



醫院管理局
HOSPITAL
AUTHORITY

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Date: 7 September 2017

To: All COSs, DOMs & Medical staff,
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Trimester-specific Serum Progesterone Reference Intervals
Implementation Date: 21 September 2017

Progesterone plays a vital role in developing and maintaining a healthy placenta and fetus, particularly during the first trimester of pregnancy. Hence measurement of progesterone concentration in blood during pregnancy helps to monitor a high-risk pregnancy, to evaluate placenta and fetal health and to determine the effectiveness of progesterone supplementation in assisted reproduction. With an aim to improve service provision, a new set of trimester-specific reference intervals will be reported for serum progesterone measurement.

Trimester-specific Serum Progesterone Reference Intervals:

Pregnancy 1st trimester: 35.0 – 141 nmol/L

Pregnancy 2nd trimester: 80.8 – 264 nmol/L

Pregnancy 3rd trimester: 187 – 681 nmol/L

The Trimester-specific reference intervals will be provided in the laboratory report. Details can be found in the Test Menu posted at the Prince of Wales Hospital Chemical Pathology i-Hospital homepage (iCHEMPATH@PWH). If there is enquiry, please contact our Duty Biochemist at 3505 2685, or page through PWH Operator at 3505 2211.

Sincerely yours,

Prof YM Dennis LO

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