Purpose: Varian’s TureBeam linear accelerator delivers respiratory gated RapidArc treatment by beam-hold until at right gantry position/speed and gated window. The current study evaluated the impact of beam-hold interruption to gated RapidArc dose delivery. Method and Materials: Two delivery modes were examined: (1) Flattening Filter Free (FFF) mode with maximum dose rate of 2400 MU/min (2) standard delivery mode with maximum dose rate of 600 MU/min. An 1 arc plan for SBRT lung cancer in FFF mode (12 Gy/fraction) and a 2 arc plan for pancreatic cancer (1.8 Gy/fraction) were delivered to a phantom. Dosimetric differences between the gated and non-gated deliveries were compared using film and ion chamber. Beam-hold interruptions were tested for respiratory rate of 12, 15, 20, 30 cycle/min with a gating threshold of 33.3% duty cycle. Results: Beam-hold interruption number ranged from 44 for the 1 arc plan at 12 cycle/min to 349 for the 2 arc plan at 30 cycle/min. 2 arc plan delivery time increased from 104 seconds for non-gated to 768 seconds for gated at 30 cycle/min. Beam-hold number increased more than twice when respiratory rate increased from 20 to 30 cycle/min. The difference between the gated and non-gated ion chamber measurements was within 0.16% for 1 arc delivery in FFF mode and within 0.24% for 2 arc plan in standard mode. The difference between the gated and non-gated film measurements ranged in 0.01% pixels for > 3%/3mm (0.03-0.46 for 2%/2mm) for 1 arc in FFF mode, and in 0.96-2.15% pixels for > 3%/3mm (6.03-12.65 for 2%/2mm) for 2 arc delivery in standard mode. There were no clear association between number of beam-hold and dosimetric differences. Conclusion: In clinical respiratory rate range, gated RapidArc deliveries were in agreement with non-gated RapidArc deliveries in both FFF mode and standard mode.