



## About bioZhená's Vision

The bioZhená thesis is that "abstracting" the data generated by our breakthrough (yet simple-to-use and simple-to-manufacture) technology will enable "actionable decisions" that will contribute to the right trend toward Value-Based Women's Healthcare.

### VISION

Advantage to physicians and payers: Due to the broad diagnostic applicability of Folliculogenesis In Vivo™, the [Ovulona](#) is envisaged to be a tool that practically every woman will want to use, and thus routinely record her menstrual cyclic profile for various medical purposes. While keeping track of their fertility AND automatically also of their cervical health status, women will automatically record the fundamental folliculogenesis profile and cervical health data – for personalized evidence-based medical help if and when needed. This is a major breakthrough for the providers.

The Ovulona will optionally download the recorded data into the physicians' [Ovulograph™ patient management tool](#), the new means of exploring the menstrual cycle as a vital sign. Note: Every cycle, longitudinal recording. The menstrual cyclic profiles will enable better diagnosis (incl. [symptometry and differential diagnosis](#)); will enable performing diagnoses and treatments at the right time in the patients' menstrual cycles; and will enable personalized doses of medications (e.g. estrogen replacement therapy).

<p><b>The Menstrual Cycle</b></p> <ul style="list-style-type: none"> <li>• Gender-based health disparity</li> <li>• Frequent delay in diagnosis of disorders</li> <li>• Inadequate long term management</li> </ul>	<p><b>The Menstrual Cycle is a Vital Sign®</b></p> <ul style="list-style-type: none"> <li>• Wake up call on cardiovascular health</li> <li>• Wake up call on genetic health</li> <li>• Wake up call on emotional health</li> <li>• Wake up call on bone health</li> </ul> <p>And, naturally, on reproductive health</p>
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<https://archive.ahrq.gov/news/events/conference/2011/nelson/nelson.pptx>

<https://biozhená.files.wordpress.com/2016/11/the-menstrual-cycle-and-vital-sign-panorama3.jpg>

Source: <https://archive.ahrq.gov/news/events/conference/2011/nelson/nelson.pptx> & <https://pituitary.org/medical-resources/pavilions/women-s-health/women-s-health-archive/the-menstrual-cycle-getting-the-vital-respect-it-deserves> & <https://videocast.nih.gov/launch.asp?13628>

Because the production costs are by design relatively low, with a high inherent profit margin, the technology can be provided affordably to women everywhere, including the developing countries where women are in dire need of such a fundamental yet easy-to-use birth control tool, and of the prospective cervical cancer screen.

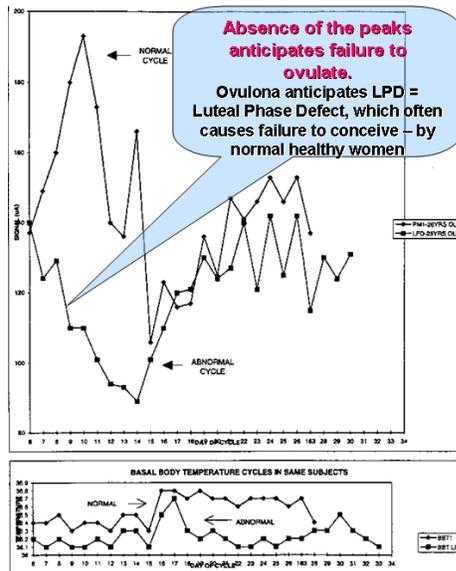


<https://biozhena.files.wordpress.com/2016/11/applications-of-cervical-sensor-girl-w-device-and-other-solutions.jpg>

**bioZhena Corporation** is in a unique position to be instrumental in introducing non-interventional behavioral reproductive management in public health and in medical education, which cannot be achieved by the old focus on systemic hormone monitoring.

Our vision and mission is to make it possible that most women, as users of our technology, will know their fertility status every day - a new standard. The Ovulona detects the mere 3 days in a month when pregnancy can be conceived, and it will display the diagnostic information in plain language such as FERTILE DAY 1 or FERTILE DAY 3 = OVULATION or PREGNANCY DETECTED or SEE DOCTOR ABOUT CERVIX. This last refers to the plan to provide a better alternative to the Pap.

Example of an actionable decision enabled by our technology: Since the raw data anticipate luteal phase defect (absence of dominant follicle maturation) which condition prevents conception, much money as well as the patient's discomfort and anguish will be saved. A win-win-win (patient-physician-payer) proposition.



Click for a narrated slide: <https://biozhena.files.wordpress.com/2016/08/lpd-narrated-on-white-background-single-slide1.pps>