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Daily life of Clinicians Has Changed



Considerations for How to Prepare Clinicians

Clinician Scientist

- Logical, systematic and objective process of evaluating a problem or question.
- Employed in every aspect of practice
- Recognizes value of case studies as part of the larger population

Research Culture

- **Values** scientific inquiry and rigor
- Positive **attitude** toward research and researchers
- Establishes the expectation that all clinicians engage in the scientific method for best practice

Thorne FC. *Am Psychol* 1947.

Kothari CR. *Research methodology: Methods and techniques*. New Age International; 2004.

Shapiro s D. *Renewing the scientist-practitioner model*. Psychologist-Leicester 2002.

Jones ML, Cifu DX, Backus D, Sisto SA. *Arch phys med rehab* 2013.

Gawlinski A. *American Journal of Critical Care* 2008.

Frontera et al. *J Neuroengineering and Rehabilitation*. 2006.