



Rapid prototyping model of

Ovulona™ Personal Fertility Smart Sensor™

bioZhana Corporation
Vaclav Kirsner, Ph.D.
2908 Killarney Drive
Laporte, CO 80535 USA
Phone (970) 484-1272

www.biozhena.com
vaclav@biozhena.com

bioZhana's innovation is the technology of Folliculogenesis In Vivo™.

It is a patented discovery of a biosensor transducer that, by interfacing with the tissues of the exocervix and the transition region in the posterior fornix, tracks the well-defined stages of folliculogenesis.

This technique (also called ovulography™) yields a menstrual cyclic profile affording unprecedented quantitative anticipation and also detection of ovulation, followed by follicular waves for the next menstrual cycle.

The woman at home will get electronically interpreted results presented in plain English, useful for non-interventional (behavioral) reproductive management.

The measurement data of the woman's cycles, recorded by the device, provide an information-rich menstrual cycling history to the woman's healthcare providers.

Our monitor overcomes the failure of current products and methods to precisely report the fertile window, truly optimizing the probability of conception.

Our monitor's accuracy also allows for pregnancy avoidance.

Monitoring the cervix means built-in instant pregnancy detection, and prospectively an unobtrusive innocuous cervical health screen.

We have proved the concept of Folliculogenesis In Vivo, and secured FDA clearance for the first application. Now we'll present the concept to the market.