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**ILAE** and Epilepsy

Medicine





- Foundation of ILAE in Budapest 1909 1909 Foundation of EPILEPSIA
- Sir Victor Horsley delivers the Linacre Lecture on the 'The Function of the So—Called Motor Area of the Brain' citing three cases of operated focal epilepsy and his electrical stimulation brain—mapping experiments
  - $2^{nd}$  meeting of the ILAE in Berlin  $-\,2$  lectures given
- Charles Davenport and David Weeks publish the first eugenic tract devoted to epilepsy
- 3<sup>rd</sup> meeting of the ILAE in Zurich 15 lectures given
- Fedor Krause reports 96 operated patients with focal epilepsy and brain mapping by electrical stimulation
- Discovery of the anticonvulsant effects of phenobarbitone by Alfred Hauptmann
- Publication of a large series of epileptic patients treated with crotalin rattlesnake venum by Spangler
- 1913 4<sup>th</sup> meeting of the ILAE in London business meeting and 4 lectures
  - Paraldehyde first used for status epilepticus
  - 1914 ILAE goes into hibernation with the outbreak of the First World War



- Wilder Penfield works in Oxford in Charles Sherrington's laboratory and is inspired to become 'a physiological neurosurgeon' William Shanahan states that irrigation of the bowel is the most urgently indicated procedure to treat status epilepticus

- Bacillus epilepticus identified from stools of epileptic patients and identified as the cause of epilepsy and the theoretical justification of colectomy. Publication of an influential series of cases of right-sided colectomy for the control of epilepsy from Boston
- Air ventriculography devised by Walter Dandy
- Air encephalography first carried our via the lumber route by Dandy
- 1909 The word gene coined by Wilhelm Johannsen initiating a scientific revolution where was the world heading?
- 1909 Salvarsan therapy for syphilis used by Paul Ehrlich
- Marie Curie publishes her Treatise on Radiography
  First state insurance scheme in medicine (in Britain)
- 1912 Casimir Funk describes the concept and coins the term vitamin

- 1913 The first vitamin vitamin A isolated
  1913 First artificial kidney developed by John Jacob Abel
- 1914 First neurotransmitter acetylcholine announced by Henry Dale
- 1915
  - Theory of shell shock developed by Frederick W. Mott

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- Malaria treatment for syphilis introduced by Julius Wagner–Jauregg
- Influenza pandemic
- 1919 Prohibition declared in the US

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