Francis Xavier Dercum
1858-1920

- Born in Philadelphia
- U of Penn Med School 1877, PHD 1878
- Priv practice & also demonstrator at U Penn in histology /physiology.
- Published on sensory organs, semicircular canals 1878/9
- Prof of Nervous Disease Jefferson Med College 1872
- Chair of Nervous Disease, U Penn 1884
- Philadelphia General Hospital staff
- President of ANA 1896
- Late in life focused on psychiatry & endocrinology
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Major Neurological Contribution-1895

- *A Textbook on Nervous Diseases by American Authors-1895*
- Contributors:
  - F.X. Dercum – Phil (6 chapters)
    - General Considerations
    - Neuorasthenia
    - Arrested Development, Malformations
    - Diseases of the Membranes, Sinuses, and Brain Tissue
    - Cerebral Palsies of Childhood
    - Paretic Dementia
  - S Weir Mitchell- Phil Infirmary Nerv Dis (1)
    - General Considerations
  - William Osler – Balt, Johns Hopkins (1)
    - Diseases the Direct or Indirect result of Infection
  - Charles Dana - NY, Bellevue Hosp (1)
    - Hemorrhage, Embolism, and Thrombosis
  - M. Allen Starr-NY Columbia (1)
    - Tumors
  - W.W. Keen- Phil, Infirmary Nerv Dis (1)
    - Surgery of the Brain, Spinal cord, and nerves
  - Charles Mills- Phil Phil Hosp (1)
    - The Anatomy of the Cerebral Cortex and the Localization of its Function
  - Frederick Peterson- NY, Columbia (3)
    - Bulbar Palsy
    - Multiple Cerebro-Spinal Sclerosis
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Major Neurological Contribution

- Continual;
  - Christain Herter- NY, Polyclinic (2)
    - Diseases of the Cranial Nerves
    - Diseases of the Spinal Nerves and Their Plexuses
  - Joseph Collins- NY (1)
    - The Tropho-Neuroses
  - Wharton Sinkler-Phil, Infirmary Nerv Dis (1)
    - Choreiform Affections
  - Phillip Coombs Knapp-Boston, Harvard, Boston City Hospital (1)
    - Nervous Affections Following Railway and Allied Injuries
  - Landon Carter Gray- NY, Polyclinic (3)
    - Functional Tremors
    - Epilepsy
    - Paralysis Agitans
  - Morton Prince-Boston, Harvard, Boston City Hosp (1)
    - General Affections
  - James Hendrie Lloyd- Phil, Phil Hosp (1)
    - Hysteria
  - C.W. Burr Phil (1)
    - Local Spasm. Occupation-Spasm
  - George Jacoby-German Hosp (2)
    - Diseases of the Muscles
    - Neuro-electrotherapeutics
  - James C Wilson, Phil (1)
  - James E. de Schweinitz , Phil (1)
    - Symptomatic Disorders
    - Disease of the Cranial Nerves
Weir Mitchell's knee-jerk meter.

J. Madison Taylor's hammer for examining muscle and tendon reflexes. The hammer is made of rubber, while the handle consists of a piece of iron-steel.

Hand dynamometer.

Krauss' foot and leg dynamometer.

Carroll's aesthesiometer.

| Tip of tongue | 1.1 |
| Tip of nose | 8.8 |
| Under the chin | 33.8 |
| Eyelid | 11.3 |
| Forehead | 22.6 |
| Occiput | 27.1 |
| Vertex | 23.8 |
| Third phalanx of finger, volar surface | 2.4 |
| Second | 4.4 |
| First | 5.4 |
| Third " " dorsal | 6.8 |
| Second | 11.3 |
| Ball of thumb | 6.8 |
| Ball of little finger | 5.4 |
| Centre of palm | 8.9 |
| Back of hand | 31.6 |
| Lower third of the forearm, volar surface | 11.3 |
| Plantar surface of the great toe | 15.8 |
| Forearm and leg | 45.1 |
| Knee | 36.1 |
| Neck | 54.1 |
| Back at the fifth dorsal vertebra, lower dorsal and lumbar region | 54.1 |
| Middle of the neck | 67.7 |
| Upper arm, thigh, and centre of the back | 67.7 |
| Sacrum, gluteal region | 44.8 |