



PRINCE OF WALES HOSPITAL

威爾斯親王醫院

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**From:** Prof CWK Lam  
Hon Chief of Service  
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**To:** All COSs  
NTEC Hospitals

**Tel/Fax No:** 2632-3338 / 2636-5090

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### Spot Urine Total Protein / Creatinine Ratio for Measurement of Proteinuria

Proteinuria is a marker of renal and urinary tract diseases. Its measurement assesses disease severity and monitors progression of nephropathy. However, common methods of estimating 24-h protein excretion are prone to be affected by incomplete urine collection due to patient non-compliance. Spot urine total protein concentration corrected for creatinine has been shown to correlate with 24-h urinary excretion [Clinical Chemistry 2005;51(9):1577-86].

Starting from January 2006, we shall provide, for NTEC hospitals, spot urine total protein / creatinine ratio (SUTPR) for quantitative measurement of proteinuria.

Please note the following arrangements:

- (1) SUTPR is available on Generic Clinical Request System (GCRS) or paper-form request;
- (2) Random urine sample is suitable for the test requests; and
- (3) Test provision will be available starting from:
  - 10<sup>th</sup> January (Tuesday) 2006 at PWH, SH, BBH, and SCH
  - 1<sup>st</sup> February (Wednesday) 2006 at NDH, AHNH and TPH

If there are any queries on the above arrangements, please contact our Duty Biochemist at 2632-2658 or 2632-2331, or page through PWH Operator at 2632-2211 for discussion.

You are most welcome to use our new service.

Prof CWK Lam

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