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HOSPITAL
AUTHORITY

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Date: 24 November 2017

To: All COSs, DOMs & Medical staff,
NTEC

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Revision of Serum Carbamazepine Reference Intervals on 28 November 2017

Please kindly be informed that a change of assay technology in serum carbamazepine test is introduced by manufacturer with an aim to enhance assay performance. The new assay offers low cross-reactivity to oxcarbazepine and major metabolite carbamazepine-10,11 epoxide for unambiguous test results with improved specificity. A new set of reference intervals will be quoted for the enhanced serum carbamazepine test. The new assay will be introduced into routine service on 28 November 2017 at the Department of Chemical Pathology, PWH.

Revised Serum Carbamazepine Reference Intervals: 17 -51 $\mu\text{mol/L}$

The new 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 Rossa WK CHIU

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