

**MEMORANDUM**

**Date:** March 31, 2011

**To:** NCRP Customers

**From:** David A. Schauer  
Executive Director

**Subject:** Errata for NCRP Report No. 168

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The following corrections should be made to NCRP Report No. 168, *Radiation Dose Management for Fluoroscopically-Guided Interventional Medical Procedures* (2010):

- Page 194, 1st paragraph, line 7: replace "table height" with "imaging geometry"
- Page 196, replace Fig. D.3 caption:

**Fig. D.3:** The  $K_{a,r}$  reference point is nominally at the patient's entrance-skin surface as shown here. In this exact geometry the incident air kerma  $K_{a,i} = K_{a,r}$ , and in the absence of beam motion, the resultant entrance air kerma ( $K_{a,e}$ ) and entrance-skin absorbed dose ( $D_{skin,e}$ ) are:  $K_{a,e} = K_{a,r} A BSF$ ; and  $D_{skin,e} = K_{a,e} f$ ; where  $A$  is the attenuation of the table top,  $BSF$  is the backscatter factor (dependent on x-ray spectrum and field size at the surface), and  $f$  is the ratio of mass attenuation coefficients of skin to air. Under these conditions:  $D_{skin,e} \simeq 1.3 K_{a,r}$  (approximate range 1.2 to 1.5).

These changes do not affect the recommendations and conclusions of this Report.