



# Winston-Lutz Analysis

## Metadata:

Autor: William A. P. dos Santos

Função: Físico

Acelerador Linear: Synergy Full

Modelo MLC: Agility

## Winston-Lutz Analysis

Number of images: 8

Maximum 2D CAX->BB distance: 0.97mm

Median 2D CAX->BB distance: 0.49mm

Shift to iso: facing gantry, move BB: RIGHT 0.24mm; OUT 0.04mm; UP 0.35mm

Gantry 3D isocenter diameter: 1.08mm (4/8 images considered)

Maximum Gantry RMS deviation (mm): 0.97mm

Maximum EPID RMS deviation (mm): 2.72mm

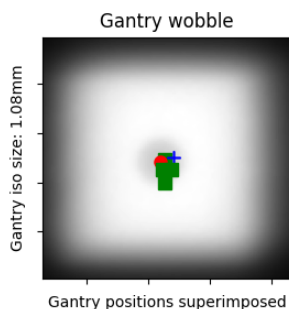
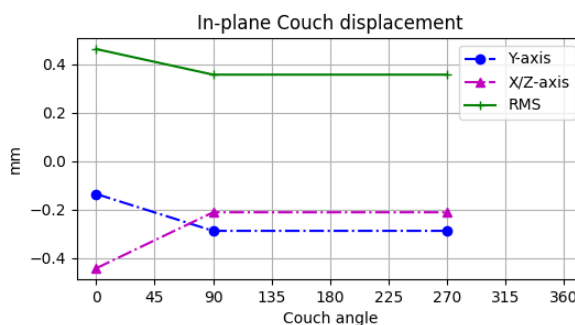
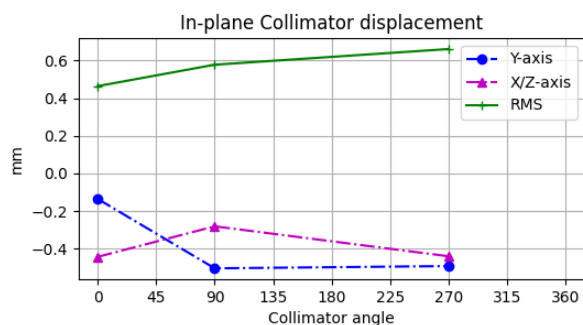
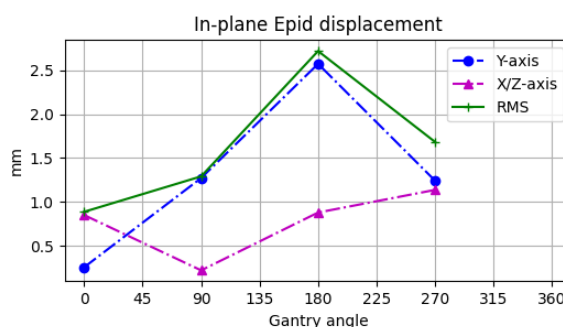
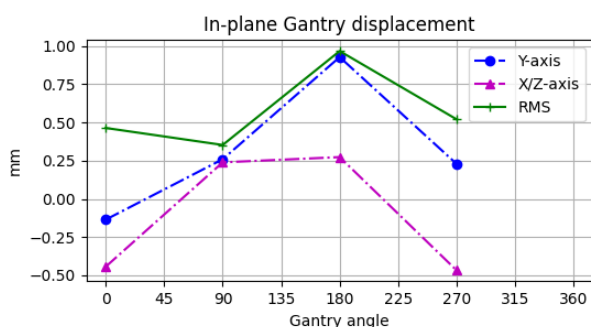
Gantry+Collimator 3D isocenter diameter: 1.43mm (6/8 images considered)

Collimator 2D isocenter diameter: 0.40mm (3/8 images considered)

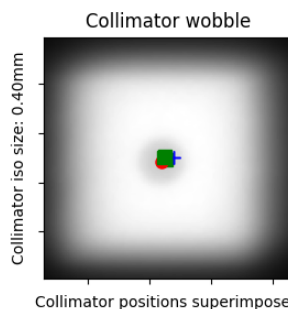
Maximum Collimator RMS deviation (mm): 0.66

Couch 2D isocenter diameter: 0.28mm (3/8 images considered)

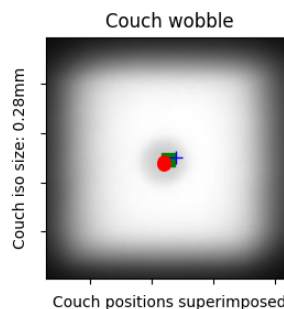
Maximum Couch RMS deviation (mm): 0.36



Gantry positions superimposed



Collimator positions superimposed



Couch positions superimposed

## Notes:

Análise de Winston-Lutz com pylinac

Campo 2 cm X 2 cm

Tolerância: 1 mm

Limite de ação: 0.8 mm

Local das imagens: ./WL\_IOSP\_20201216\WL\_2020-09-25\_analisado



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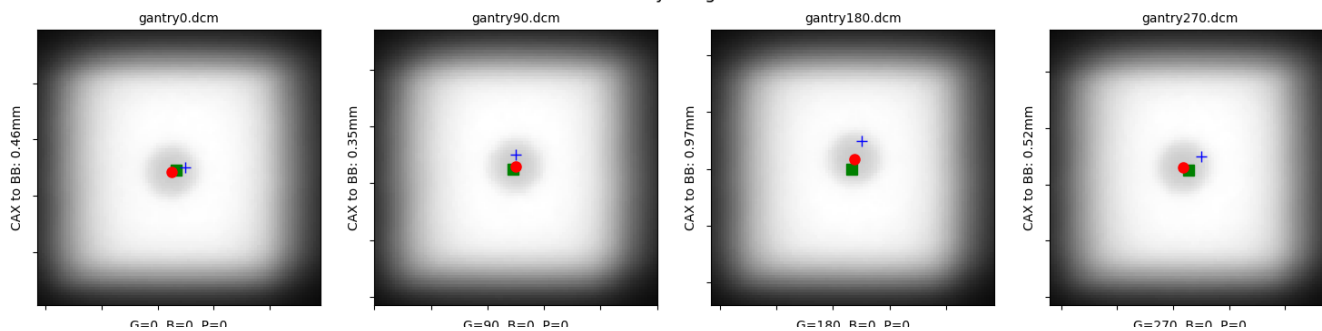
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Gantry images





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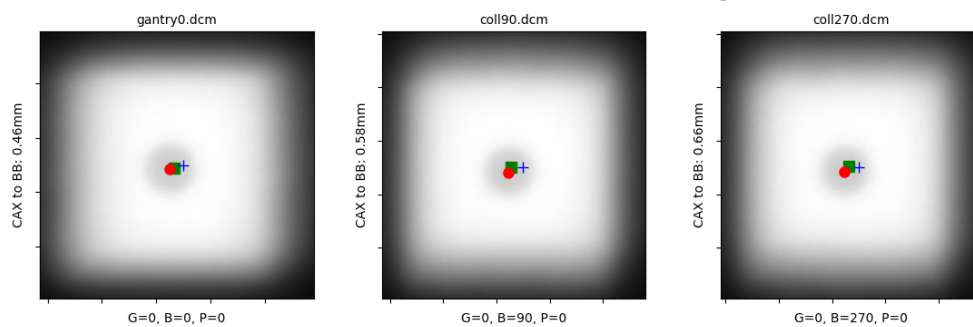
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