



PRINCE OF WALES HOSPITAL
威爾斯親王醫院

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MEMO

From: Prof LO Yuk Ming Dennis
Honorary Chief of Service
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To: All COSS, DOMs & Medical Staff, NTEC

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Date: 5 November 2015

**Enhanced Serum Oestradiol Service
Implementation Date: 18 November 2015**

Please kindly be informed that serum oestradiol test will have a product upgrade by the manufacturer with an aim to enhance assay performance. The product change involves the adoption of new monoclonal antibody formulation with improved reference standardisation. The improved serum oestradiol assay will offer enhanced assay sensitivity, lower detection limit, reduction of cross reactivities with structural similar drugs, extended assay range and improved accuracy. With increased specificity of this formulation, the new assay gives oestradiol results ~10% lower than the previous method. It shall be introduced into routine service on 18 November 2015 at Department of Chemical Pathology, PWH.

The test requesting procedure and specimen requirement (serum gel separator clot activator tube) will remain unchanged. New age- and gender- specific reference intervals will be provided in the laboratory report. Details for the new serum oestradiol assay can be found in the Test Menu posted at the Prince of Wales Hospital Chemical Pathology i-Hospital homepage (iCHEMPATH@PWH).

If there is any enquiry on the above enhanced serum oestradiol service, please contact our Duty Biochemist at 2632 2685, or page through PWH Operator at 2632 2211.

Sincerely yours,

Prof LO Yuk Ming Dennis