

Title (en)

SYSTEMS AND METHODS FOR MENSTRUAL CYCLE TESTING

Title (de)

SYSTEME UND VERFAHREN ZUM TESTEN DES MENSTRUATIONSZYKLUS

Title (fr)

SYSTÈMES ET PROCÉDÉS DE TEST DE CYCLE MENSTRUEL

Publication

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Application

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Abstract (en)

[origin: WO2021034412A1] The present invention relates to a system and methods for evaluating and tracking the operation of the menstrual cycle and treating undesirable trends associated with the menstrual cycle. Various aspects of the system and methods described herein rely upon the operation of diagnostic tests specially configured to evaluate a bodily fluid for the presence or absence of hormones or analytes, and more specifically configured to evaluate a bodily fluid for at least the presence or absence of pregnanediol glucuronide at a threshold selected from the range inclusive of 1 µg/mL-10 µg/mL. The results from one or more diagnostic tests are interpreted in accordance with the teachings of the system. The interpretations are useful in facilitating treatments associated with medical conditions correlated to the generated interpretations, optionally delivered during a consultation with a medical provider during a telemedicine consultation, the treatments optionally comprising dietary changes incorporating the consumption of certain seeds to mitigate hormonal imbalances.

IPC 8 full level

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CPC (source: EP US)

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A61B 2010/0006 (2013.01 - EP)

Citation (search report)

- [X] WO 2019133920 A1 20190704 - MFB FERTILITY INC [US]
- [X] WO 9404924 A1 19940303 - UNIPATH LTD [GB], et al
- [X] US 7044919 B1 20060516 - CATT MICHAEL [GB], et al
- [A] CN 106146651 A 20161123 - NANJING JILANG BIOTECHNOLOGY CO LTD
- [A] WO 2007049157 A2 20070503 - MANAWATU BIOTECH INVEST LTD MB [NZ], et al
- [A] WO 2015116854 A1 20150806 - PODOLY EREZ [US]
- [A] WO 9516920 A1 19950622 - ABBOTT LAB [US]
- [A] CJ MUNRO ET AL: "Relationship of serum estradiol and progesterone concentrations to the excretion profiles of their major urinary metabolites as measured by enzyme immunoassay and radioimmunoassay", CLINICAL CHEMISTRY, vol. 37, no. 6, 1 June 1991 (1991-06-01), US, pages 838 - 844, XP055624183, ISSN: 0009-9147, DOI: 10.1093/clinchem/37.6.838
- [A] ANONYMOUS: "DaysyView", APPS ON GOOGLE PLAY, 1 January 2015 (2015-01-01), XP055794310, Retrieved from the Internet <URL:<https://play.google.com/store/apps/details?id=cz.xproduction.daysyview&hl=nl&gl=US>> [retrieved on 20210412]
- See references of WO 2021034412A1

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