



# 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: 0.88mm

Median 2D CAX->BB distance: 0.46mm

Shift to iso: facing gantry, move BB: LEFT 0.07mm; IN 0.20mm; UP 0.25mm

Gantry 3D isocenter diameter: 1.19mm (4/8 images considered)

Maximum Gantry RMS deviation (mm): 0.67mm

Maximum EPID RMS deviation (mm): 2.86mm

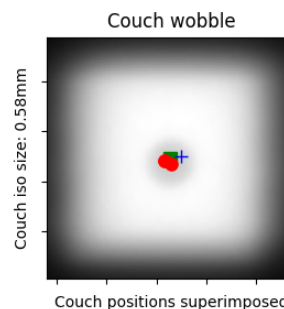
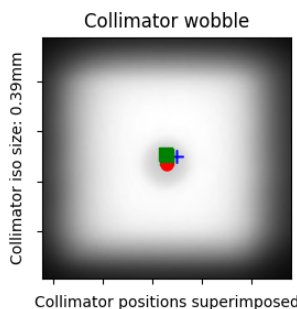
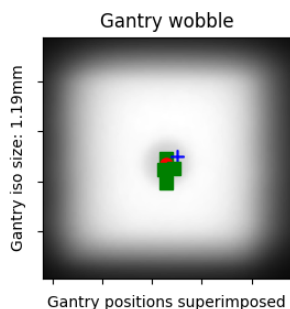
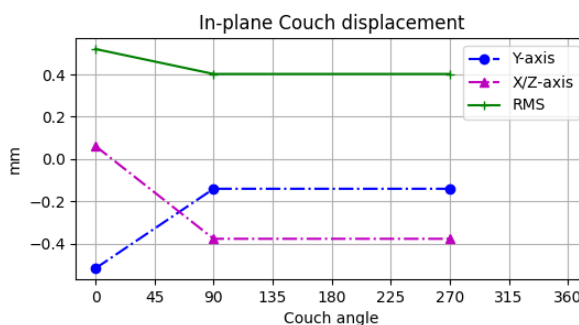
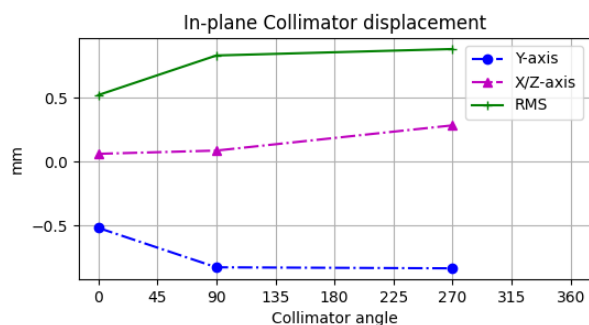
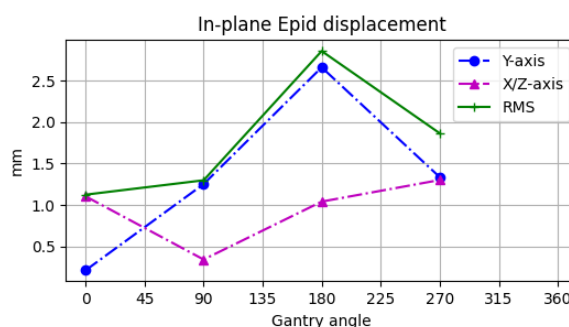
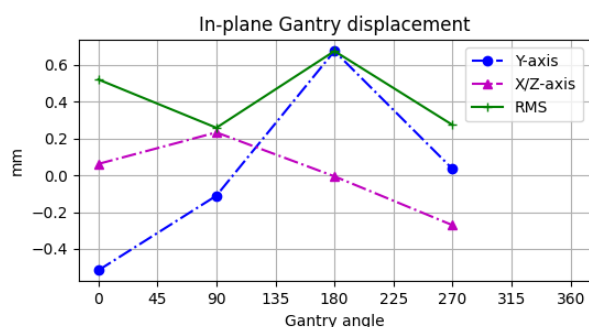
Gantry+Collimator 3D isocenter diameter: 1.53mm (6/8 images considered)

Collimator 2D isocenter diameter: 0.39mm (3/8 images considered)

Maximum Collimator RMS deviation (mm): 0.88

Couch 2D isocenter diameter: 0.58mm (3/8 images considered)

Maximum Couch RMS deviation (mm): 0.40



## 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\_2020-09-24\_analisado

Gantry positions superimposed

Collimator positions superimposed

Couch positions superimposed



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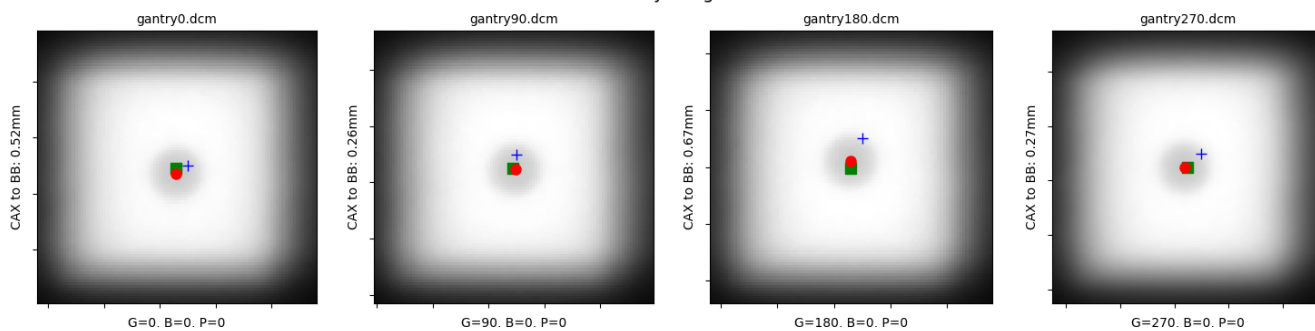
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Gantry images





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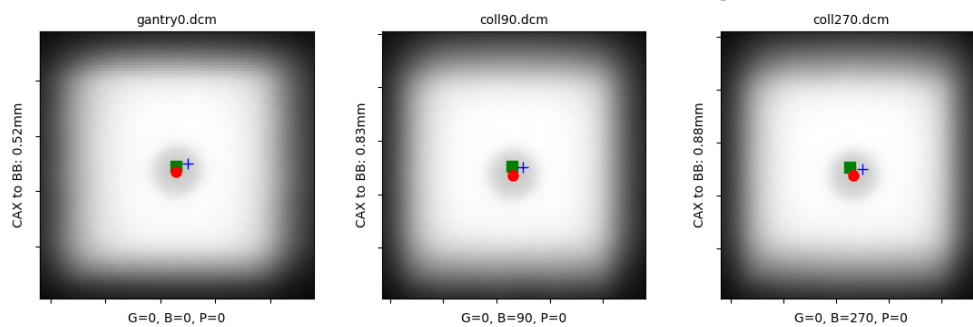
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Collimator images





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