

Essais d'évaluation et de routine dans les services d'imagerie médicale –

Partie 3-5: Essais d'acceptation - Performance d'imagerie des équipements de tomodensitométrie à rayonnement X

Evaluation and routine testing in medical imaging departments –

Part 3-5: Acceptance tests – Imaging performance of computed tomography X-ray equipment

CORRIGENDUM 1

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F.4 Evaluation des données avec le DISPOSITIF D'ESSAI alternatif «mire à barres parallèles»

Remplacer l'équation existante:

$$FTM = \frac{M_o}{M_i} = \frac{\pi}{\sqrt{2}} \times \frac{\sqrt{M_{mire} - N_{fond}}}{|CT_{matériaux} - CT_{eau}|}$$

par la nouvelle équation suivante:

$$FTM = \frac{M_o}{M_i} = \frac{\pi}{\sqrt{2}} \times \frac{\sqrt{M_{mire}^2 - N_{fond}^2}}{|CT_{matériaux} - CT_{eau}|}$$

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F.4 Data evaluation with the alternate TEST DEVICE “bar pattern”

Replace the existing equation:

$$MTF = \frac{M_o}{M_i} = \frac{\pi}{\sqrt{2}} \times \frac{\sqrt{M_{pattern} - N_{background}}}{|CT_{material} - CT_{water}|}$$

with the following new equation:

$$MTF = \frac{M_o}{M_i} = \frac{\pi}{\sqrt{2}} \times \frac{\sqrt{M_{pattern}^2 - N_{background}^2}}{|CT_{material} - CT_{water}|}$$

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Bibliographie

Au lieu de :

[8] JUDY, P. F. The line spread function and modulation transfer function of a computed tomographic scanner. *J Comput Assist Tomogr* 3, 1976, p.189-195.

lire:

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Bibliography

Instead of:

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read:

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