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

For birth control, avoid insemination during these 3 days.

Detecting the 3-day fertile window for getting pregnant

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

Different peak sizes show the different speed of maturation of the egg in different menstrual cycles (maturation of dominant follicle)

Ovulation is detected as estrogen dominance switches to progesterone dominance

These are follicular waves preparing for next menstrual cycle

Waves disappear upon conception

This is ovarian signal of readiness to ovulate

Ovulation is detected as estrogen dominance switches to progesterone dominance
Different peak sizes show the different speed of maturation of the egg in different menstrual cycles (maturation of dominant follicle).

These are follicular waves preparing for next menstrual cycle.

This is ovarian signal of readiness to ovulate.

Ovulation is detected as estrogen dominance switches to progesterone dominance.

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)