

Il ruolo del Fisico Medico in Radiodiagnostica

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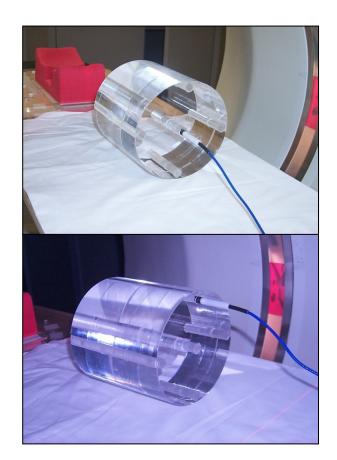
	Istituto Europeo di Oncologia	Centro Cardiologico Monzino
Tomografia Computerizzata	3 (1 in arrivo)	2
Mammografi	5 (3 con tomosintesi)	\
Radiologia convenzionale	2 fissi + 4 portatili + 5 C-arm	2 fissi + 2 portatili
Angiografi	(1 in arrivo)	6
Risonanza magnetica	3 (2 da 1.5 T, 1 da 3 T)	1 (1.5 T)
Laser medicali	7	1

















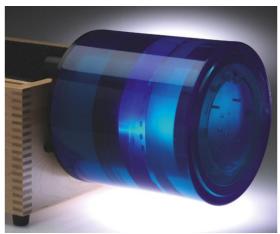




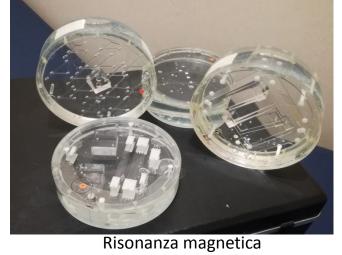








Tomografia computerizzata





Radiologia proiettiva

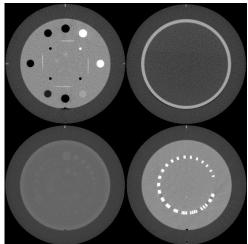


Ecografia

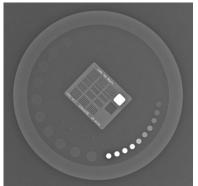


Mammografia

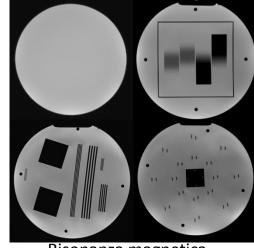




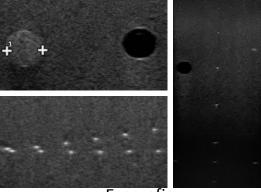
Tomografia computerizzata



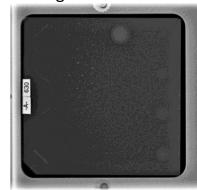
Radiologia proiettiva



Risonanza magnetica

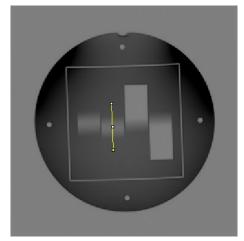


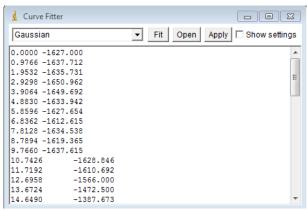
Ecografia

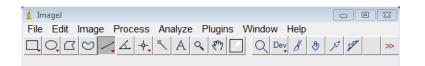


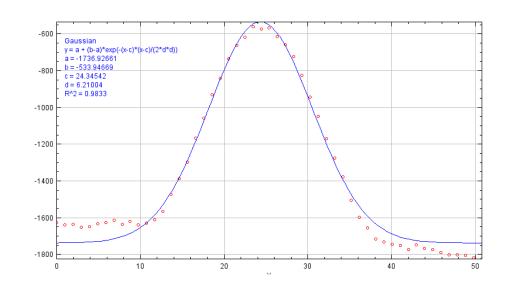
Mammografia





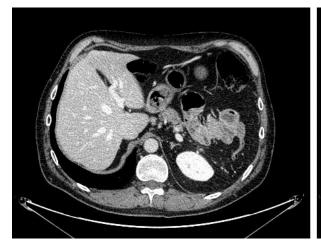








Ottimizzazione

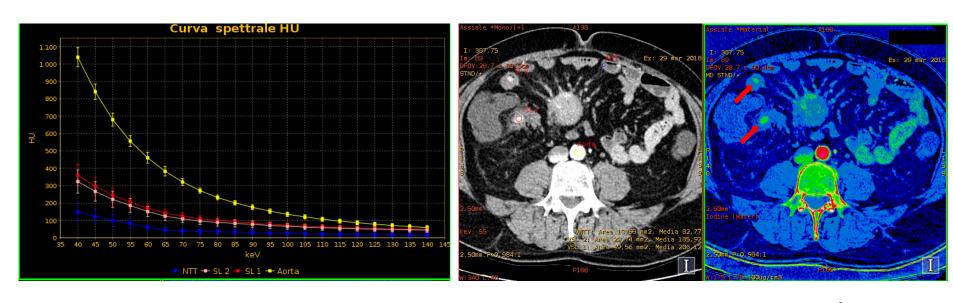








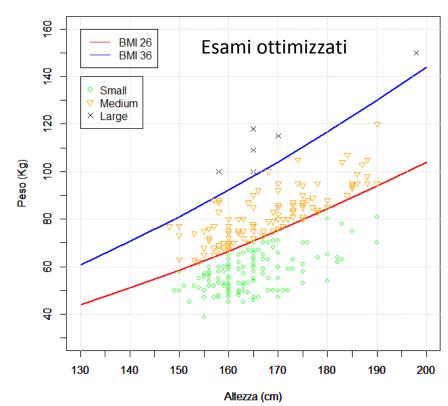
Ottimizzazione

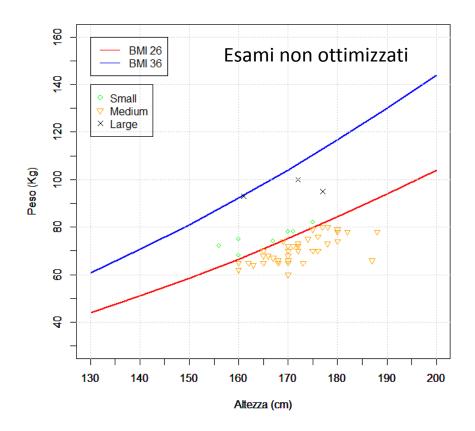


Courtesy of Dr. Luigi Funicelli – I.E.O.



Ottimizzazione





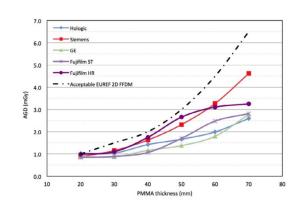


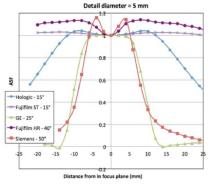
Ricerca

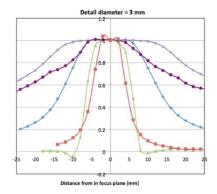
Original paper

Digital breast tomosynthesis: Dose and image quality assessment

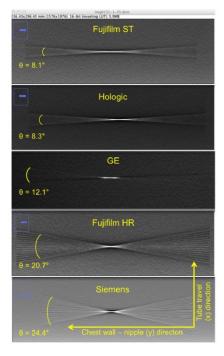
A. Maldera a,c,*, P. De Marco b,c, P.E. Colombo a, D. Origgi b, A. Torresin a











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Ricerca

Exposure to low dose computed tomography for lung cancer screening and risk of cancer: secondary analysis of trial data and risk-benefit analysis

Cristiano Rampinelli,¹ Paolo De Marco,² Daniela Origgi,³ Patrick Maisonneuve,⁴ Monica Casiraghi,⁵

Giulia Veronesi, 5,6 Lorenzo Spaggiari, 5,7 Massimo Bellomi 1,7

Participant age and sex at start of screening	No of participants	No of lung cancers detected	No of estimated radiation induced lung cancers (LAR/10000)	No of estimated radiation induced major cancers* (LAR/10000)	
50-54					
Male	1153	35 (1 in 33)	0.24 (2.1)	0.43 (3.7)	
Female	606	19 (1 in 32)	0.33 (5.5)	0.49 (8.1)	
55-59					
Male	1114	56 (1 in 20)	0.21 (1.9)	0.38 (3.4)	
Female	611	31 (1 in 20)	0.31 (5.1)	0.44 (7.2)	
60-64					
Male	716	54 (1 in 13)	0.12 (1.7)	0.22 (3.0)	
Female	345	13 (1 in 27)	0.16 (4.5)	0.21 (6.2)	
≥65					
Male	456	41 (1 in 11)	0.07 (1.4)	0.12 (2.6)	
Female	202	10 (1 in 20)	0.08 (3.8)	0.10 (5.1)	
All ages, both sexes	5203	259 detected	1.5 induced	2.4 induced	
LAR=lifetime attributable risk. *Cumulative LAR for cancers of the stomach, colon, liver, lung, bladder, thyroid, breast, ovaries, uterus, or leukaemia.					

