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Same configuration with the test object instead of the ionisation chamber





· Ionisation chamber not completely inside the field size.

· Volume of Ionisation chamber affected by the weight of Cu sheets.

• Part of the field is not covered by the Cu sheet (direct irradiation of the image receptor, different AEC setting).

•Image in motion with Iodine contrast is QC equipment evaluated with a Pb (resolution grate) static image phantom .

Constancy test

Initial Characterisation



Maximum dose rate at the entranc e d the patient (highest skin dose in the worst conditions):

2 mm Pb (or a folded leaded apron) Tube as close as possible to the table.

Highest dose rate in fluoroscopy mode and image adquisition mode QC equipment
Maximum magnification available ✓ Image receptor as far as possible from the table.





Quality control in IR ✓ Control of the equipment : > Constancy tests

- Initial characterization.
- ✓ Patient dose
- ✓ Staff dose



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T my dy ten	Emage intensifier Stemat (card)	Placececopy nue de	Dere Rate (mOphain)
Philippe Integrine 18, 3000	21	Low	8.7
		Ministrates	18.8
		H ah	14
Philes EV301-	20	Formal	1.2
		Huth	3.6
Philips Optimus 208	23	Normal	24.0
Toshiba D772018	24.5	Lew	3.7
		Medium	11.9
		High	: 54.9
General Polyskows 100	20	Formal	21.3
Toshiba KIRO-lika	34.5	Defailt	21.5
Philips BV308	20	Normal	1.9
		High	214
Philips Deark agent	- 28	Normal	27.2
OE Advatci	20	Law	18.2
		Medium.	21.9
		High	46.5
OS Advato 3	21	Lew	47
		Medicals	16.0
		11.01	18.4
Phillips Allary	31	LOw	4.1
		Medium	18.9
		1808	22.6

INITIAL CHARACTERISATION OF THE SYSTEM. EXAMPLES.



Variation of the entrance surface air learna with the Seld size in different fluoroscopy modes

riation of the entrance surface air kerna with PWIVA thickness in different fluoroscopy modes.

Entrance surface air kerma in different PMWA thickness and field sizes