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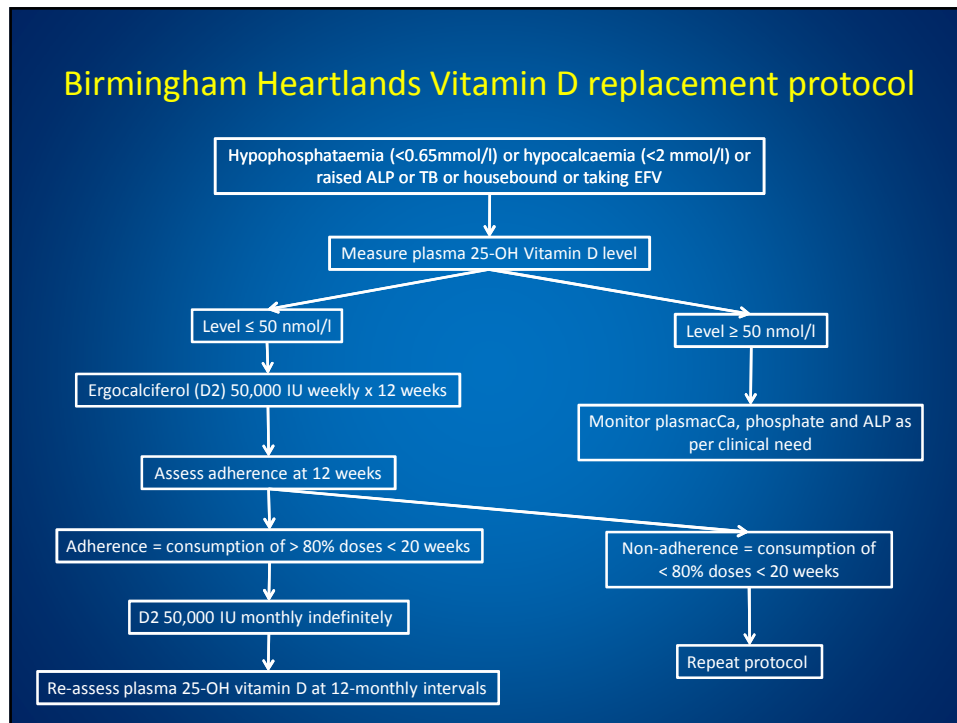
A novel replacement and maintenance regimen for vitamin D deficient HIV positive patients

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and S Taylor

BIRMINGHAM HEARTLANDS **HIV SERVICE**



Birmingham Heartlands Vitamin D replacement protocol



Results and Conclusions

- A median rise of 61.7 nmol/L ($p < 0.05$) was observed between baseline and week 14

- 88.4% of patients' VD was normalised after the correction phase

- 80.3% remained corrected after 12 weeks of the maintenance phase

- No patients experienced toxicity or had elevated corrected calcium levels

- The main identified reason for ongoing VD deficiency was poor adherence and was significantly associated with vitamin D status at 12-weeks ($P = 0.026$; $N = 31$)

- Our novel regimen effectively corrects and maintains vitamin D levels in HIV patients

	Median Vitamin D level (nmol/l)	Number tested	P-value
Baseline	22.8	106	
Week 14	84.5	78	<0.05
Week 32	72.3	53	<0.05

