***Module overview***

“In contrast to a cohort study, in which exposed and unexposed individuals are compared with regard to the disease incidence (or some other mean value for the outcome), a case-control study compares cases (usually diseased individuals) and controls (e.g., nondiseased individuals) with respect to their level of exposure to a suspected risk factor.”

* Szklo, Moyses, Nieto, F. Javier. Epidemiology (p. 24).

***Module topics / Key Concepts***

* Discussion of appropriate measures of disease occurrence and measures of association

***Required videos***

Please view the following presentations **before** Monday, April 27th, 2020:

* Case-control Studies II (Lee, 2020): [Video](https://uthvideo.uth.tmc.edu/Panopto/Pages/Viewer.aspx?id=85c75d49-86d9-4d48-bf09-ab0200de2f0b) | [PowerPoint](https://www.dropbox.com/s/6xgh2asneh47umz/Case-control%20Studies%20II.pptx?dl=0)

***Required Readings***

Please view the following presentations **before** our next in-class lab session:

* Szklo, M., & Nieto, F. J. (2019). *Epidemiology: Beyond the Basics*. Burlington: Jones & Bartlett Learning.
  + Szklo & Nieto: Chapter 1, Sections 1.4.2 & 1.4.5, pages 24-32 & 35-41
  + Szklo & Nieto: Chapter 3, Secion 3.4, pages 103-118
  + Szklo & Nieto: Chapter 6, part 6.4 & 6.5 (p.223-232)
  + Szklo & Nieto: Chapter 7, part 7.3.3, 7.3.4 (p.273-279), & 7.4 (p.279-316
* Pearl J., & Mackenzie D. (2018). *The Book of Why: The New Science of Cause and Effect*. Basic Books.
  + Chapter 9. Mediation: The Search for a Mechanism

***Optional supplemental material***

* None

***Assignments***

1. Check on learning quiz
2. Lab
3. Module quiz