THE PREDICTIVE EFFECT OF FREE TESTOSTERONE ON SEXUAL FUNCTION INCREASES WITH AGE

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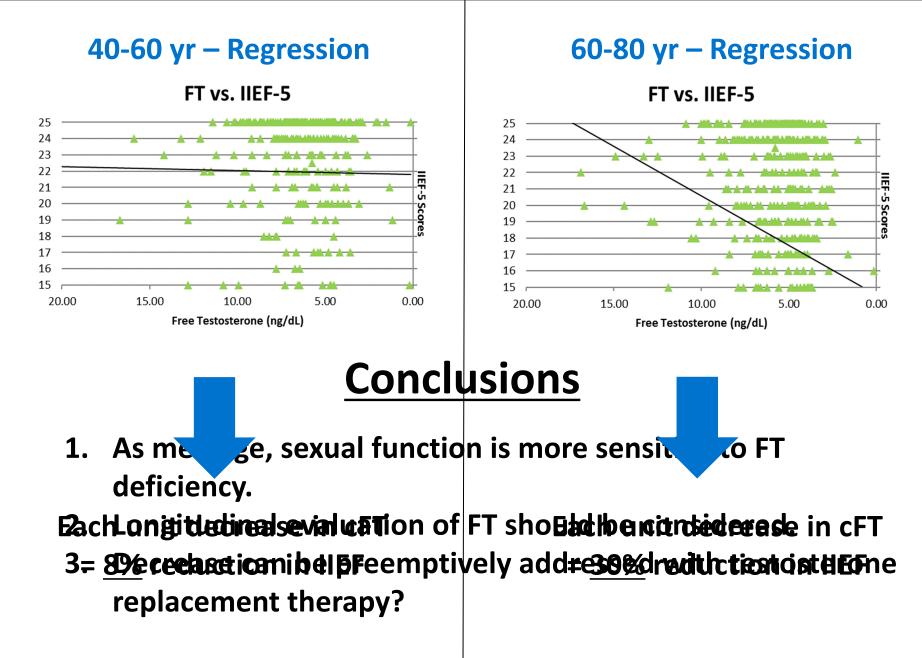
Introduction

We seek to assess whether age impacts free testosterone's (FT) effect on sexual function in 40 to 80 year old men with prostate cancer.

Methods

- Retrospective review of 822 patients undergoing RARP
- Pre-operative evaluation of:
 - International Index of Erectile Function (IIEF-5)
 - TT, Sex-Hormone Binding Globulin (SHBG), and calculated FT (cFT)
- Patients were stratified according to age, 40-60 years and 60-80 years.



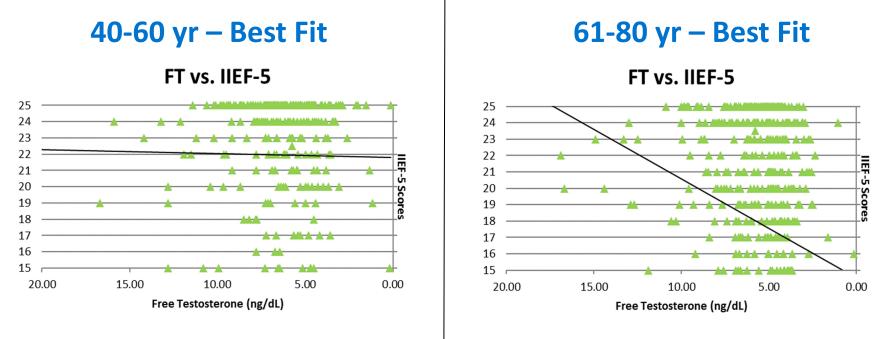












Conclusions

1. As men age, sexual function is more sensitive to FT deficiency.

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- 1. As men age, sexual function is more sensitive to FT deficiency.
- 2. Longitudinal evaluation of FT should be considered.
- 3. Decrease can be preemptively addressed with testosterone replacement therapy?



