Winston-Lutz Analysis

Metadata: Winston-Lutz Analysis
Autor: William A. P. dos Santos ================================
Função: Físico   Number of images: 7
Acelerador Linear: Synergy Full Maximum 2D CAX->BB distance: 1.07mm
Modelo MLC: Agility   Median 2D CAX->BB distance: 0.78mm
Shift to iso: facing gantry, move BB: RIGHT 0.41mm; IN 0.28mm; DOWN 0.35mm
Gantry 3D isocenter diameter: 1.33mm (4/7 images considered)
Maximum Gantry RMS deviation (mm): 0.63mm
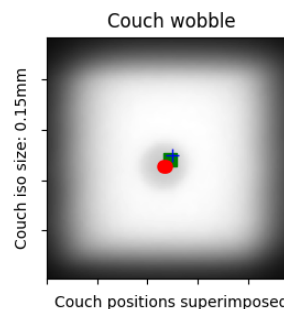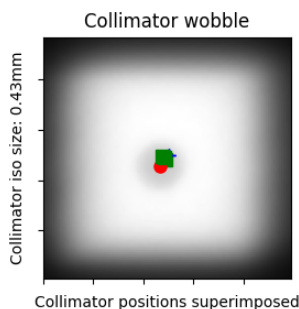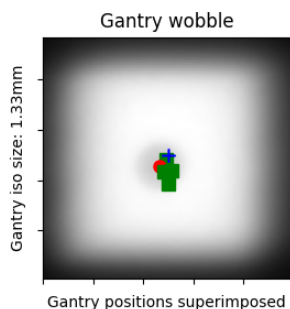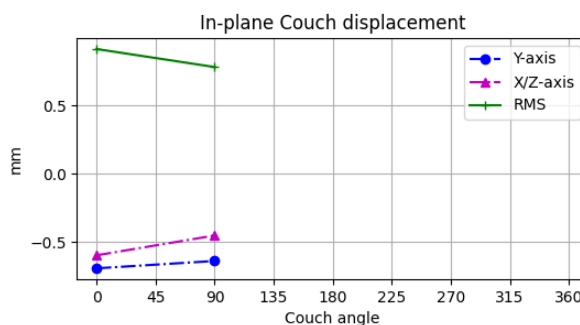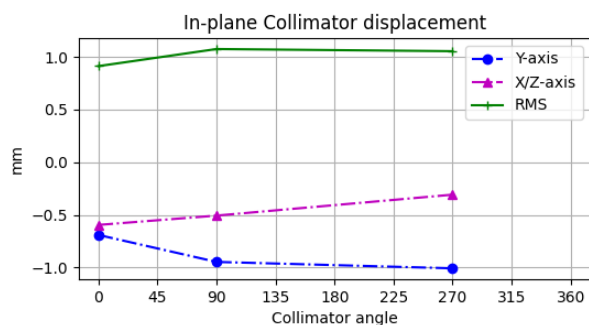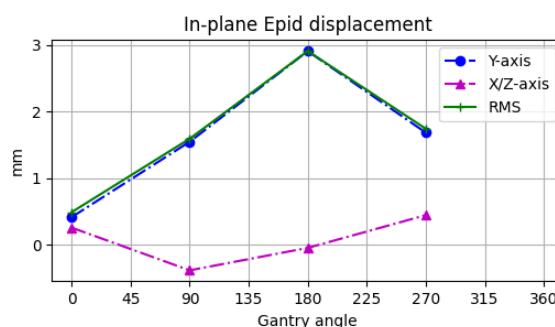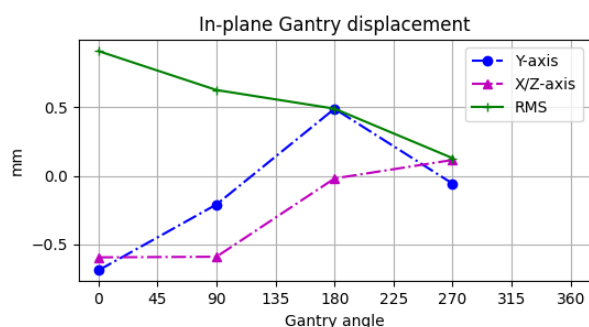Maximum EPID RMS deviation (mm): 2.90mm
Gantry+Collimator 3D isocenter diameter: 1.55mm (6/7 images considered)
Collimator 2D isocenter diameter: 0.43mm (3/7 images considered)
Maximum Collimator RMS deviation (mm): 1.07
Couch 2D isocenter diameter: 0.15mm (2/7 images considered)
Maximum Couch RMS deviation (mm): 0.00

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\WL_2020-07-01_analisado

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Gantry images
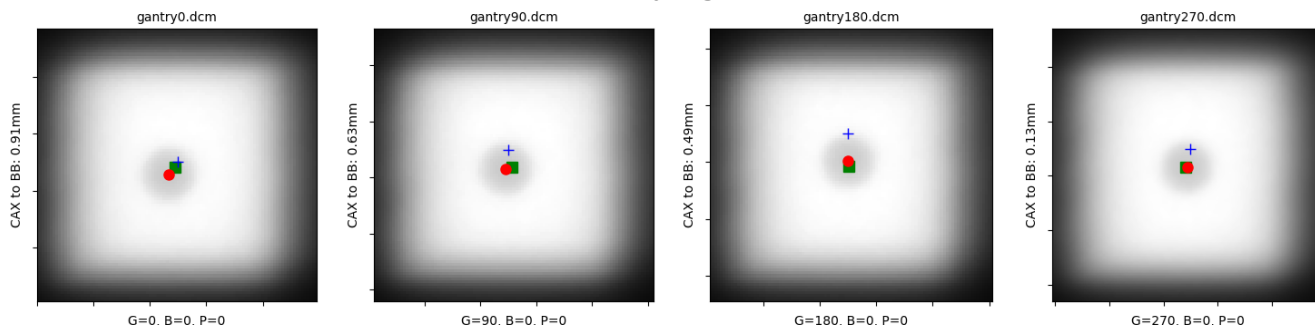
gantry0.dcm

CAX to BB: 0.91mm

G=0. B=0. P=0

gantry90.dcm

CAX to BB: 0.63mm

G=90. B=0. P=0

gantry180.dcm

CAX to BB: 0.49mm

G=180. B=0. P=0

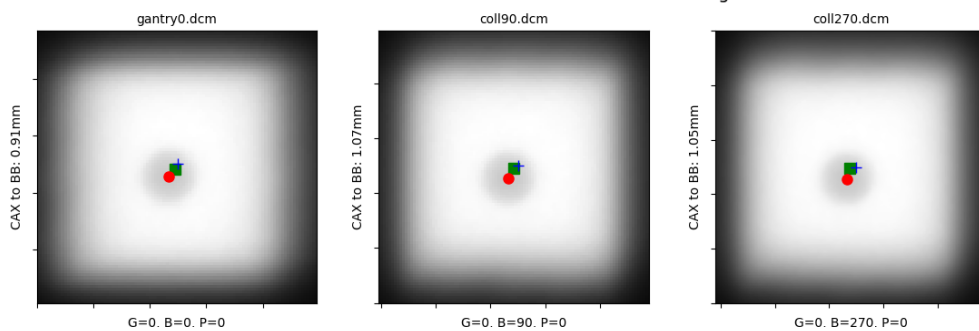gantry270.dcm

CAX to BB: 0.13mm

G=270. B=0. P=0

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Collimator images

gantry0.dcm	coll90.dcm	coll270.dcm
CAX to BB: 0.91mm	CAX to BB: 1.07mm	CAX to BB: 1.05mm
G=0. B=0. P=0	G=0. B=90. P=0	G=0. B=270. P=0

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Couch images

gantry0.dcm

CAX to BB: 0.91mm

G=0 B=0 P=0

couch90.dcm

CAX to BB: 0.78mm

G=0 B=0 P=90