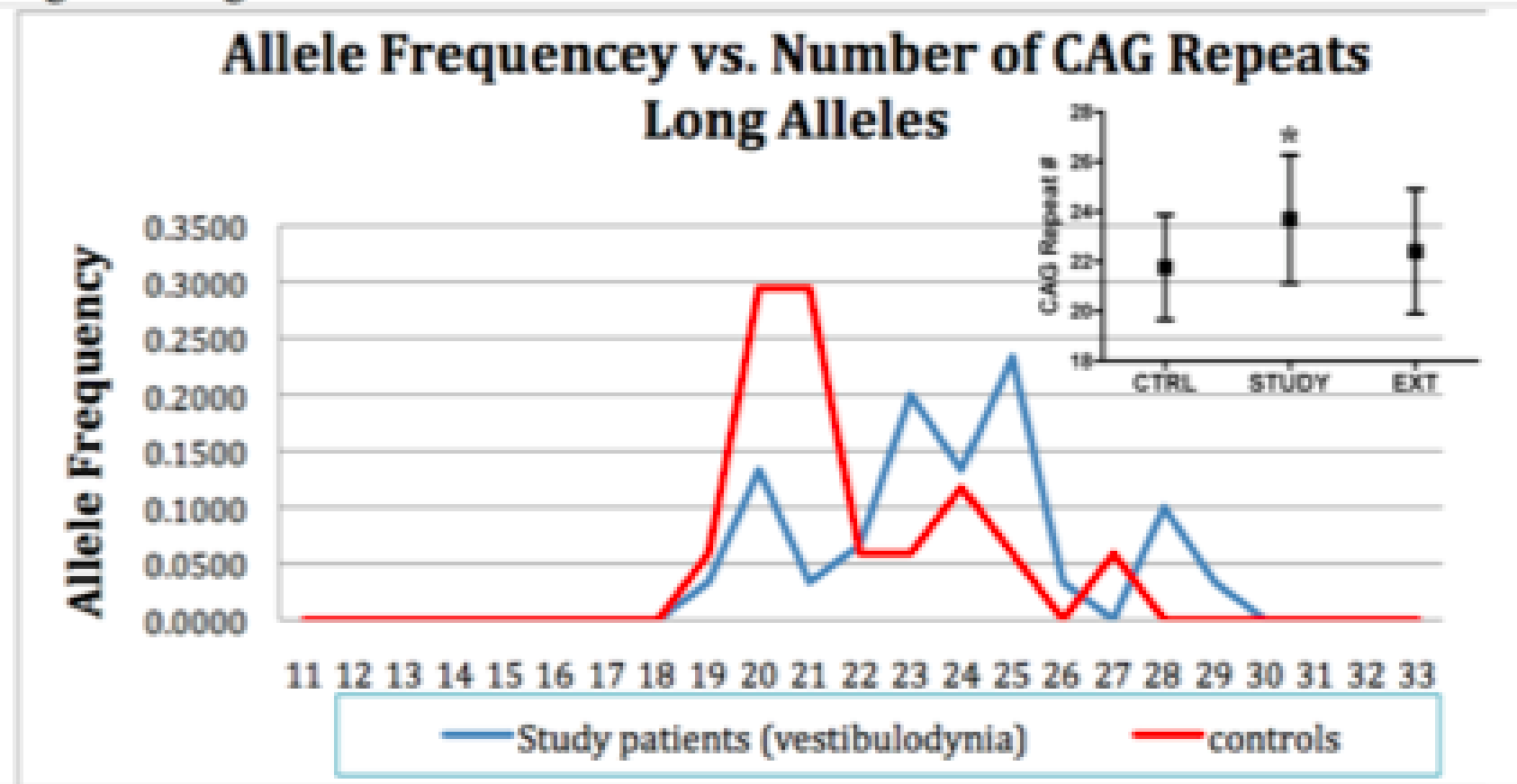
FACT:

Not ALL women on CHCs
develop pain syndromes



THE CG REPEATS OF WOMEN WITH AND WITHOUT PAIN TELL THE REAL STORY...

Figure 3. long alleles



Does oral contraceptive-induced reduction in free testosterone adversely affect the sexuality or mood of women?

- Significant decrease T, FT, and DHEA-S after 3 months CHCs
- Some support for relationship between degree of reduction in total T and FT and frequency of sexual interest after 3 months on OCs.
- NO evidence that reduction in FT affected enjoyment of sexual activity with a partner
- Findings consistent with idea that some women may be more sensitive to changes in T than others

Burrows LJ, Basha M, and Goldstein AT. The effects of hormonal contraceptives on female sexuality: A review. J Sex Med 2012;9:2213–2223.

Conclusions.

“ The sexual side effects of hormonal contraceptives are not well studied. There appears to be mixed effects on libido, with a small percentage of women experiencing an increase or a decrease, and the majority being unaffected.”

Relation of Androgen Receptor Sensitivity and Sexual Desire in Hormonal Contraception Users

- Sexual desire was higher in women with short CAG repeat lengths and LOWER with longer CAG repeat lengths
- “Evidence exists for a role of androgen receptor sensitivity and sexual desire of hormonal contraceptive users”

“Healthcare providers must be aware that hormonal contraceptive can have negative effects on female sexuality so they can counsel and care for their patients appropriately”

BALANCED AND INDIVIDUALIZED EDUCATION

Burrows LJ, Basha M, and Goldstein AT. The effects of hormonal contraceptives on female sexuality: A review. J Sex Med 2012;9:2213–2223.