

Papyrus 1500

Pythagoras (580 ~ 489BC)

Hippocrates (450 ~ 370BC) Platon (429 ~ 348BC)

Anaxagoras

Democritus (460 ~ 370BC)

Hemophilus (335 ~ 250BC) (torcular Hemophili)

Erasistratus (310 ~ 250BC)

4

Claudius Galen (131 ~ 200AD) 4

7

3

가

Johannes Eichmann (1536), Andreas Vesalius (1514 ~ 1564) 1543

(neurologia)

Thomas Willis (1621 ~ 1675) 가 1664 '(Cerebri anatome)

Willis 1681

Samuel Pordage (1633 ~ 1691) neurology . Willis neurology 가

Willis

Jacobus Sylvius (1478 ~ 1555), Fallopian Gabriel Fallopius (1523 ~ 1562), Bartholomo Eustachi (1524 ~ 1594),

Sylvius Francis Sylvius (1614 ~ 1672), (gumma)

Giovanni Battista Morgagni (1682 ~ 1771), Monro Alexander Secundus Monro (1733 ~ 1817), Sciatica가 1764

Demenico Felice Cotugno (1736 ~ 1822),

Francesco Gennari (1752 ~ 1797), (mammillothalamic tract) Felix Vicd' Azyl (1748 ~ 1794) (phrenology)

Franz Joseph Gall (1758 ~ 1828)

Johann Christoph Spurzheim (1776 ~ 1832)

Johann Christian Reil (1759 ~ 1813) 1809 insula , Luigi Rolando (1773 ~ 1831) , Karl Friedrich Burdach (1776 ~ 1847) 가

(pulvinar)

Türck Ludwig Türck (1810 ~ 1868)

, Charles Bell (1774 ~ 1842) Francois Magendie (1783 ~ 1855)

Bell-Magendie

Jule Gabriel Francois Baillarger (1809 ~ 1890) IV V

Baillarger Baillarger

가

Baillarger 1865 . 1861 Broca

Pierre Paul Broca (1824 ~ 1880) , Wernicke Carl Wernicke (1848 ~ 1905)가 1874 , Broca 1878

Theodor Schwann (1810 ~ 1882) 1838 (myelin sheath)

Schwann Robert

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Remak (1815~1865)가
Louis Antoine Ranvier (1835~1922)가
1878
. Benedict
Stilling (1810~1879)
Stilling
1854 Pierre Gratiolet (1815~1865)
, Jacob
Augustus Lockhard Clarke (1817~1880) 1851
Clarke , Bernard Luys
(1828~1897) 1865 Corpus Luysii
, Vladimir Aleksandrovich Betz (1834~1894)
1874
가 Wilhelm
His (1831~1904) August Forel (1848~1931),
Fridjhof Nansen (1861~1930) 1887
, Vernon Mountcastle
Wilhelm His가 1887 가 , David Hubel Torsten Wiesel

Otto Friedrich Karl von Deiters
(1834~1863) Deiters
. Augustus Volney Waller
(1816~1870) 1851 waller
Pierre Louis van Gehuchten (1861~1914) 1891
(dynamic polariza-
tion) 가
Heinrich Wilhelm Waldeyer (1836~1921)
(neuron)
, Santiago Ramon Y Cajal
(1852~1934)
Rudolph Albercht von Kölliker (1817~1905)
. Cajal
가
, Camilio Golgi
(1843~1926) Franz Nissl (1860~1919)
(reticular theory) . Golgi 1898
Golgi Nissl 1884
Nissl
Korbinian Brodman (1868~1918)
Alfred Walter Campbell
(1868~1933) (1905).
Victor Albrecht von
Haller (1708~1777)
Felice Fontana (1730~1805),
Aloysius Luigi Galvani (1737~1798)가
Johannes Müller (1801~1858)
, Emil Heinrich du Bois-Reymond

(1818~1996) Herman
Ludwig Ferdinand von Helmholtz (1821~1894)
. Müller Marshall Hall (1790~1857)
, Ivan Mikhailovich Sechenov (1829~
1905), Friedrich Leopold Goltz (1834~1902), Ivan
Petrovich Pavlov (1849~1936) Charles Scott
Sherrington (1857~1952)
Sherrington 1906
(The integrative action of the nervous system,
New Haven, Yale)
. Edgar Adrian
, Vernon Mountcastle
, David Hubel Torsten Wiesel

Robert Barany (1876~1936)
(1914) Johannes Gregorius Dusser de
Barenne (1885~1940)
(1924), Heinrich Ewald Herring (1866~1948)
, Hans Berger (1873~1941)
(1929) , James Papez
(1883~1958) Papez
(1937), Corneille Jean Francois Heymans
(1938), Joseph Erlanger (1874~1965)
Herbert Spencer Gasser (1888~1963)
, Walter Hess
(1949),
Walter Cannon (1871~1948) (homeostasis)
, James Olds Neal Miller
(1954)

John Newport Langley (1852~1925)가
, Thomas R. Elliot Otto Loewi
(1873~1961) Herry Dale (1875~1968)
Loewi Dale 1936
. Johann
Thomas Hensing (1683~1726)
(1811) Nicolas Louis Vauquelin (1763~1829)
1884 Johann
Ludwig Wilhelm Thudichum (1829~1901)
'(A treatise on the chemical
constitution of the brain-based throughout upon
original researches, London, Bailliere, Tindalla
cox) , Thudichum

Thudichum
 20 , Hans Winterstein (1879~1963)
 Allan L. Hodgkin Andrew F. Huxley John Eccles
 1963 , Julius Axelrod
 Ulf von Euler , Bernard Katz
 1970 , 가 , HRP
 , in situ ,
 , CT, MRI, f-MRI, PET, SPECT ,
 patch clamp, , DNA
 1840 1846
 Moritz Heinrich Romberg (1795~1873)
 (Lehrbuch der nervenkrankheiten des menschen, Berlin, A. Duncker)
 Romberg , 1846
 1814 Caleb Hillier Parry (1755~1822)가 Parry-Romberg
 1851 2 1853 (A manual of the nervous diseases of man, London, Sydenham Society)
 1857 3
 , Romberg
 Romberg ,
 Guillaume Bejamin Amand Duchenne de Boulogne (1806~1875) , Jean Cruveillier (1791~1874)
 Romberg ,
 Romberg
 . Benedikt
 Moritz Benedikt (1835~1920)가 1874

(Wien)
 1882 Heinrich Obersteiner가
 (Neurologisches Institut) , 1885 Ludwig Edinger (1855~1918)가 (Frankfurt am Main) , Carl Weigert (1845~1904) ,
 1886 Constantin von Monakow (1853~1930)가 (Zürich)
 (Hirnanatomisches Institut) . 1896
 Max Nonne (1861~1959)가
 1899 Oskar Vogt (1875~1962)가 (Neurologische Zentralstation) . 1917 Eugen von Malaise (1875~1923)가 (München)
 , 1918 Robert Bing (1879~1956) (Basel)
 1921 (Breslau) Otfried Foerster (1873~1941)가
 1884 (von Monakov)가 , 1911 , 1914 (Edinger), 1917 (Foerster)가,
 30
 1.
 Romberg ,
 Friedreich Erb, Strümpell, Möbius, Nonne, von Weizsäcker, Pette Schaltenbrand
 Nikolaus Friedreich (1825~1882)
 Rudolf Carl Virchow (1821~1902) (Würzburg) 가 25
 Ku mau (1822~1902), Erb, Fr. Schultze (1846~1934)
 A. Westphal (1863~1941)
 1863 1875 Friedreich , 1873
 , 1881 paramyoclonus multiplex
 , 'Friedreich'
 Wilhelm Heinrich Erb (1840~1921)
 Friedreich ,

, Strümpell, Möbius, Kraepelin, Nonne, Wallenberg von Weizsäcker
 1875 Erb-Charcot 가
 가
 1877 Erb-Duchenne
 1884 Erb Erb Erb
 가 Schaudinn
 Wassermann (1907) 14 ,
 Hideyo Noguchi (1876~1928)가
 (1913) 20
 1868
 (Archiv für psychiatrie und
 nervenkrankheiten)가 Griesinger
 Westphal 1891 Fr.
 Schultze (Deutsche
 zeitschrift für nervenheilkunde)
 Carl Westphal
 1868 Erb
 Ernst Adolf Gustav Gottfried von Strümpell
 (1853~1925) (Leipzig)
 Erb 가 1883 Erb가
 가 ,
 (1886~1903), (1903~1909)
 1910 myotonia dystrophica
 Heinrich Curschmann (1846~1910)
 가 . 1883
 (Lehrbuch der speziellen pathologie und
 therapie innerer krankheiten) 30
 1893 Lorrain (1898)
 Strümpell-Lorrain , 1898
 1899 1883 Carl Westphal 가
 (pseudosklerose)
 Westphal-Strümpell
 1912 Wilson
 1920 Walter Spielmeyer, 1921 Hall, 1931
 Lüthy ,
 Wilson Westphal

Strümpell . Strümpell
 1877-1878 가 Meynert Benedikt
 Strümpell L. R. Müller (1870~1962),
 Eduard Müller (1876~1929), Jamin (1872~1951)
 , L. R. Müller Bodechtel, Hoff
 . Gustav Bodechtel (1899~1971)
 . Bodechtel
 (Kiel) Bernsheimer, (Gie en) Erbslöh,
 Schrader, Struppler 60
 가 . Ferdinand Hoff
 (1896~?) 1
 가 ,
 Paul Julius Möbius (1853~1907) Erb
 Strümpell Möbius
 Max Nonne
 (1860~1958)
 Nonne-Applt . Erb
 Stertz (1878~1959),
 Meggendorfer (1880~1953), Wohlwill (1881~
 1958), Hauptmann (1881~1948), Bostroem
 (1886~1943), Pette (1887~1964), B. Pfeiffer
 (1871~1942), Weizsäcker, Fleck, Lotting, Lüthy,
 Schaltenbrand . Nonne
 Heinrich Pette가 , Pette
 Pette-Döring ,
 Bodechtel, Janzen, Scheid Zülch, Fisher, Mertens
 Viktor Emil von Weizsäcker (1886~1957)
 Erb L. Krehl (1861~1937) Nonne
 , 1920
 1941 Foerster
 Foerster
 (Gestaltkreis) 가 .
 Erb 1893 Wallenberg
 Adolf Wallenberg (1862~1939)
 . Wallenberg Strümpell ,
 (Danzig) , 1907
 Georges Schaltenbrand (1897~197?)
 ,
 , , ,
 3

Hermann von Helmholtz Müller
 , Heine, Waller, Heinrich Quincke
 Hermann Ludwig Ferdinand von Helmholtz
 (1821~1894) 20
 , Heinrich Herz , Max Planck
 Johannes
 Müller (1801~1858) 1850
 , 1851 (ophthalmoscope)
 Johannes Petrus Müller 1833 1840
 (Handbuch der
 physiologie)
 , Helmholtz Moritz Schiff
 (1823~1896) Hermann Munk (1839~1912)
 Schiff F. A. Longet (1811~1871)가 Magendie
 가 ,
 가 ,
 가
 Munk Flechsig , Hitzig, Ferrier
 , Ferrier가
 (angular gyrus)
 (hemianopia)
 Müller
 K. A. Rudolphi , Jan Evangelista
 Purkinje (1787~1869)가
 , 1820 가
 Purkinje
 . Jacob von Heine (1800~1879)
 (Cannstatt) 1840 가
 , 1887 Oskar Medin
 (1847~1928)
 Heine-Medin
 Augustus Volney Waller (1816~1870)
 Kent , 가 (Bonn) Julius
 Ludwig Budge (1811~1884)
 waller
 Heinrich Quincke (1842~1922) 1891
 (Wiesbaden) 10
 (Lumbalpunktion)

(1895),
 25 Walter Edward Dandy
 (1886~1946)가 (pneumoencephalogra-
 phy) 가 . Quincke
 1893 12
 가 가
 von Zienssen 1903 Froin ,
 1907 Nonne , 1912 Lange colloidal gold
 (1913), 1916 Queckenstedt
 가
 2.
 Wilhelm Griesinger (1817~
 1868) ,
 Gudden, Westphal,
 Meynert, Wernicke, Binswanger, Foerster,
 Oppenheim, Bonhoeffer, Spielmeyer, Berger,
 Kleist, Jung
 1)
 Bernhard von Gudden (1824~1886) Gudden
 , Gudden
 , Bayern Ludwig II
 1886 6
 (Starnberg)
 August Solbrig (1809~1872)
 (1872-1886) Forel,
 Bumm, Ganser, Kraepelin Nissl
 Gudden
 Hubert Grashey (1839~1914), Anton Bumm
 (1849~1903), Emil Kraepelin, Oswald Bumke
 (1877~1950), Georg Stertz (1878~1959), Kurt
 Kolle (1898~1972) H. Hippus
 Gudden Auguste Forel (1848~1931)
 Meynert , 20
 (1879~1898)
 , Eugen Bleuler (1857~1930) ,
 Bleuler Hans W. Maier (1882~1945)
 Manfred Bleuler
 1865
 Wilhelm Griesinger가 1860
 Gudden 가
 Gustav Huguenin (1841~1920) Eduard
 Hitzig가 Forel . Forel Gudden

mikrotom Forel (1877)
 가, 1887 Cajal
 .
 Emil Kraepelin (1856~1926)
 Erb ,
 Kraepelin , Nissl,
 Alzheimer, Grünthal
 . 1917 (Deutsche
 Forschungsanstalt für Psychiatrie)
 Nissl, Brodmann, Spielmeyer ,
 Spatz, Grünthal, Bodechtel
 . 2
 .
 Franz Nissl (1860~1919) Nissl
 . 가 1904-1918
 , Karl Willmanns (1873~
 1945), Hans W. Gruhle (1880~1958), Hugo Spatz,
 Karl Jaspers
 . 1877 Carl Fürstner
 (1848~1906)가 1891-1903 Emil
 Kraepelin, Karl Bonhoeffer, Nissl
 , Nissl 1918-1933 Karl Wilmanns, 1933-
 1945 Carl Schneider (1891~1945), 1945-1955
 Kurt Schneider (1887~1967), Walter von
 Baeyer, Werner Janzarik
 .
 Nissl 가
 (Städtische Anstalt für Irre und
 Epileptische) Emil Sioli (1852~1922)
 Alzheimer . Sioli Carl
 Westphal
 . Ludwig Edinger (1855~1918)
 Carl Weigert (1845~1904)
 . Edinger Adolf
 Kussmaul (1822~1902) E. Leyden (1832~
 1910) Westphal, Erb
 . 1883
 .
 1885 Weigert ,
 . 1885 (tractus-bulbo-
 thalamicus) Edinger-Westphal ,
 10 (Zehn
 Vorlesungen ber den Bau der nervösen
 Zentralorgane F.C.W. Vogel, Leipzig, 1885)
 , Edinger가
 1914
 , Edinger 1918-1928 Kurt

Goldstein (1878~1965) Wilhelm
 Krücke . Edinger
 .
 . Sioli 1920-
 1950 Wernicke Karl Kleist가
 1950-1961 Bonhoeffer Jürg Zutt가
 , Caspar
 Kulenkampff, Hans Joachim
 Bochnik Maurer .
 Spatz, Hallervorden, Krücke, Hassler
 .
 Nissl Karl Wilmanns (1873~1945)
 .
 Hitler가 1
 가
 . Kurt Beringer (1893~
 1949) 1934-1949 (Freiburg)
 , Richard
 Jung . Jung Walter
 Rudolf Hess , 1951
 .
 Günter Baumgärtner, Hans H. Kornhuber,
 Hans-Joachim Freund, Thomas Brandt,
 Johannes M. Dichgans , (Ulm),
 (Düsserldorf), , (Tübingen)
 , 가
 . Beringer
 Becker P.E. Becker Hugo Ruf가 .
 Hugo Spatz (1888~1969) Nissl ,
 Spielmeyer 1928 1936
 가, Vogt 1937-1959 Wilhelm
 , 2 .
 가
 1922 Spielmeyer Spatz Julius
 Hallervorden (1882~1965) Hallervorden-
 Spatz
 .
 Spatz가
 Kraepelin
 1904-1912 Alois Alzheimer가
 Korbinian Brodmann, Franz Nissl Walter
 Spielmeyer가 , Spatz Eduard Beck
 Joachim Ernst Meyer .
 Kraepelin Alois Alzheimer (1864~1915)
 Würzburg Rudolf Albert
 von Kölliker (1817~1905)
 . 1902
 , Alzheimer 가
 51 Auguste D , 1906

가 11

Kraepelin Alzheimer가 1910 (Markheit am Main)

Kraepelin가 1912

Pick Pick

Alzheimer Creutzfeldt, Josephy, Kirchbaum, Hans Gerhard Creutzfeldt (1885 ~ 1965) 1920, Alfons Maria Jakob (1884 ~ 1931) 1921 Ceutzfeldt-Jakob가 (Spastische Pseudosklerose) Creutzfeldt 1937-1953, Jakob 1911-1931

Creutzfeldt가 Spielmeyer, Jakob 3가, 2가 5 Jakob-Creutzfeldt, Jakob Kernohan, Grinker, Alpers Alpers Walter Spielmeyer (1879 ~ 1935) 1902-1934 Alfred Erich Hoche (1865 ~ 1943) 1919 Kraepelins Hoche Beringer, Hans Ruffin Rudolf Degkwitz Degkwitz 1959 Dopamine가 Spielmeyer Spielmeyer-Vogt, Westphal-Stümpell가 1919-1935 H.H. Merritt (1902 ~ 1979) Uchimura Spielmeyer가 1936 1960 Scholz Willibald Scholz (1889 ~ 1971), 1961 Gerd Peters Kraepelin가

2) Theodor Meynert (1833 ~ 1892) 1870 1892 Anton, Forel, Wernicke, Freud, Pick, Chvostek 1867

Meynert Gabriel Anton (1858 ~ 1933) 1894-1905 (Graz), 1906-1926 (Halle) Anton가, chorea athetosis가 Paul Schilder (1886 ~ 1940) Schilder encephalitis periaxialis diffusa 1912, 1913 1924, 1912 (diffuse sklerose) adrenoleukodystrophy subacute sclerosing panencephalitis 1923 (Körperschema, Berlin, Springer) 1935 (The image and the appearance of human body, London, Paul, Trench, Trubner) Sigmund Freud (1856 ~ 1929) Brücke (1918 ~ 1892) Meynert, Freud Robert Barany (1876 ~ 1936) 1914 Barany 1861 Prosper Meniere (1793 ~ 1812)가 가 Meniere, Meniere Arnold Pick (1851 ~ 1924) Meynert Westphal Wernicke 1880 Kahler-Pick, 1892 Pick, Kahler-Pick Pick Otto Kahler (1849 ~ 1893) Kahler multiple myeloma Chvostek (1864 ~ 1944) tetany Chvostek Meynert가 1 2 Julius Wagner von Jauregg (1857 ~ 1940)가 1893-

1902, 1902-1911, 1911-1928 35
 1917
 malaria 1927
 Insulin Sakel
 (1900~1953) von Economo, Gerstmann, Marburg, Pözl Hans Hoff Constantin Baron Economo von San Serff (1876~1931) von Economo
 Gerstmann (1887-?) Gerstmann Gerstmann-Sträussler-Scheinke Otto Marburg (1874~1948) Marburg triad encephalitis periaxialis scleroticans, 1882 Oberesteiner가 1919~1938
 Marburg Oskar Gagel Hans Hoff, Seitelberger Fritz Seitelberger Wien Pözl (1871~1962) Walter Birkmayer Hornikiewitz 1960 dopamine L-dopa
 Arthur Schuller가 1912 X-
 1874 Moritz Benedikt가, Johann Paul Karplus (1866~1936), Pappenheim, Otto Kauders (1893~1943), Hans Hoff, Dussik Oskar Gagel, Viktor Emil Frankl Frankl
 3)
 Karl Friedrich Otto Westphal (1833~1890) 1865 Griesinger 1889 24
 1875 가 Westphal, Erb . 1883 가, Strümpell Westphal-Strümpell 1920 Spielmeyer 1912 Wilson Edinger-Westphal Westphal 1887 Hitzig,

Wernicke, Binswanger Oppenheim Eduard Hitzig (1838~1907) Westphal, Romberg . 1860 Gustar Theodor Fritsch (1838~1927) Marie Jean Pierre Flourens (1794~1867) Fritsch Goltz (1834~1902) 가 1875 1903 Carl Wernicke (1848~1905) Westphal, 6 Meynert Meynert Wernicke 가 Wernicke 26 (1874), (Der aphasische symptom komplex, eine psychologische studie auf anatomischer basis) Wernicke . 31 (1881) (Lehrbuch der geirnkrankeiten) 1, 1883 2, 3 Wernicke polioencephalitis hemorrhagica superior Wernicke 가, Ludwig Mann (1866~1936) Wernicke-Mann, Ludwig Lichtheim (1845~1928) Wernicke-Lichtheim '(Grundri der psychiatrie in klinischen vorlesungen, Georg Thieme, Leipzig, 1900)
 Wernicke Bonhoeffer, Liepmann, Foerster, Goldstein, Kleist Sachs . Wernicke 1885 1904 1904 1905 . Karl Bonhoeffer (1868~1948) (Königsberg, 1903~1904), (1904), (1904~1912) 1912 1938 Wernicke 가 (exogene reaktionstypus)

1950,60 Jürg
 Zutt Heinrich
 Scheller Bonhoeffer
 Hugo Karl Liepmann (1863~1925) 1900
 (Das krankheitsbild der apraxia)
 Otfried Foerster (1873~1941)
 Oswald Bumke (1877~1950)
 (Handbuch der Neurologie)
 40
 1908
 posterior rhizotomy, 1909 (gastric
 crisis) posterior rhizotomy
 , 1913 anterolateral cordotomy
 . 1930 , Harvey
 Cushing (1869~1939)
 . 1931 (Bern)
 1
 1935 2
 Hughlings Jackson 100
 Hughlings Jackson
 . 1934 Rockefeller
 Foerster
 Wilder Graves Penfield
 1941
 Foerster Viktor von Weizsäcker가
 Kurt Goldstein (1878~1965) Wernicke
 , Edinger 1918
 Edinger 가
 . 1934 '(Der Aufbau
 des Organismus)
 (Neuropsychologie) , 1936
 Karl Lashley (1890~1958)가 Boston
 . Goldstein 1939 'The organ-
 ism, A holistic approach to biology derived from
 pathological data in man'
 Karl Kleist (1879~1961) Wernicke
 '(Gehirnpathologie)
 Specht (1860~1940)
 , Leonhard, Riechert, Duus
 Leo Alexander H. Straus
 Westphal Otto Binswanger
 (1852~1929) 1882 1919 (Jena)
 , Vogt, Berger, Ludwig Binswanger, Ziehen

1894 Binswanger
 Friedrich Nietzsche
 Oskar Vogt (1870~1959) Binswanger
 , Forel Dejerine, 1878~1920
 Paul Flechsig
 (1847~1929) . 1899 Pierre
 Marie Cecil Mugnier Vogt
 (1875~1962)
 , 1915
 (Neurobiologisches Universitäts-
 Laboratorium) , 1931 Wilhelm
 (Kaiser Wilhelm Institut für
 Hirnforshung) Berlin-Buch
 1937 Vogt
 Hugo Spatz가 (H. Spatz)
 (G. Soeken), (J.
 Hallervorden), (A. Kornmüller),
 (B. Patzig),
 (W. Tönnis), (H. Anders)
 . (H. Selbach) 7
 (N, W Timofeeff- Ressoovsky)
 . 2
 가
 (Köln) ,
 (Göttingen)
 Oskar Vogt , (Schwarzwald)
 (Neustadt) Cecil u. O. Vogt
 1937 ,
 Adolf Hoff가 . Oskar
 Vogt ,
 Koyanagi-Harada , Spielmeyer-Vogt
 Foerster, Bumke, Nonne
 Lenin
 Korbinian
 Brodmann (1868~1918) Marthe Vogt,
 Kornmüller, Rolf Hassler Bielschowsky-
 Jansky Bielschowsky
 Max Bielschowsky (1869~1940)
 Hans Berger (1873~1941) Otto Binswanger
 , 1919 1938
 . 1924
 , 1929

가 1932
 Adrian ,
 Berger , 1937
 Adrian
 1941 6 1
 Westphal Hermann Oppenheim
 (1858~1919) . 1890 Westphal ,
 ,
 (Lehrbuch der Nevenkrankheiten,
 1894) 8
 . 1890 가 Koehler
 . 1896-
 1927 1900
 amyotonia congenita Oppenheim
 1911 dystonia musculorum deformans
 , Oppenheim-Ziehen . 가
 Westphal
 가 가
 가
 Westphal Jolly Friedrich
 Jolly (1844~1904)가
 Oppenheim Cassierer (1868~1925),
 Malaise (1875~1923) , Cassierer
 Guttmann (1891~1948),
 E. Straus Robert Wartenberg (1875~1956)
 .
 Hitzig , Oppenheim Westphal
 Constantin von Monakow
 (1853~1930) 1887
 1928
 , Mieczyslaw Minkowski
 Fritz Lüthy, Baumgärtner
 von Monakow 1897 , 1914
 , diachisis 가 , 10
 Edinger , Babinski
 Dejerine Horsley Robert Bing
 (1879~1956) 1918 -1947 30
 ,
 Bing Felix Georgi (1893~1965) Heinrich
 Kaeser (Bern) 1958 R.

Magun (1916~1960) Marco
 Mumenthaler
 (Hirnanatomisches Institut) 1933-1965 Ernst
 Grünthal 가 G. Pilleri .
 .
 Romberg
 Duchenne Duchenne
 가 가 . Duchenne Jean
 Cruveilhier (1791~1873)가 1840
 . Amand
 Duchenne de Boulogne (1806~1875) Boulogne
 11 36
 . 1855 , 2 1861 , 3 1872
 . 1858 Friedreich
 locomotor ataxia ,
 1864
 , 1868 Duchenne
 , 1850 Francois Amilcar Aran
 (1817~1861)
 Aran-Duchenne
 Duchenne (1861)
 .
 Jean Martin Charcot (1825~1893) 23
 Salpetriere 9
 37 1862
 Salpetriere
 가 . Duchenne
 가
 Edme Felix Alfred Vulpian (1826~1887)
 .
 가 , 10
 . 1862 Vulpian
 clonus
 가 . triad ,
 1865 Charcot
 , Aran-Duchenne
 .
 Charcot 가 . 1868
 Bouchard atherom

1869 Charcot
 Marie, 1886 Pierre
 Howard Henry Tooth (1856~1925)
 Charcot-Marie-Tooth
 Charcot
 가
 Charcot
 1872
 5
 Charcot 1882
 가 Dejerine,
 Babinski, Marie, Brissaud, Bekhterev, Marinesco,
 Joffrey
 Joseph Jules Dejerine (1849~1917) 1910
 Salpetriere Charcot
 Augusta Marie Klumpke
 (1859~1927) 1888 Cecil Oskar
 Vogt
 1884 Landouzy
 Dejerine-Landouzy, 1893
 Sottas Dejerine-Sottas
 1900 Andre-
 Thomas, Dejerine-
 Thomas, 1906 Roussy
 Gustave Roussy
 (1874~1948), Andre Thomas, Bernheim,
 Alajouanine, 1949 4
 Dejerine
 Joseph Francois Felix Babinski (1857~1932)
 1848 가
 1884
 1890-1927 Pitie
 Dejerine, Brissaud, Pierre Marie, Souques
 1896
 28 Babinski
 1893 E. Remak가
 가
 1898 Babinski
 가
 Babinski 가 가
 (fanning) 가 1902 Jean
 Nageotte (1866~1948) 1901
 1902 Babinski-Nageotte

asynergia dysdiadochoki-
 nesia
 1922
 Babinski
 de Martel Clovis Vincent
 (1879~1947)
 Vincent
 Pierre Marie (1853~1940) 1907
 가 65 가 1918
 Charcot, Raymond, Brissaud Dejerine
 1886 Charcot Charcot-
 Marie-Tooth
 acromegaly, 1890 hypertrophic
 osteoarthropathy 1890 Friedreich
 Marie 1897
 Gustave Roussy Charles Foix (1882~1927)
 Paul Broca (1824~1880)가 1861
 Broca, Broca가 Broca
 Wernicke
 Gustave Roussy (1874~1948) Roussy-Levy
 hereditary areflexia dystasia
 1906
 Dejerine
 Charles Foix (1882~1927) Marie
 Schilder-Foix Foix-Alajouanine
 Charcot Edouard Brissaud (1852~
 1909) 1895
 Pierre Marie
 (Revue neurologique)
 Vladimir Mikhailovich Bekhterev
 (1857~1927) Paul Flechsig
 (1847~1929) Flechsig
 1885 Bekhterev superior
 vestibular nucleus
 Jean Baptiste Octave Landry de Thezillat (1826~
 1865) 1859 Landry
 1916 Georges Guillain (1876~1961) Jean
 Alexandre Barre (1880~1967)가
 Guillain-Barre Landry-Guillain-
 Barre

Charles Lasegue (1816 ~ 1883) 1864
 Lasegue Desire Magloire
 Bourneville (1840 ~ 1909) 1880 1882
 Bourneville
 Jean Athanase Sicard (1872 ~ 1929) 1921
 Jacques Forestier lipiodol
 myelography
 Lhermitte Jean Lhermitte (1877 ~
 1959), Baillarger Francois Baillarger (1890 ~
 1890)
 Francois Magendie (1783 ~ 1855), Claude Bernard
 (1813 ~ 1878), Pierre Flourens (1794 ~ 1867)
 Charles Emile Francois-Franck (1849 ~ 1921)
 Romberg Charles Bell (1774 ~
 1842) Marshall Hall (1790 ~ 1857)
 James Parkinson (1755 ~ 1828)
 1817 'An essay on the shaking palsy'
 Parkinson
 William John Little (1810 ~ 1894) 1862
 asphyxia neonatorum
 (spastic rigidity)
 Litte Douglas Moray
 Cooper Lamb Argyll Robertson (1837 ~ 1909)
 1869 3 Argyll
 Robertson , 1863 Hermann
 David Weber (1823 ~ 1918) Weber
 Clarke's column Lockhart
 Clarke (1817 ~ 1880) 1868 Gull (1862)
 1860 Queen Square
 (National Hospital for Relief and Cure of the
 Paralysed and Epileptic)
 Brown-Sequard,
 Hughings Jackson, Raynolds, Bastian, David
 Ferrier (1843 ~ 1928)
 Gowers, Horsley, Holmes Beever C. E.
 Beever Marcus Gunn Marcus Gunn
 , Sherrington, John Newport Langley
 (1852 ~ 1925) Godwin Greenfield (1884 ~ 1958)
 Charles Edouard Brown-Sequard (1817 ~ 1894)
 Irish Brown
 Charles Sequard Mauritius
 1846 Charles Edouard
 Brown 1858 Brown-
 Sequard . 1846

1850
 Brown-Sequard .
 , , 1854
 Richmond Virginia (
) 1960
 , 1864
 1867
 가 1870 가 8
 1878 가 Claude
 Bernard (1813 ~ 1878)가
 15 가
 Brown-Sequard
 1858
 가 Queen Square
 , Gabes S. Ramskill
 4 가 1864
 가 가 Boston
 John Hughling Jackson (1835 ~ 1911) 1862
 가 45
 1863
 Hermann von Helmholtz 가 Friedrich
 Wilhelm Ernst Albrecht von Graefe (1827 ~ 1870)
 가 1864
 가
 Elizabeth Jackson . 11
 Jackson
 (focal)
 1829 Bravais가
 Bright, Todd
 Robert Bentley Todd (1809 ~ 1857)
 1856
 Todd . 1870 Hughlings
 Jackson 가 가
 Jackson . Jackson
 (uncinate fit)
 . Jackson (evolution) (dessolu-
 tion) 3가 (hierarchy)
 가 , 가
 3 가

Bastian 1890

. 1897

David Ferrier (1843~1928) 1889
King's College 1878

Bucknil James Crichton-Browne
Brain (1878) map-
ping

, Victor Alexander Haden Horsley
(1857~1916) 1890 Charles Scott

Sherrington (1857~1952)
auditory cortex Edward Albert

Schärfer (1850~1935)
가

Sherrington 가
Goltz

1890

, 1
가

dermatome

Ruffini Golgi가

Golgi

가

. 1913

가 , 1924 E. G. T.

Liddell

Henry Charlton Bastian (1837~1915) 30

가 , J. Russell

Reynolds , 8 Gowers

Bastian
(New York,
Appleton 1880)

William Richard Gowers (1845~1915)
Hugblings Jackson, David Ferrier Victor
Horsley 가
Queen Square . 1886-1888

2 (A manual of dis-
eases of the nervous system)
1895

Clinical lectures on diseases of the nervous sys-
tem) (The borderland of epilepsy,
1907) 가 , 가

Gowers
, distal type Gowers

, myoclonus,

(Manual and atlas of medical ophthal-
moscopy, 1904)

Victor Alexander Hadon Horsley (1857~1916)가

Henry Head (1861~1920)
(On disturbance of sensation, with
special referance to the pain of visceral disease,
1833)

, Hitzig

. 1911 Gordon

Holmes
1920

1926 , semantic
aphasia , Pierre Marie

. Gordon

Holmes 1931 Holmes-Adie

Samuel Alexander Kinnier Wilson
(1878~1937) Pierre Marie

Babinski 1 , Leipzig
, 1904 Queen Square , Jackson,
Gowers . 1912 33

Edingburg 가 (Progressive lentic-
ular degeneration, a familial nervous diseases
associated with cirrhosis of the liver) Wilson

.

. 1917 , 1902

Kayser-Fleischer Wilson

Wilson

, Tic, 가

1940 2 Neurology
London, Arnold 가
Oppenheim

Harvey Cushing 1930 Lister
memorial lecture

Jonathan Hutchinson (1828~1913) Byrom
Bramwell (1847~1931) Hutchinson
Hughlings Jackson Herbert Spencer

Jackson
Hutchinson

Byrom Bramwell (The diseases
of the spinal cord, Edinburg, Maclachlan
Stewart 1888) (Intracranial tumours,
Edinburgh, Pentland, 1888) 2

Cushing Jackson
(1897), Hitzig (1900), Broadbent (1903), Horsley
(1906), Gowers (1909) Henry Head (1920)

7 Hughlings Jackson 1927

James Stansfield Collier (1870~1935) 1901
Queen Square 1903 St.
George, 1900

J.S.R. Russell F.E. Batten
1886 Gowers

ataxic paraplegia
, 1887 Ludwig Lichtheim (1845~1915)
Collier

가 cerebral diplegia, amy-
otonia congenita, aphasia, apraxia, agnosia,
intracranial aneurysm, peripheral neuritis
Babinski 가

Godwin Greenfield (1884~
1958), MacDonald Critchley, Francis M. R.
Walsche, Charles Seymonds, W. Russell Brain
(1895~1966), John. N. Walton, J. A. Simpson,
Douglas McAlpine, C. David Marsden, W. Ian
McDonald, Roger W. Gilliatt, Ralph H. Johnson,
Christopher Kennard, W. Bryan Matthews, Edwin
R. Bickerstaff, A. E. Harding, Frank Clifford
Rose, R. S. J. Frackowiak, Martin N. Rossor,
John A. Morgan-Hughes, David Chadwick,
Charles Warlow, Michael Swash, John M.
Newsome-Davis Critchley H.

L. Hoffman 1942 Kleine-Levin
, W. R. Brain (1895~1966) 1933
7 J. N.
Walton, 1993 10 12
Walton Brain 1960

Queen Square Roger Bannister가
. J. N. Walton 가
1961
1983 C. David
Marsden Timothy J. Fowler 1989
Walter Gaskell
(1847~1914) Grafton Elliot Smith (1871~1937)

Oppenheim, Erb, Meynert, Obersteiner,
Wernicke, Bernard, Charcot, Dejerine, Jackson,
Gowers, Brown-Sequard
Adolf Meyer

가 1861-1865

400 Turner's Lane
Silas Weir Mitchell (1829~1914)
George Read
Morehouse (1829~1905) William Willams Keen
Jr (1837~1932)
(reflex paralysis)
1864

causalgia
Causalgia 1872 가
1874 (postparalytic chorea), 1877
, 1878 Weir Mitchell
(erythromeralgia)
가,
Claude Bernard (1813~1878)
, 1859 William Alexander Hammond
(1828~1900) vernom
W. W. Keen Simon Flexner (1863~1946)
. 1863 Jefferson
가
. 1884

Hammond 1849 1960
(Maryland) 가
가, 1962

, Mitchell
 Turner's Lane . 1867
 Quarterly Journal of
 Psychological Medicine and Medical Jurisprudence
 , 1871
 (A treatise on diseases of the nervous system and
 insanity in its medical relation. Appleton, New
 York)
 , athetoses
 . Athetoses Mitchell
 , Gowers Charcot
 , 1881 Greidenberg
 Hammond
 athetoses Anton 1896 가 (puta-
 men) . 1874 Hammond
 가 Bellevue
 , 1875
 (American Neurological Association, ANA)
 ANA Hammond Meredith
 Clymer, E. C. Seguin, T.M.B Cross,
 Roberts Bartholow, J.S. Jewell
 James J. Putnam 7
 Mitchell 28 35
 , 1875 6 2 YMCA
 35 18
 Mitchell
 Mitchell James
 Stewart Jewell (1837~1887) 1
 Jewell 1872 Northwestern
 가 1874 Henry M. Bannister
 Chicago Journal of Nervous and Mental Disease
 , Journal of Nervous
 and Mental Disease ANA
 5 1880 Francis Turquand
 Miles (1827~1903)가
 Miles Charcot Hughlings Jackson
 Gowers
 ANA가 1872
 (New York Neurological Society)가
 Hammond Edward Constant Seguin (1843~
 1898) . Seguin (1846)
 , Brown-
 Sequard Charcot Louis Ranvier
 . 1869
 Erb Charcot

1872
 (Massachusetts General Hospital, MGH)
 , Karl Freiherr von Rokitansky
 (1804~1878) Meynert, Hughlings
 Jackson James Jackson
 Putnam (1846~1918) . 1874
 1893
 가 , 1891
 athetosis
 1)
 Weir Mitchell
 , Turner's Lane
 John F. Fulton
 가
 . 1871 Horatio Charles Wood (1841~
 1920)가
 가, 1901 Charles Karsner
 Mills (1845~1931)가
 1903 Mills가
 . 1989
 (dean)
 1915 Mills William Gibson Spiller
 (1813~1940)가
 가 Oppenheim, Obersteiner, Edinger, Dejerine
 Gowers , Mills
 (1908, 1912) ,
 (1908)
 . C. K. Mills W. G.
 Spiller
 Charles
 Harrison Fraziers (1870~1936)
 Ernst Bergmann (1836~1907) Rudolf Virchow
 (1821~1902) 1901
 subtotal retrogasserian neurotomy (
 Spiller), 1911
 anterolateral column
 George K,
 Gammon, George Milton Shy, Lewis P. Rowland,
 Arthur K. Asbury Donald H. Silberberg
 . Asbury 가 1980

Guy M. McKhann Queen Square
W. Ian McDonald ,
. Mahoney
Robert L. Barchi가 , Marc A.
Dichter가 . 1959 가
, Frank A. Elliot .
Michael E. Selzer가 . 1881
1925 , H. C. Wood C. K. Mills W.
G Spiller 가, 1925 George Wilson
(1888~1959), Winifred B. Stewert, Leo Madow
Rosaline Burns . Hahnemann
1883 , Charence Bartlett
가 , Weston D, Bayley, John J.
Tuller, Edward A. Steinhilber, Marvin B. Hand
Elliot L. Mancall
Jefferson 1892 Francis Xavier Dercum
(1856~1931) 가 , Edward
A. Strecker, Michael A. Burns, Bernard J.
Alpers, Richard A. Chambers, Elliot L. Mancall
. Dercum 1892 Adiposis Dolorosa
1895 Mitchell, Mills, Osler, Dana,
Starr Peterson 가
. Brenard Jacob
Alpers Rio Hortega A. Jakob
, 1930 Alpers
, 1945
Elliot L.
Mancall . Temple
1930 N. W. Winkelman,
Sherman Gilpin, Gunter R. Haase
, Ernest Spiegel Wycis
Isaac Ott (1847~1916), (1932)
Willams Biddle Cadwalader (1876~1957)
. Wistar 1925
10 George Coghill (1872~1941)
2)
James
Jackson (1777~1867) Brown-Sequard
. Jackson MGH
. Brown-
Sequard 1852~1853 , 1856~1857
, 1864
3

1872 James Jackson Putnam MGH electri-
cian ,
. MGH Putnam George
Lincoln Walton (1854~1941), Edward Wyllis
Taylor (1866~1932)
Samuel Gilbert Webber
(1838~1926)가 1876
electrician 가 1893 Tuft
가 . Morton
Prince (1854~1929), Philip Coombs Knapp
(1858~1920) William Norton Bullard (
1853~1930) . W. N. Bullard 가 1906
Bullard ,
Elmer Ernest Southard (1876~1920)
Southard Weigert Kraepelin Nissl
Harry
Caesar Solomon (1889~?), James Bourne Ayer
(1882~1963), Stanley Cobb (1887~1968)
. Solomon Babinski Marie
Ayer 1916 Viets Froin
Cisterna , 1926
Edward Wyllis Taylor (1866~1932)
James Jackson Putnam 가 , 1946
Charles S. Kubik . Taylor
1912
Putnam 가 .
Peter Bent Brigham Harvey
Williams Cushing (1869~1939)
. Cushing
William Stewart Halsted (1852~1922)
Bern Theodor Kocher Sherrington
가 43
Cushing
, 1912 , 1917
, 1932 , 1938
1925 Rockefeller
, Southard
Bullard 가 Stanley Cobb (1888~
1968)가 . Harold George Wolff
(1898~1962), Henry Forbes
, William Gordon Lennox
Lennox Frederic Gibbs
1932 1944
가 . Robert S. Schwab
MGH . Walter Bradford Cannon
(1871~1945) Hallowell Davis, Alexander
Fobes

. Cannon (homeostasis)
 (1915, 2 1929)
 (1932) . Frank Fremont-Smith
 Hiram Houston Merritt (1902 ~ 1979)
 1937 Ayer
 , Merritt 1938 Tracy Putnam
 Dilantin . Merritt 1926
 13 가 1944
 가 1970 68 26
 . 1955
 . 7 (1984)
 L. P. Rowland Merritt 70
 , 2000 10
 Stanley Cobb 1934 MGH
 가 Tracy Putnam Merritt가
 가, 1941 Derek Ernest Denny-Brown
 (1901 ~ ?) . Denny-Brown
 Otago , Sherrington,
 Symonds Greenfield Fulton
 (1970)
 Merritt, Raymond Delacy Adams (1911 ~ ?),
 Joseph Michael Foley (1916 ~ ?), Lahut Uzman,
 Simeon Locke . 1968
 Norman Geschwind (1926 ~ 1984)가
 Geschwind Wernicke
 D.
 Frank Benson, Kenneth M. Heilman, Edward
 Valenstein, M-Marsel Mesulan, Elliot O. Ross,
 Antonio R. Damasio, Jeffrey L. Cummings
 ,
 Geschwind . 1942 Denny Brown
 Adams brain-cutting session
 1954 Adams Foley가
 R. D. Adams
 Duke 3 Rockefeller
 , James B. Ayer
 Stanley Cobb Charles Kubik
 Eugen Kahn
 Merritt
 Denny Brown 10 . 1946
 Merritt, Solomon , 1954
 J. N. Walton , 1965 CM.
 Fisher, S. Hakim R. G. Ojemann
 , Foley hepatic
 encephalopathy (1968), Richard Sidman
 Maurice Victor Wernicke-
 Korsakoff
 . Adams Harrison

, 1977
 Dartmouth Maurice Victor
 (2001) 7
 Victor Allan H. Ropper Adams
 Victor
 Miller Fisher
 Adams
 Paul Yakovlev
 Philip Dodge , Joseph P.
 Kennedy Jr Eunice K.
 Shreiber MGH
 Stanley Cobb Denny Brown
 Adams 1951 Kubik MGH
 가 Joseph B. Martin (1938)
 . Martin 1977
 , 1987 2
 가,
 Huntington 가 Anne B. Young
 Martin MGH
 Edward P. Richardson, Jr. Michael A.
 Moskowitz, Dennis J. Selkoe, Martin A.
 Samuels, David M. Dawson, J. Philip Kistler,
 Louis M. Kunkel, Marian DiFiglia
 . Tufts Louis R. Caplan,
 Theodore L. Munsat, Adams
 Victor Allan H. Ropper
 Robert G. Feldman, Philip A. Wolf,
 Carlo S. Kase, Martin L. Albert
 가 Cesare T. Lombroso가
 Worcester David A. Drachmann, David
 A. Chad
 3)
 William Alexander Hammond
 Edward Constant Seguin
 George Sumner Huntington
 (1850 ~ 1916)
 Abel Huntington Long Island
 Hampton , George Lee
 Huntington 1871
 Pomeroy
 1872 2 15 Middleport Meigs
 Mason ' (On
 chorea) , 22 .

1874, 2 North Carolina
 1909 12
 7
 , Huntington
 1908 Jelliffe Tilney 가 가
 , 1932 Vessie가
 , 1630
 Essex Bures 가
 Jelegersma (1908), Alzheimer (1911), Pfeiffer
 (1913), Marie Lhermitte (1914) C. & O. Vogt
 (1920) . Huntington
 1686 Thomas Sydenham (1626~1689)
 (chorea minor)
 (chorea major)
 1770 1888 I , William K.
 Vanderbilt
 Vanderbilt 가 1888 가
 1929 II , III 가
 . 1870 Seguin
 가 , Moses Allen Starr
 (1854~1932), Frederik Tilney (1876~1938)
 . Starr Seguin Erb Meynert
 Schultz 1888 1918
 . 1903
 Pearce Baily (1865~1922), Charles
 Albert Elsberg (1871~1948), Henry Alsop Riley
 (1887~1966) . Baily 1898 ‘
 , 1917
 . Elsberg
 Cushing Frazier
 , Mount Sinai
 Mikulicz-Radecki , 1912
 ‘ , 1941
 ‘ ,
 . Riley-Day Riley 1931
 1 . Frederick
 Tilney Riley 1920 ‘
 ‘, 1920 .
 II Vanderbilt ,
 Seguin, Starr, Tilney Joseph
 Collins (1866~1950), Pearce Bailey, Frederick
 Peterson (1859~1938), James Ramsay Hunt
 (1874~1933), Smith Ely Jelliffe (1866~1945)

. Collins ‘ ‘
 (1898), ‘ (1900), ‘
 ‘ (1908) , 1909
 . Peterson Buffalo
 1887
 Bernard Parney Sachs (1858~1944)
 1888 Starr
 . Ramsay Hunt Charles
 K. Mills Obersteiner, Oppenheim,
 Cassierer Marie, Babinski, Dejerine
 Charles Loomis
 Dana (1852~1935) . Ramsay
 Hunt , 1914 dyssynergia
 cerebellaris progressiva, 1921 dyssynergia
 cerebellaris myoclonica ,
 (1896),
 (1909), (1933), torsion
 spasm (1916), (1917),
 (1915)
 Jelliffe
 . Schilder
 Paul Schilder (1886~1940)
 가 , 1930
 1909 Pearce Bailey Joseph
 Collins Charles Elsberg
 , Charles Dana Bernard Sachs
 가 .
 Frederick Peterson Joseph Fraenkel ,
 Ramsay Hunt, Jelliffe, Robert Foster Kennedy
 (1884~1952) Wilder Graves Penfield (1891~?),
 Riley, Edwin Garvin Zabriskie (1874~1959)
 . 1929 가 West 168 가
 Columbia-Presbyterian
 III Israel Spanier Wechsler
 (1886~1962), Samuel Bernard Wortis
 (1904~1969) . 1939
 Tilney가 Tracy J. Putnam
 1946 Zabriskie가 , 1948
 Merritt가 , J. Lawrence Pool
 . 1968 Merritt
 G. Milton Shy가 Richard Masland
 가 , 1973 L.P. Rowland가 ,
 Timothy A. Pedley . Pool 1972
 Edward B. Schlesinger , Bennett
 M. Stein Robert A. Solomon .
 Sidney Carter
 James Hammil, Ernest Wood
 Juan Taveras, Malcolm Carpenter,

Wolf, Cowen, Duffy Defendini,
 Grundfest, Purpura Gilman,
 David Nachmansohn, Virology Donald
 Harter , L.P. Rowland
 Robert Fishman , Melvin David
 Yahr (1917~?) Roger Duvoisin
 Timothy
 A. Pedley, J. P. Mohr,
 Richard P. Mayeux, Salvatore
 DiMauro, Andrey S. Penn, Norman
 Latov, Stanley Fahn,
 Robert E. Lovelace . Howard
 Hughes Eric R. Kandel Avoid
 Carlsoon, Paul Greengard signal
 transduction .
 James H. Schwartz, Thomas
 M. Jessell ‘ ’ (3 , 1991)
 1776
 가 1912
 .
 1913 Charles Loomis Dana (1852~1935)가
 , 1916
 Foster Kennedy, Pearce Bailey, Alexander H.
 Williamson . Burt
 Green Wilder (1841~1925)가 (1867)가
 . Dana 1898
 1920 1892
 10 . Robert Foster
 Kennedy (1884~1952) Wilson, Bastian, Ferrier
 Queen Square ,
 1910 Pearce Bailey
 1915 Bellevue 가
 가 1949 . Foster Kennedy
 . 1932 Harold George Wolff
 (1898~1962)가 ,
 1962 .
 Stanley Cobb Walter B. Cannon
 , ‘ ,
 1963 Fred Plum ,
 1969 Sloan Kettering
 Jerome Posner ‘
 , (1966). Plum Posner ‘
 (Locked-in) ‘ , Plum 1972
 Jennet (persistent vege-
 tative state) Cecil
 . Bellevue Foster
 Kennedy, George Schumacher, Louis Hausman,
 Fred Plum Fletcher McDowell
 . 1964 Donald J. Reis가
 Dong Cho가 ,

1968 McDowell
 William A. Pulsinelli가
 , M. Flint Beal
 .
 Montefiore 1884 10 26
 Moses Montefiore
 , Charles Dana Bernard Sachs,
 Ramsay Hunt, Israel Strauss (1873~1955)
 가 1920 S. Philip.
 Goodhart (1872~1956)가
 , I.S. Wechsler, Harry M. Zimmerman
 . Zimmerman 1929
 Spielmeyer 1930
 1946 Montefiore . Wechsler
 Tilney , 1931
 가 , Montefiore ,
 Mount Sinai 1927
 1963 9
 . Goodhart 1944 Merritt가
 , Cornelius T von Storch, Tiffany
 Lawyer Elliot D. Wietzmann .
 Mount Sinai 1890 Bernard Parney
 Sachs (1858~1944)가
 가 Westphal, Wernicke, Meynert,
 Freud, Charcot Hughlings Jackson 가
 . 1887 Waren Tay
 (1843~1927)가
 amaurotic idiocy ,
 Tay-Sachs . 1895
 , 1931
 ,
 , Friedson
 . Mount
 Sinai Charles Albert Elsberg
 (1871~1948), Joseph H. Globus
 (1885~1952)가 , 가 A.
 Ferrano, A. Well G. B. Hassin
 (Journal of Neuropathology
 and Experimental Neurology) . 1938
 Israel S. Wechsler가 , 1951 Morris
 Boris Bender (1905)가 1966
 Mt. Sinai 가 . Bender 1956
 , Face-Hand
 .
 1955 Saul R. Korey
 , 1961
 Robert Katzman,

Herbert H. Schaumburg, Labe C. Scheinberg, Isabelle Rapin, Joseph French Hirano Aso Hirano 가 Henryk M. Wisniewski가 David M. Treiman (Albany) Henry Hun (1854~1924) 1884 1914 , 1913 , Hermon Camp Gordinier LaSalle Archambault, Eldrige H. Campbell, Theodore J. C. von Storch, Robert W. Graves, Frederick H. Hesser, Kevin D. Barron (Syracuse) 1955 Philip Duffy가 , 1964 Gilbert Ross, Burk Jubelt가 (Buffalo) 1891-1922 James Wright Putnam (1860~1938) , William C. Krauss가 , Putnam 가 1955 Bernard H. Smith가 Edward J. Meyer , 1959 H. W. Gillen W. F. Stafford, M. H. Kim (Rochester) 1925 가 Richard S. Lyman, Paul Garrey, Forbes Norris, Jr, Richard Satran 가 1966 Robert J. Joynt가 , Robert C. Griggs Ira Shoulson 1962 , E. Roy Johns가 가 1964 Ray Snider 1970 Garth Thomas Valhalla Sidney Carter가 .

4) Osler, Cushing, Walter Edward Dandy (1886~1946), Arthur Earl Walker (1907~?), Frank Ford, Adolf Meyer, John Broadus Watson (1878~1958) , Solomon H. Snyder, Guy M. McKhann, Richard T. Johnson, Daniel B. Drachman, Donald L. Price William Osler (1849~1919) 1892 , 1884-1889 Weir Mitchell (1889) (1894) , Dandy 1918 , 1925 , 1928 Meniere

, Earl Walker 1938 (1949) (1969) , Ford 1937 , , 5 , Adolf Meyer (1866~1950) August Forel , 1909 1941 (psychobiology) (dean) , Meyer (loop) , Johnson ‘ , McKhann Asbury Vernon Paul R. McHugh, John W. Griffin, Gary W. Goldstein, Martha Bridge Denckla, David S. Zee 1929 John F. Fulton (1899~1960) . Fulton 1950 Ross Granville Harrison (1870~1959) Osborn 1913 Stephen G. Waxman , Johannes Gregorius Dusser de Barenne (1885~1940) 1930 40 Warren Sturgish McCulloch (1898~1969) . McCulloch . 1952 Gilbert H. Glaser가 1971 D.C 1950 Francis Forster가 1958 Desmond O’ Doherty가 , 1928 J. W. Watts, 1955 Harold Stevens, Sean O’ Reilly가 . ANA 5 James Stewart Jewell (1837~1887) , 1872 North Western 가 1874 Henry M Bannister (Chicago Journal of Nervous and Mental Disease) (Journal of Nervous and Mental Disease) Julius Roy R. Grinker

George B. Hassin (1873~1951), Harold Douglas Singer (1875~1940), Lewis John Pollock (1886~1966), Percival Bailey (1892~1973), Roland Parks Mackay (1990~1968), Richard Biddle Richter (1901~1971), Paul Clancy Bucy (1904~?) . Roy Grinker Sr. 1933 , 1966 Iowa Adolph Louis Sahs (1906~?) Bucy 6 . Grinker Nicholas A. Vick 7 1976 . Hassin , Otto Marburg A. Jakob , Illinois Percival Bailey Ben Lichtenstein . Singer , Queen Square Hughlings Jackson 1904 Nebraska Omaha Creighton 가 . 1907 - 1920 Illinois , 1921 Illinois 가 , 1934 Board . Percival Bailey 1919 -1928 Cushing , 1 Pierre Marie, Pierre Janet, Frederic Bremer, Georges Schaltenbrand 1928 Chicago 가 . 1926 (glioma) Cushing , 1959 Schaltenbrand 'Stereotaxis ' 3 . Otfried Foerster, Dusser de Barenne F.A. Gibbs, Gerhardt von Bonin, Warren McCulloch , Illinois 가 Illinois Bucy Perival Baily Roy R. Grinker Sr. Otfried Foerster , John F. Fulton 1 . 1937 Heinrich Klüver Klüver-Bucy 1944 ' , Harold L. Klawans가 , Douglas R. Nordli, H. Hun Batjer, G. W. Aranson, Peter R. Huttenlocher, Jr., E. J. Kang Adolph Sahs Tracy Putnam Leo Alexander, John Fulton , 1969 ' , 1973 ' , Sahs

Maurice W. Van Allen, Antonio R. Damasio가 . Harold P. Adams Jun Kimura가 . Michigan Russel Nelson De Jong (1907~?) 1950 , 1969 AAN Neurology Year Book . 1888 William James Herdman . Albert Moore Barrett, Carl Dudley De Jong . Sid Gilman . 1940-1946 Hans Heinrich Reese (1891~1973)가 , 1954 1956 Nonne Pette , . 1924 1929 가 . 1958 Francis M. Forster가 가 , Henry S. Schutta가 , Schutta Y. C. Park ANA Roberts Bartholow (1831~1904)가 , 1937 Charles Dair Aring (1904~?) . 1947 Aring , Samuel A. Trufant, J. Park Bihl , 1969 Samuel A. Shelburne M. Harold Fogelson . Wayne 1957-1969 , Boston Denny-Brown John Stirling Meyer가 , 1969 Baylor . 가 , . Meyer Durham John Gilroy가 , Gilroy Meyer 1969 ' , 3 (1979) . 1885 David Inglis F. P. Anderson , Augustus W. Ives, Reye, John M. Dorsey, Linus J. Foster, Russell T. Costello J. S. Meyer . Walter G. Bradley 1991 Case Western Reserve Robert B. Daroff Vanderbilt Gerald M. Fenichel Queen Square C. David Marsden . Myron D. Ginsberg가 . Western Reserve 1893 Henry Upson , Charles W. Stone, Louis J. Karnosh, Clark Randt , 1959 가 1961 Joseph Michael

Foley가 Nelson G. Richard
Case Western Reserve
R. John Leigh, R. B. Daroff Peter
J. Whitehouse
Hans O Lüders가
1966 J. Norman
Allen 1919
Charles D. Humes가
1948 Alexander T. Ross가
William De Meyer, Mark L. Dyken, Joseph B.
Green Jeremiah
Thomas Eskridge (1848 ~ 1902), Howell T.
Pershing, George A. Moleen, Edward Delehanty,
Philip Work, Donald Mulder, G. Milton Shy,
James Stephen, Edward Lewin, James H. Austin,
Steven Gulevich
Houston Texas William S. Fields
Frank M. Yatsu가
Baylor 1963
가 J. S. Meyer ALS
가 Stanley H. Appel Joseph
Jankovic 1966-
1972 David Daly가 가 1974
Roger N. Rosenberg가 Rosenberg
1983 5 , 1991
(Archives of neurology)
Ralph G. Greenlee,
Jr., Thomas A. Kopitnik, Jr
Abe Bert Baker
(1908 ~ 1988)가 1946
, 1948 Russell De Jong,
Francis Foster Adolph Sahs
(American Academy of
Neurology, AAN) ANA
1955 3
. 1988
Robert J. Joynt가 loose-leaf
4 . 1968
가
Joseph Resch가 Richard W.
Price Berry
Campbell, Erland R. Nelson, Milton Alter,
William R. Kennedy, J. H. Sung, Arthur C.
Klassen, M. C. Lee
Kenneth F. Swaiman Francis S. Wright
Fernando Torres,

Robert J. Gumnit, Ilo E. Leppik
Mayo Clinic
1914 Walter D. Scheldon Henry
William Woltman (1889 ~ 1964), James W.
Kernohan, F. P. Moersch, Lee M. Eaton, Edward
H. Lambert, Alexander McLean, Clark Harold
Milikan, Donald Mulder, Andrew G. Engel,
Leonard Kurland, Robert Siekert, Jack Whisnat,
Jasper R. Daube, Burton A. Sandok, Peter
James Dyck, Philip A. Low
Woltman Moersch 1956 Stiff-man
Eaton Lambert Eaton-Lambert
ANA Gerome
K. Bauduy (1842 ~ 1914)가 1876
Hammond
가 Washington
Frank R. Fry (1890 ~ 1899)
Sidney I. Schwab (1871 ~ 1947), James Lee
O'Leary (1904 ~ ?), William M. Landau, Dennis W.
Choi Daryl W. Thompson,
Alan L. Pearlman, W. Marcus E. Raichle,
Thomas Thach, Jr
Ernest Sachs (1879 ~ 1958)가 , 1920
Gasser Erlanger Bishop
St. Louis
North Carolina Duke Talmadge Peele
James O. McNamara가 Bowman Gray
1962 James F Toole (1925 ~ ?)
(4 , 1990),
(Alabama)
Elisabeth Crosby가
John N. Whitaker James
H. Halsey, Shin J. Oh
Gainsville Melvin
Greer, Kenneth M. Heilman
Edward Valenstein Robert T. Watson
Heilman Valenstein 1979
Peritz
Scheinberg가 A. T. Steegmann
Dewey K. Ziegler
Ephraim Roseman, James J.
Corbett, A. A. Utterback,
Bertram Sproffkin, Charles Wells Gerald
Fenichel, William K. Jordan
Dennis D. Lucy, Ralph W. Richter,
Chinton N. Corder, Richard M.

Paddison, John R.
 Calverly, William R. Markesbery,
 Joan R. William R. Shapiro,
 Abraham N. Lieberman, Judith L. Lanter
 James O. Donaldson III,
 Emory Mahlon R. DeLong,
 Garrett E. Alexander
 1854-1855 Brown-
 Sequard가 John S. Wellford, J.
 Allison Hodges, H. H. Lery, Beverley R. Tucker,
 R. F. Gayle, Cary Suter, Ronald B. David, John
 W. Harbison, Nelson G. Richards
 1929 David Wilson
 Hugh Page Newbill
 , 1948 Walter Klingman
 T. R. Johns가 1957
 Cary Suter, Fritz Dreyfus
 S. I. Lee . Salt Lake Utah
 J. Richard Baringer, Marcus Jacobson
 Southern California Johannes Maagaard
 Nielsen (1890~1969) 5 Denmark
 Otto Marburg
 1936 , , 1941
 Robert Katgman Leon C
 Terry '(1983),
 John W. Rowe '(1992)
 Lesch-Nyhan William L.
 Nyhan Fred H. Gage가
 1948 가 , 1951
 Augustus Steel Rose (1907~?)가
 1970
 Reed 가
 . Rose
 Jerome Engel
 Stephen Walter Ranson (1880~1942)
 Horace W. Magoun
 1961 , 10 가 ,
 가 . Magoun 1949 G. Moruzzi
 John H. Menkes가 , Menkes
 Robert C. Collins, Jeffrey L. Cummings,
 Charles H. Markham, John C. Mazziotta
 , Sunyvale J. William
 Langston
 1895 Leo Newmark가
 가 Milton B. Lennon, Howard C.

Naffziger, Robert Aird , 1936
 Robert Wartenberg (1887~1925)가 가
 Oppenheim Cassierer (1868~
 1925)
 1968 Robert A. Fishman
 Joseph Martin Stephen L. Hauser
 가 , V. A Arthnr K. Asbury가
 . Michael J. Aminoff, Ivan Diamond, Neil H.
 Raskin, Robert B. Layzer, Stanley B. Prusiner
 , Prusiner Prion
 Walter Frank
 Schaller (1879~1970), Knox Finley, Frank
 Morrell , Lawrence Steinman
 , 1967 Pierre Dreifus가
 1953 Fred
 Plum 1963
 1953 가
 Roy Swank가 , Earl A.
 Zimmerman , Jose Ochoa
 1, 2
 . 2
 D.C 1946
 , 1942
 Webb Haymaker가 가 1961
 Kenneth M. Earle
 1862 William A. Hammond가
 2
 1946 1953
 (National Institute of
 Neurological Diseases and Blindness, NINDB)가
 (National Institute of Health, NIH)
 가 ,
 . NINDB
 (National Institute of Neurological Diseases
 and Strokes, NINDS)
 NINDB Pearce Bailey Jr ,
 Kenneth Cole , Karl Frank Tasaki가
 , Cammermeyer가 , William
 F. Windle
 (National Institute of Mental Health, NIMH)
 Seymour Kety
 가 가 ,
 , ANA NINDB
 가 (National
 Committee for Research in Neurological
 Disorders, NCRND) A. B. Baker가

1970 Paul C. Busy가
 Julius Axelrod, Louis Sokoloff, Paul D. Maclean,
 Audrey S. Penn, Thomas N. Chase, Irwin J.
 Kopin, Mark Hallett
 slow virus O. Carleton Gajdusek

NINDS NIMH

1989 1990 10
 가

1920 2
 19
 William Osler (1849~1919)가 1873
 McGill, 1884

1892 1/3

1934 Wilder
 Graves Penfield Herbert Jasper, Theodore
 Rasmussen, George Olszewski
 Colin Russel, Donald Mc
 Eachern, Francis Mc Naughton, Preston Robb

Wilder Graves Penfield (1891~1976) Holmes,
 Greenfield, Cajal, Hortega Foerster

가
 McGill, 1934 1960

1941 T.
 C. Erickson, 1951 T.
 Rasmussen, 1954 H.
 Jasper, 1958
 1959 L. Riberts

Frederick Andermann

Jack P. Antel, Albert J. Aguayo, Theodore
 B. Rasmussen 1843

, Goldwin Howland, Robert Armour Herbert
 Hyland, Clifford Richardson Allan Walters
 1964 J. C. Steele

J. William Langston

Donald B. Calne

Donald W. Paty, Patrick I. McGeer
 S. U. Kim

Western Ontario 1882
 Murray Barr, James Stevenson,

Roger Rossiter, Joseph T. Marotta

Henry J. M. Barnett,
 Vladimir Hachinski, Paul E. Cooper, Andrew
 Kertesz, Charles Drake

Henry Barnett 가 1986
 J. P. Mohr Bennett M. Stein Texas

Frank M. Yatsu
 Hachinski

Hachinski Score,

Alexander Stanislavovich Dogiel

(1852~1922)
 Aleksei Yakovlevich Kozhevnikov (1836~1902)

Kozhevnikov epilepsia partialis con-
 tinua Sergei

Sergevich Korsakov (1853~1900) 1887
 1890

Korsakov Korsakov
 Theodor Meynert

Ivan Mikhailovich Sechenov
 (1829~1905) Ivan Petrovich Pavlov

(1849~1936) Vladimir Mikailovich
 Bechterev (1857~1927)

가
 Gustaf Retzius (1842~

1919) Salomon
 Eberhard Henschen (1847~1930)

Henschen von Monakow
 Wernicke

가
 Otto Ivar Wickman (1872~1914) 1905-1911

Knud H. Krabbe (1885~1961) Erna
 Chistensen Krabbe Christensen-

Krabbe Poliodystrophia Cerebri
 Progressiva Infantilis

Samuel Goldfram (1852~1932) Erb-
 Goldfram, claudica-

tio intermittens 가
 Goldfram-Oehler

Opalski Adam Opalski (1897~1963)
 W. Spielmeyer W. Scholz

E.

Gamper (1887 ~ 1938)

Sigvald Refsum 1946
(heredopathia atactica polynuriti-
fornis) , Phytan

Arthur van Gehuchten (1861 ~ 1914)
1893 , 1897

2
Cornelius Ariens Kappers (1877 ~ 1946)
Edinger , 1908 Edinger

1936 G. Carl Huber Elizabeth
Caroline Crosby
, 가 1947 E. H. Strasburger
1921

Magnus de Kleijn
Rudof Magnus (1873 ~ 1927)
가 1905 Tay-Sachs 가
lecithinoid

Karoly Schaffer (1864 ~ 1939)가 ,
lecithinoid가 GM₂ ganglioside

Marinesco-Sjögren
Georges Marinesco (1864 ~ 1938)가 ,
Marchiafava-Bignami Ettore Marchiafava
(1847 ~ 1935) Mingazzini Givoanni Mingazzini
(1859 ~ 1929)가 , Luigi
Luciani (1840 ~ 1919) Marchi
Vittorio Marchi (1851 ~ 1908)
(angiography, 1926)
(leucotomy, 1936) Antonio
Caetano de Abreu Freire Egas Moniz (1875 ~
1935)가 , 1949

Santiago

Ramon Y Cajal (1852 ~ 1934) Pio Del
Rio-Hortega (1882 ~ 1945)가 .

K. Miura (三浦謹之助, 1864 ~ 1950)가
1889-1892 Oppenheim Erb Charcot
1895 32 가

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