



# PRINCE OF WALES HOSPITAL

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To: COSs of all HA Hospitals

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Date: 2 July 2013

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### Update on Position Statement for Serum 25-Hydroxy-Vitamin D (25-OHD)

Vitamin D status has emerged as a significant global public health issue and this field of research is fast-moving. Recently, evidence-based position statements on vitamin D and health have been published by the Australian and New Zealand Bone and Mineral Society and Osteoporosis Australia. The statements have also been endorsed by the Endocrine Society of Australia, Australasian Paediatric Endocrine Group, Royal Australasian College of Physicians and Royal Australian and New Zealand College of Obstetricians and Gynaecologists. According to the statements, serum 25-OHD status and target values are redefined based on the best clinical evidence currently available.

With an aim to achieve continuous quality improvement and keep up to date with the latest clinical evidence and guideline, our laboratory will renew our interpretative comment on serum 25-OHD results. Please note the following new interpretative comment with references cited on serum 25-OHD test reports with effect from 15 July 2013:

#### Total 25OH vitamin D

< 12.5 nmol/l	Severe deficiency
12.5-29 nmol/l	Moderate deficiency
30-49 nmol/l	Mild deficiency
50-220 nmol/l	Sufficient
>220 nmol/l	Potentially toxic

Med J Aust 2012; 196(11):686-7

Med J Aust 2013; 198(3):142-3

If there is any enquiry on the above changes, please contact our Duty Biochemist at 2632-2685 / 2632-2331, or page through PWH operator at 2632-2211.

Thank you for your kind attention.

Sincerely yours

Prof YM Dennis LO