## 1930-1939





















Foester and Penfield's paper on the surgical treatment of post—traumatic epilepsy published in Brain
 Dandy carries out the first corpus callosal section to remove a congenital cyst
 Ritchie Russell's landmark paper in Brain on head injury and post—traumatic epilepsy
 Epileptic inmates of some US asylums subject to forcible sterilisation
 Adrian and Matthews publish a renowned paper in Brain corroborating Berger's EEG findings
 The first intra—operative electrocortigram by Foester and Altenburger









1930 Immunisation against typhus by Hans Zinsser
 1931 Mumps vaccine developed
 1932 First sulphonamide antibiotic – Prontosil – developed by Armand Quick
 1933 First carcinogen identified – a polycyclic aromatic hydrocarbon
 1934 Vitamin C manufactured by Tadeusz Reichstein
 1935 Prefrontal leucotomy developed by Egaz Moniz

1935 Cortisone isolated from the adrenal gland
1936 ECT described by Ugo Cerletti
1937 First antihistamine developed by Daniel Bovet
1938 First total artificial hip replacement by John Wiles
1938 Sulphapyridine (M&B 693) manufactured by Arthur James Ewins and Montague Phillips
1939 Vitamin K discovered and synthesised



