**References:**

Browne, J. E., Bruesewitz, M. R., Vrieze, T. J., McCollough, C. H., & Yu, L. (2019). Technical note: Increased photon starvation artifacts at low helical pitch in ultra-low-dose CT. Medical Physics, 46(12), 5538-5543. doi:https://doi.org/10.1002/mp.13845

Lim, H. K., Ha, H. I., Hwang, H. J., & Lee, K. (2019). High-pitch, 120 kVp/30 mAs, low-dose dual-source chest CT with iterative reconstruction: Prospective evaluation of radiation dose reduction and image quality compared with those of standard-pitch low-dose chest CT in healthy adult volunteers. Plos One, 14(1), e0211097. Retrieved from https://doi.org/10.1371/journal.pone.0211097

Long, B. W., Rollins, J. H., & Smith, B. J. (2019). *Merrill's Atlas of Radiographic Positioning & Procedures* (14th ed., Vol. 3). St. Louis, MO: Elsevier.

Meijer, A., Rozema, R., Hartman, R., van der Duim, S., van Minnen, B., Krijnen, W. P., & de Groot, M. (2016). Substantial CT radiation dose reduction does not affect the preference for CT over direct digital radiography to diagnose isolated zygomatic fractures – A study in human cadavers. Radiography, 22(4), e228-e232. doi:https://doi-org.misericordia.idm.oclc.org/10.1016/j.radi.2016.07.007

Parker, M. S., Groves, R. C., & Kusmirek, J. E. (2017). Lung cancer screening. New York: Thieme Medical Publishers, Incorporated. Retrieved from http://ebookcentral.proquest.com/lib/misericordia-ebooks/detail.action?docID=5341376

Rehani, M. M., Szczykutowicz, T. P., & Zaidi, H. (2020). CT is still not a low-dose imaging modality. Medical Physics, 47(2), 293-296. doi:https://doi.org/10.1002/mp.14000

Solomon, J., Marin, D., Roy Choudhury, K., Patel, B., & Samei, E. (2017). Effect of radiation dose reduction and reconstruction algorithm on image noise, contrast, resolution, and detectability of subtle hypoattenuating liver lesions at multidetector CT: Filtered back projection versus a commercial model–based iterative reconstruction algorithm. Radiology, 284(3), 777-787. doi:10.1148/radiol.2017161736

Single source scanner. Image. Bardo, D., & Brown, P. (2008). Cardiac multidetector computed tomography: Basic physics of image acquisition and clinical applications. Current Cardiology Reviews, 4, 231-43. doi:10.2174/157340308785160615

Dual source scanner. Image. Flohr, T., McCollough, C., Bruder, H., Petersilka, M., Gruber, K., Suess, C., . . . Ohnesorge, B. (2006). First performance evaluation of a dual-source CT (DSCT) system. European Radiology, 16, 256-68. doi:10.1007/s00330-005-2919-2

Image gently. Picture. Retrieved Dec 1, 2021 From http://media.mycrowdwisdom.com.s3.amazonaws.com/asrt/courses/Image%20Gently\_1/index.html