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: 1.32mm
Median 2D CAX->BB distance: 0.67mm
Shift to iso: facing gantry, move BB: RIGHT 0.35mm; IN 0.23mm; DOWN 0.35mm
Gantry 3D isocenter diameter: 1.09mm (4/8 images considered)
Maximum Gantry RMS deviation (mm): 0.62mm
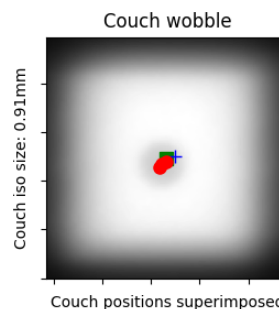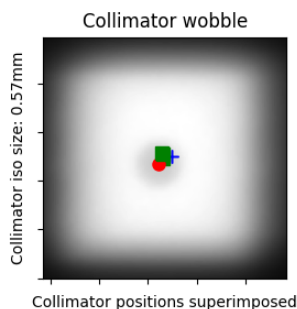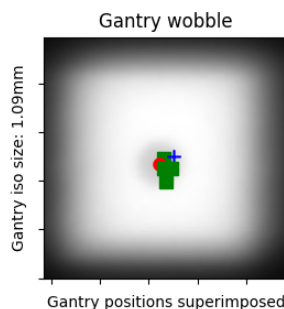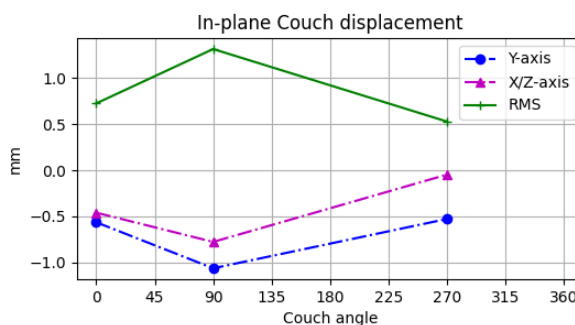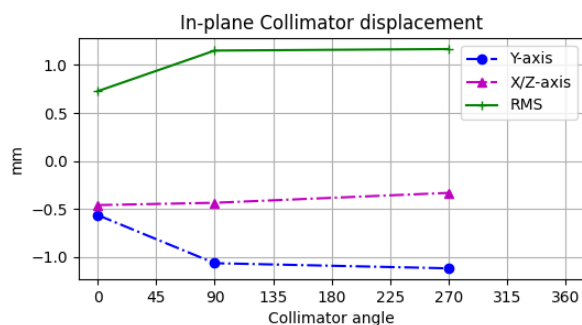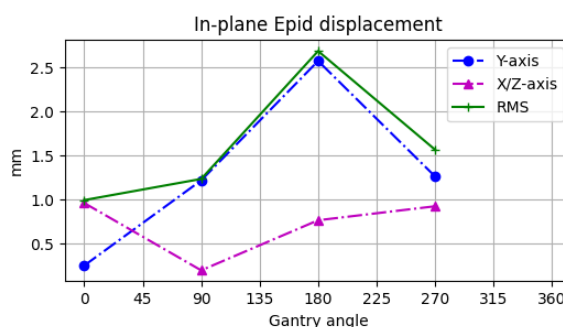Maximum EPID RMS deviation (mm): 2.69mm
Gantry+Collimator 3D isocenter diameter: 1.64mm (6/8 images considered)
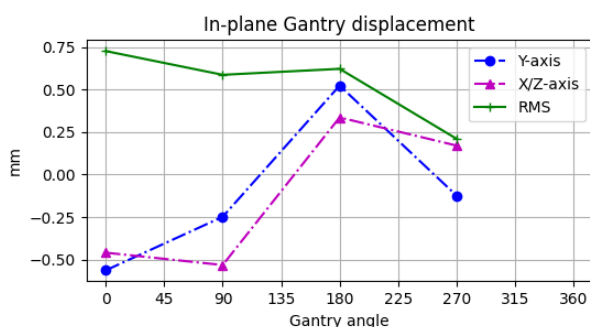Collimator 2D isocenter diameter: 0.57mm (3/8 images considered)
Maximum Collimator RMS deviation (mm): 1.17
Couch 2D isocenter diameter: 0.91mm (3/8 images considered)
Maximum Couch RMS deviation (mm): 1.32

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_2020-08-03_analisado

Winston-Lutz Analysis

Metadata:
Autor: William A. P. dos Santos
Função: Físico
Acelerador Linear: Synergy Full
Modelo MLC: Agility

Gantry images
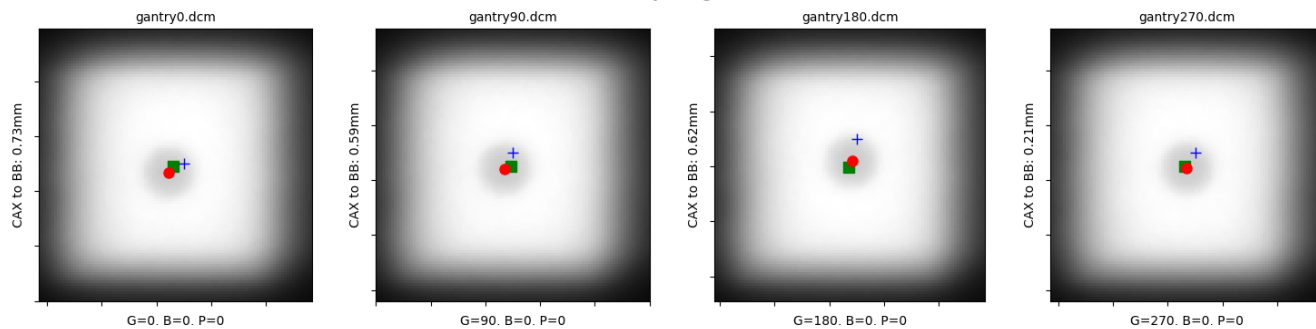
gantry0.dcm	gantry90.dcm	gantry180.dcm	gantry270.dcm
CAX to BB: 0.73mm	CAX to BB: 0.59mm	CAX to BB: 0.62mm	CAX to BB: 0.21mm
G=0. B=0. P=0	G=90. B=0. P=0	G=180. B=0. P=0	G=270. B=0. P=0

Winston-Lutz Analysis

Metadata:
Autor: William A. P. dos Santos
Função: Físico
Acelerador Linear: Synergy Full
Modelo MLC: Agility

Collimator images

gantry0.dcm — CAX to BB: 0.73mm — G=0, B=0, P=0

coll90.dcm — CAX to BB: 1.15mm — G=0, B=90, P=0

coll270.dcm — CAX to BB: 1.17mm — G=0, B=270, P=0

Winston-Lutz Analysis

Metadata:
Autor: William A. P. dos Santos
Função: Físico
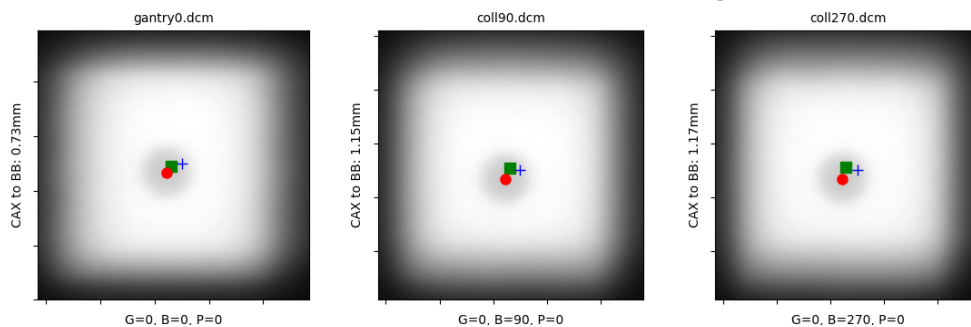Acelerador Linear: Synergy Full
Modelo MLC: Agility

Couch images

gantry0.dcm

couch90.dcm

couch270.dcm

CAX to BB: 0.73mm

CAX to BB: 1.32mm

CAX to BB: 0.53mm

G=0 B=0 P=0

G=0 B=0 P=90

G=0 B=0 P=270