



PRINCE OF WALES HOSPITAL

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Date: 1 August 2011

Revision of Urine Albumin to Creatinine Ratio (UACR) Test Profile

Date of Implementation: 8 August 2011

It is well established that microalbuminuria is an important biochemical marker in patients with diabetes in association with progressive renal damage. Currently, our department simultaneously report urine total protein result as part of quality assurance exercise for every request for urine albumin to creatinine ratio (UACR) in spot or timed urine specimen.

With the implementation of the new laboratory automation system which can provide much improved analytical performance in urine albumin assay, the provision of concurrent total protein measurement will no longer be necessary. In this connection, urine total protein test will be unbundled from the standard UACR request with effect from 8 August 2011 onwards.

The request for spot urine total protein to creatinine ratio (TP/CR Ratio) or 24-hour urine total protein output remains available for screening of proteinuria in support of the investigation and clinical management of patients with nephrotic syndrome, hypertension and other related clinical situations.

Details for the UACR test profile can be found in the Test Menu posted at the Prince of Wales Hospital Chemical Pathology i-Hospital homepage (iCHEMPATH@PWH).

For enquiry, please contact our Duty Biochemist at 2632 2685 or page through the PWH operator at 2632 2211.

Thank you for your kind attention.

Sincerely yours,

Prof YM Dennis LO