

Literature Review

On The Advantages of 4D Cone beam CT and reducing streaking artifacts

- (1) Lu J, Gerrero TM, Munro P, Jeung A, Chi PC, Balter P, Zhu XR, Mohan R, Pan T. "Four-dimensional cone beam CT with adaptive gantry rotation and adaptive data sampling." *Medical Physics* 2007 Vol 34 Iss 9 pg 3520-9 (keywords: CT, cone beam CT, 4D-CBCT, respiratory motion)
- (2) Leng S, Zambelli J, Tolakanahalli R, Nett B, Munro P, Star-Lack J, Paliwal B, Chen GH. "Streaking artifacts reduction in four-dimensional cone-beam computed tomography." *Medical Physics* 2008 Vol 35, Iss 10, pg 4649-59 (keywords: cone-beam CT, image-guided radiation therapy)
- (3) Li T, Xing L, Munro P, McGuinness C, Chao M, Yang Y, Loo B, Koong A. "Four-dimensional cone-beam computed tomography using an on-board imager." *Medical Physics* 2006 Vol 33, Iss 10, pg 3825-33 (keywords: cone-beam, 4D CT, on-board imager, IGRT, organ motion)
- (4) Sonke JJ, Lebesque J, van Herk M. "Variability of four-dimensional computed tomography patient models." *International Journal of Radiation Oncology, Biology, and Physics* 2008 Vol 70, Iss 2, pg 590-8 (keywords: respiratory motion, geometric uncertainties, four-dimensional imaging, cone-beam CT, image-guided RT)
- (5) Leng S, Tang J, Zambelli J, Nett B, Tolakanahalli R, Chen GH. "High temporal resolution and streak-free four-dimensional cone-beam computed tomography." *Physics in Medicine and Biology* 2008 Vol 53, Iss 20, pg 5653-73 (keywords: