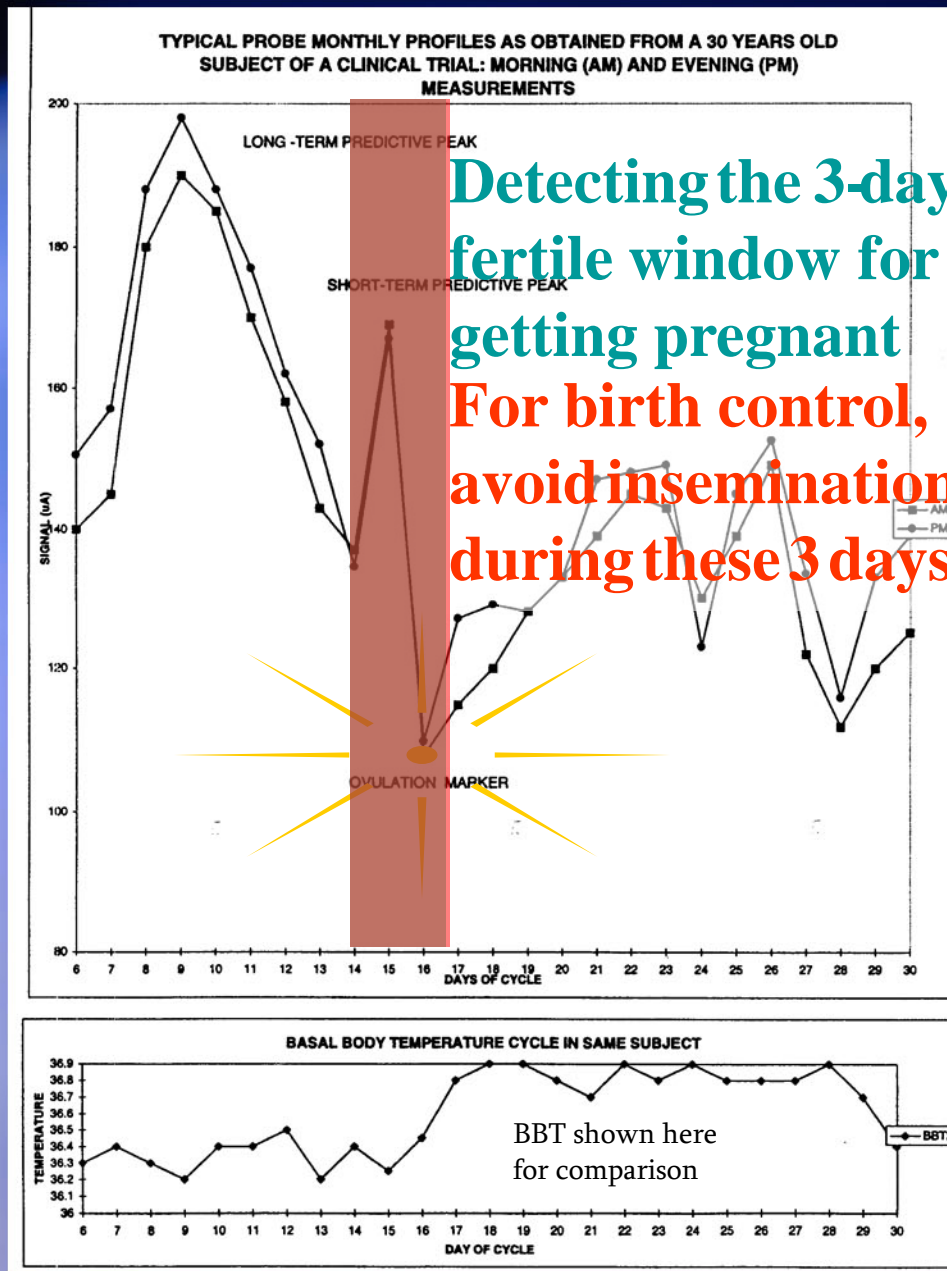
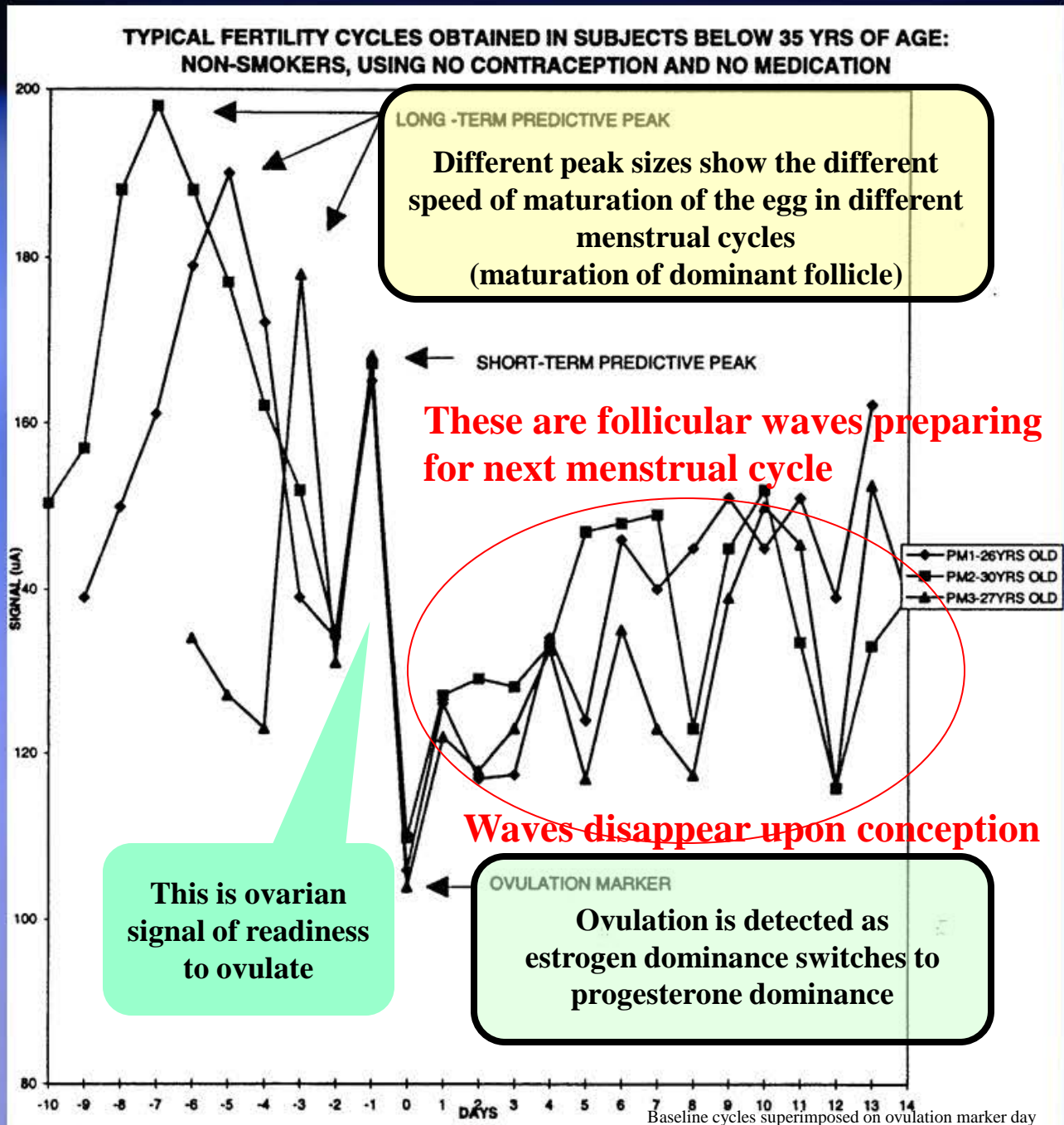


What our FIV™ tech does for women and for family planning



Our electrometric procedure is focused on the cervix uteri for superior accuracy, because the vein-to-artery exchange of steroids, prostaglandins and other bioactive substances is a local transfer mechanism regulating the genital organs, and the cervix also has a particularly dense innervation.

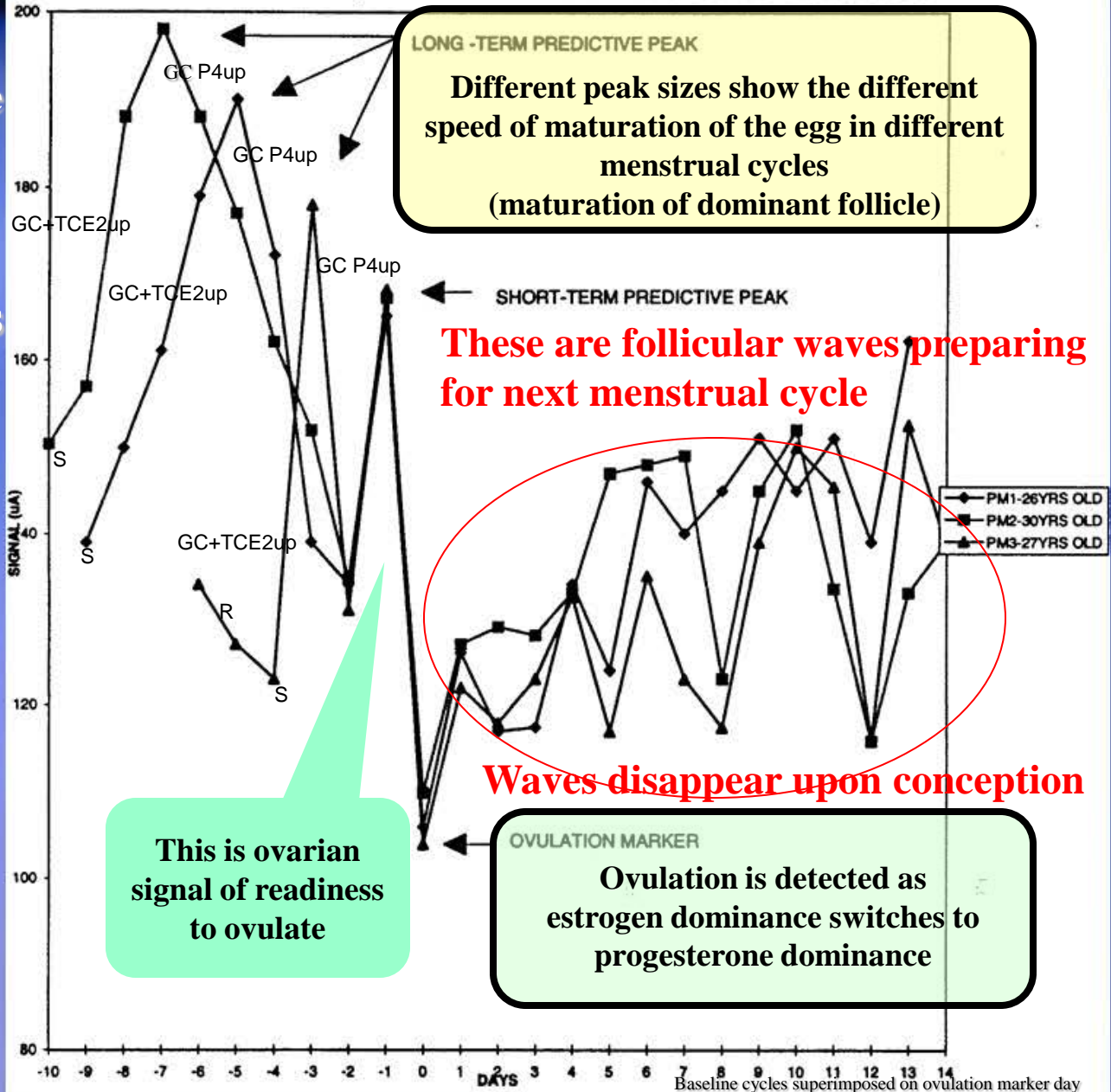
Wealth of information inherent in the menstrual cyclic profile signature





Wealth of information inherent in the menstrual cyclic profile

TYPICAL FERTILITY CYCLES OBTAINED IN SUBJECTS BELOW 35 YRS OF AGE:
NON-SMOKERS, USING NO CONTRACEPTION AND NO MEDICATION



Part 2: Dominant Follicle peak's ascending and descending branches elucidated based on the sensor's in vivo responses to the E2 & P4 steroids

Estrogen & Progesterone

Key to graph labels

R... Recruitment on days 1 to 5 ± 1 (captured only if after blood flow – hygiene concern)

S... Selection on day 6 ± 1

GC+TC E2up... Granulosa + Theca Cells produced Estradiol (E2) rises and Dominant Follicle also initiates expression of LH Receptors

GC P4up... After the appearance of LH Receptors, the preovulatory Granulosa Cells secrete Progesterone (P4)

Ref.: Williams OBSTETRICS © 2010, 2005, 2001 by The McGraw-Hill Companies, Inc. 23rd Edition , page 39
www.gums.ac.ir/Upload/Modules/Contents/asset39/williams23.pdf