LETTER TO THE EDITOR

Deriving Hounsfield units using grey scale of a CBCT?: author response

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We appreciate the reader's interest in our research paper "Deriving Hounsfield units using grey levels in cone beam computed tomography" in the September 2010 issue of DMFR.¹ We have subsequently applied this method in a clinical situation and the results will be submitted shortly for publication by the same authors. This should help to explain some of the issues raised in this letter to the editor.

We are aware of the paper by Bryant J A et al² and we will attempt to address some of the issues regarding non-uniformity in the flat panel detector and the issue of noise raised in this paper in a future article.

At this time we are unable to scan the device in an i-Cat CBCT machine as we do not have one of these scanners in our institution. We have several other CBCT devices but not this particular manufacturer's device.

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References

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2. Bryant JA, Drage NA, Richmond S. Study of the scan uniformity from an i-Cat cone-beam CT imaging system. *Dentomaxillofac Radiol* 2008; **37**: 365–374.