

Department of Clinical Laboratory Medicine

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Our Ref: KB/KL

14 November 2013

Dear Colleague

Re: Digoxin Therapeutic Range

I write to advise you that the therapeutic range for Digoxin has changed from 1.0-2.0 ug/L to 0.5-1.0 ug/L in accordance with National Pathology Harmony Guidance.

Traditional therapeutic ranges minimised digoxin toxicity whereas later evidence suggests that keeping digoxin levels within the range 0.5-1.0 ug/L both minimises digoxin toxicity and maximises the drug efficiency.

Note that samples for digoxin analysis should be drawn at least 6 hours post dose and accompanied by renal profile analysis.

Yours sincerely



Dr Kathryn Brownbill FRCPATH
Consultant Biochemist,
Clinical Director, Clinical Laboratory Medicine,
Chair, ELHT Point of Care Testing Committee

FAO
ACB
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Ref: Hallworth, M & Watson, I Therapeutic Drug Monitoring and Laboratory
Medicine ACB Creative Publications

10 NOV 2013