

Discussion photons

4 minutes on each item

- Discuss the main interaction types between photons and matter; their similarities/dissimilarities and importance.
- Discuss photoelectrons and Compton electrons – how do you think they contribute to locally (or regionally) deposited energy? In other words, how far from the Compton site will they interact in matter (relatively speaking).
- Discuss how the mean photon energy of a monoenergetic γ beam changes as a function of depth. Does this change with beam geometry (broad vs narrow)?