



醫院管理局  
HOSPITAL  
AUTHORITY

From: Prof YM Dennis LO  
Hon. Chief of Service  
Dept of Chemical Pathology  
PWH

Tel / Fax No: 2632 3338 / 2636 5090

Date: 23 November 2016

To: COS, DOM, All Doctors, Dept of  
Paediatrics, PWH

Cc: Dr SV LO, HCE(PWH) /  
CCE(NTEC)

Dr KH LEE, HCE(SH/BBH)

Dr Michael CHAN, CC Path(NTEC)

All Duty Biochemists, PWH(CP)

Ms Karen LAW, DM, PWH(CP)

---

**Enhanced Plasma Creatinine Service for Paediatric Patients**  
**Implementation Date: 14 December 2016**

With an aim to improve service provision, an enhanced plasma creatinine assay will be introduced in PWH for paediatric patients under the age of three. The new assay involves the adoption of creatinine-specific enzymatic methodology with improved reference standardisation. The new enzymatic creatinine assay will offer enhanced assay sensitivity and reduction of non-creatinine chromogenic interference. The increased specificity of this assay provides creatinine result with improved accuracy for neonatal and paediatric patients with jaundice.

Revised Paediatric Reference Interval:

Neonates (premature): 29 - 87  $\mu\text{mol/L}$

Neonates (full term): 27 - 77  $\mu\text{mol/L}$

2 - 12 months: < 34  $\mu\text{mol/L}$

1 - < 3 years: < 31  $\mu\text{mol/L}$

(Reference Intervals for age  $\geq$  3 years remain unchanged)

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 any enquiry, please contact our Duty Biochemist at 2632 2685, or page through PWH Operator at 2632 2211.

Sincerely yours,

Prof YM Dennis LO

Prince of Wales Hospital  
Hospital Authority  
30-32 Ngan Shing Street,  
Shatin, N.T.  
Tel: (852) 2632 2211  
Fax: (852) 2637 8244

威爾斯親王醫院  
醫院管理局  
新界沙田銀城街30-32號  
電話：(852) 2632 2211  
傳真：(852) 2637 8244

與民攜手  
Helping People Stay Healthy  
保健安康