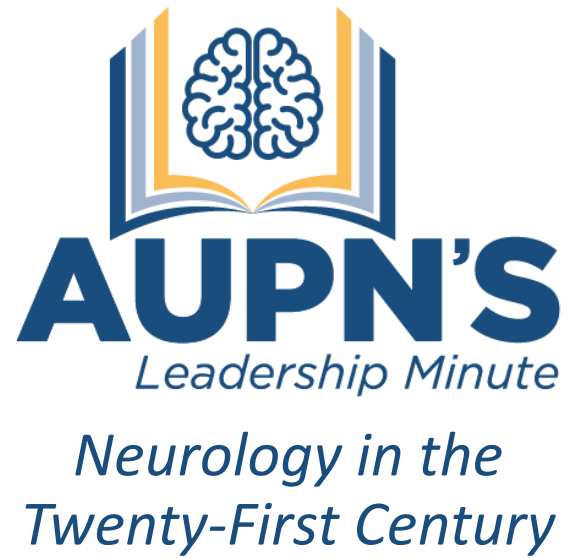




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Episode Description

- The Question:

“What training and skills are necessary to be a neurologist in the twenty-first century ?”

- Because of significant advancements in science and technology, the practice of neurology is rapidly changing.
 - Factors: comprehensive education, technological proficiency, research engagement, and collaboration.
 - The goal is multidisciplinary and patient-centered care.
- If neurologists maintain knowledge and competence in these areas, patient care and personal satisfaction will improve.

Neurology in the Twenty-First Century

“Prediction is very difficult, especially about the future.”

- Niels Bohr

- What we know

- Neuroscience (basic and clinical) has rapidly advanced
- Few could have predicted advances and changes
 - In science and as well as healthcare delivery

- Question

- What skills will be needed and how do we implement prevention?

Neurology Education in the Twenty-First Century

- Foundational is the mastery of traditional clinical skills
- Understanding of existing and evolving technologies
 - Result? 90% of neurologist are pursuing fellowships
- Required?
 - Education must focus on how to learn and think critically
 - Learn strategies for coping with stress and the inherent burdens
 - Balance is needed to thrive throughout their entire career

Neurology in the Twenty-First Century

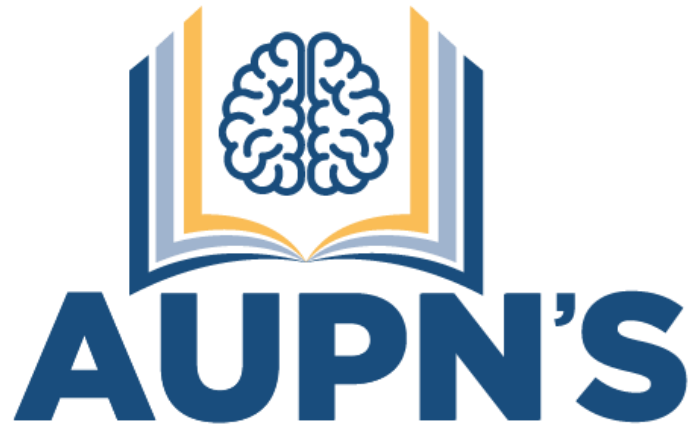
- Technological Proficiency
 - From the EHR to diagnostic tools and the rapidly expanding impact of genetic testing.
- Continuous Education and Research Engagement
 - Given the rapid trajectory of science-education is essential
 - While not all are involved in trials, all must stay updated
 - Value of involvement- methodology
 - Lessons from Oncology- multidisciplinary consortia

Neurology in the Twenty-First Century

- Brain Health and Public Health (Intimately linked)
 - Impact of early life –even prenatal- on all stages of life and aging
 - *Principal care* providers
 - Awareness of socioeconomic and environmental factors
- Collaboration and Multidisciplinary teams
- Personalized and Patient centered care

In Sum

We are in exciting times-



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