

# Index

- Acland, Sir Henry, 24  
 acquired immunodeficiency syndrome (AIDS), 154  
 activism. *See* Social activism  
 Adams, William, 57  
 aerophobia, 28  
 AIDS. *See* acquired immunodeficiency syndrome  
 Alabone, Edwin, 110–111  
 alcohol abuse, 143  
   generational influences on, 143  
   parental alcoholism and, 146  
*Alcohol and the Human Body* (Sturge, M. and Horsley, V.), 144, 145, 149  
 alcohol use  
   in *British Medical Journal*, 147  
   contemporary beliefs on, 143  
   driving and, safety issues and, 147–148  
   generational influences on, 143  
   parental alcoholism, 146  
   health benefits from, 143  
   Horsley opposition to, 143–149, 173  
   the *Lancet* manifesto, 144–145  
   Pearson study on  
     conflict with Horsley, 146–147  
     criticism of, 146  
     parental alcoholism as influence on, 146  
   problems from, 143  
   rum rationing, 148–149  
     for British Expeditionary Force, 148  
   at secondary schools, 145  
   venereal diseases and, 153  
 alcoholism, parental, 146  
 Alexandra (Queen), 133–134  
 Allbutt, Thomas Clifford, 144  
 Althaus, Julius, 56  
 Alverstone, Lord, 131–132, 138  
 Amara War Cemetery, 164  
 ambidexterity, of Horsley, 92  
 American Neurological Association, 48, 93  
 Anderson, Elizabeth Garrett, 139  
 anesthetics, study of  
   in animal experimentation, 130, 131  
   dosing determinations, 61–62  
   by Horsley, on himself, 15–16  
   movement and, cerebral localization of, 41  
   in neurosurgical techniques, 63  
 Anglo-Persian Oil Company, 162  
 animal studies, experimentation and. *See also* comparative anatomy  
   anesthetic use in, 130, 131  
   British Medical Association support of, 134  
   resolutions on, 129–130  
 Coalition for Medical Progress, 135  
   with Horsley-Clarke stereotactic apparatus, 65, 67–68  
 International Medical Congress resolution on, 129–130  
   movement and, cerebral localization of, 40–41  
   for pituitary gland tumor surgery, 78–79  
   for rabies, inoculation strategies, 30–31  
   regulatory legislation of, 128  
 Annandale, Thomas, 77  
 anthrax, 23–24  
 Anthropological Institute, lecture at, 99–100  
 antibiotics, for venereal diseases, 154  
 antiseptic approach  
   infection risks and, 19–20  
   at University College Hospital, 16  
 antivivisectionist movement, 18, 172–173. *See also* animal studies  
   British Union for the Abolition of Vivisection, 134  
   Brown Animal Sanatory Institution as target of, 23  
   Brown Dog Affair, 124–125, 131–133  
   Bayliss and, 131–132  
   lawsuit as result of, 131–132  
   student protests as result of, 133  
   Church of England and, 129  
   Cruelty to Animals Act and, 23  
   development and origins of, 128  
   Hadwen correspondence and, 133–134  
   National Anti-Vivisection Society, 128, 131  
   in newspapers, 128–131  
     *Daily Mail*, 134  
     *Daily News*, 131  
     *New York Times*, 130–131  
     *The Times*, 128–129, 130, 132, 134–135  
   *The Nine Circles of the Hell of the Innocent*, 128–131  
   opposition to Horsley, as candidate for Parliament, 124–125  
   public rallies as part of, 128  
   Queen Victoria and, 128  
   Research Defence Society in opposition to, 135  
   Royal Commission of Enquiry into Vivisection, 128  
   Second Royal Commission on Vivisection, 134–135  
   Sherrington, C., and, 130  
   suffragists in, 128  
   University College as focus of, 128  
   Victoria Street Society, 128  
 aphasia, 39  
   Broca, Paul, on, 38–39  
   Brown-Séquard, C. E., on, 39  
   Wernicke, Carl, 39  
 arachnoiditis, spinal, 83  
 archaeological interests, of Horsley, 100–101  
 Archibald, Edward, 70  
 Archway Hospital (London), 76  
 Armour, Donald, 70  
 Arnold, F. S., 129  
 Artists' Rifles, 156, 170  
 Asquith, H. H. (Prime Minister), 112, 137, 138, 166  
 athetosis, surgical treatment of, 81  
 Austen, Jane, 1  
  
 Babbage, Charles, 49  
 Babbie, William, 160, 161, 166  
 Baden-Powell, Robert, 1  
 Bailey, Percival, 91, 94

- Balfour, Arthur, 113  
Ballance, Charles, 15, 58, 70, 77, 130, 171  
Barrington, Frederick, 67  
Barry, Bishop Alfred, 129, 130  
Bartholomow, Roberts, 48  
Bastian, Charlton, 10  
Baudelaire, Charles, 1  
Bayliss, William, 131–132  
Beatrice (Princess), 1–2  
Beck, Adolf, 47–48  
Beck, Marcus, 11–12, 19–20  
Bedales School, 98, 170  
Beevor, Charles, 8  
    cerebral localization research, 34, 42–44  
Bell, Charles, 5  
Bell, Ernest, 132  
Bellevue Hospital, New York City, 93  
Bennett, James, 5–6  
Bergmann, Ernst von, 73, 74–75  
Bernard, Claude, 25, 96, 128  
Berthold, Arnold Adolph, 25  
Bingley, A. H., 162  
Bloody Sunday, 19  
Bloxham (Dr.), 107  
Boer War, 119  
Bond, Charles, 8, 15, 16  
Bordeu, Théophile de, 25  
Bouisson remedy, for rabies, 32  
Boyce, Rubert, 18, 89  
Bradley, David, 105–106  
*Brain*, 12–13, 15, 40, 67  
brain, of Horsley, preservation of, 170  
*The Brain as an Organ of Mind* (Bastian), 10  
brain development. *See* cerebral localization  
brain studies, for cerebral localization of brain functions, 48–49  
    by electrical stimulation, 48–49  
brain tumors. *See* intracranial tumors  
brain-mind relationship, 8–9  
Bramwell, Eldred. *See* Horsley, Eldred  
British Expeditionary Force, rum ration for, 148  
British Institute of Preventive Medicine (Lister Institute), 33, 129  
British Medical Association, 96, 108, 117–118, 173  
    on animal experimentation, 134  
    resolutions on, 129–130  
    medical reforms as focus of, conflict over, 117–118  
    National Insurance Bill and, 122, 123–124  
    nurses and, registration mechanisms for, 112  
    on venereal diseases, reform approach to, 152, 153  
*British Medical Journal*, 8, 112, 118, 138, 148, 164–165  
British Red Cross Society, 112–113, 158  
British Temperance Society, 96  
British Union for the Abolition of Vivisection, 134  
Broadbent, Sir William, 144  
Broca, Paul, 38–39  
    aphasia, description of, 39  
Brodie, Sir Benjamin, 4–5  
Bronte, Charlotte, 1  
Brotherhood Movement of Free Churches, 101, 159  
Brown, Thomas, 22–24. *See also* Brown Animal Sanatory Institution  
Brown Animal Sanatory Institution  
    antivivisectionist movement and, as target of, 23  
    Burdon Sanderson and, 22, 23–24  
    clinical practices of, 22–23  
    for vaccine development, 23–24  
    closing of, 24  
    establishment of, 22–24  
    goals and purposes of, 22  
    Horsley and, 24  
        canine chorea and, 34  
        cerebral localization and, 34  
        rabies research by, 24, 27–34  
        resignation of, 34  
        thyroid gland research by, 24, 26–27  
    Sharpey, W., and, 22  
Brown Dog Affair, 124–125, 131–133  
    Bayliss, W., and, 131–132  
    lawsuit as result of, 131–132  
    student protests as result of, 133  
Brown-Séquard, Charles Édouard, 25–26, 27, 98, 128, 171  
    on aphasic patients, 39  
    on cerebral localization of brain functions, 49  
Brunel, Isambard Kingdom, 4–5  
Brunton, Sir Lauder, 28–30, 144  
Buchanan, James, 1  
Bucknall, Rupert, 20  
Bucy, Paul, 81  
Burdett-Coutts, Angela, 128  
Buxton, Dudley, 8  
Calcott, Augustus Wall, 1  
Calcott, Elizabeth Hutchins. *See* Horsley, Elizabeth Hutchins  
callosotomy, for epilepsy, 73  
Cameron Prize, 95  
canine chorea, 34  
Carswell, Robert, 5–6  
Carter, Brudenell, 110  
Cat and Mouse Act. *See* Prisoners (Temporary Discharge for Ill-Health) Act  
Caton, Richard, 47–48  
Cecil, Lord Robert, 140  
cerebral cortex, 38  
    electrical activity of, 47–48  
cerebral localization, of brain functions  
    Beck, A., and, 47–48  
    Beevor, C., and, 34, 42–44  
    in brain studies, 48–49  
        for electrical stimulation, 48–49  
    Brown-Séquard, C. E., and, 39, 49  
    Caton, R., and, 47–48  
    in cerebral cortex, 38  
        electrical activity of, 47–48  
    Ferrier and, 48, 49  
        Cruelty of Animals Act of 1876, 42  
    Goltz and, confrontation between, 41–42  
    motor cortex, 44  
    for movement disturbances, 40–41  
    Gotch, F., and, 46–48  
    historical development of, 38  
    Horsley involvement in, 42–49  
        Croonian lectures and, 46–47  
        Gotch and, 46–47  
    Jackson, J. H., and, 39, 40–41, 48–49  
for language  
    aphasia, 39  
    Broca, P., and, 38–39  
    Brown-Séquard, C. E., and, 39  
    disturbances in, 38–39  
    Wernicke, Carl, 39  
for motor cortex  
    Horsley involvement in, 44–46  
    laryngeal, 45–46  
    perirolandic cortex, 44  
    prerolandic cortex, 44–45  
for movement and its disturbances, 39–41  
    anesthesia and, 41  
    in animals, 40–41  
    convulsive seizures, 40  
    Ferrier, D., and, 40–41  
    phrenologists and, 38  
    Schäfer, E. *See* Sharpey-Schafer, Edward  
    Semon and, 34, 42–44, 45  
    Sharpey-Schafer, E. (previously Schäfer, E.) and, 34, 42, 44, 48  
    Yeo, G., and, 41–42, 44  
cervical dystonia (torticollis), 81

Index

- Chandler, Edward, 54  
Chandler, Johanna, 54  
Chandler, Louisa, 54  
Charcot, Jean-Martin, 56, 57  
Charlotte (Queen), 54  
child welfare issues, 118–120  
    during Boer War, 119  
    under Children’s Act of 1908, 118–119, 144  
    compulsory education  
        requirements, 119–120  
        in London, 119–120  
    under Education Bill of 1902, 119  
    medical inspections as part of, 119–120  
    nutrition requirements and standards, 119  
    poverty as, 118–119  
    social activism for, ix  
Children’s Act of 1908, UK, 118–119, 144  
Church of England,  
    antivivisectionist movement and, 129  
Churchill, Winston, 139  
Clark, Andrew, 130  
Clarke, Robert, 61, 64–68, 77–78.  
    *See also* Horsley-Clarke stereotactic apparatus  
Cleveland Clinic, 91, 96  
Clinical Society of London, 26  
Coalition for Medical Progress, 135  
Cobbe, Frances Power, 128, 174  
    *The Nine Circles of the Hell of the Innocent* and, involvement in, 128–131  
Coleridge, Stephen, 128, 131, 134, 135, 174  
College of Nursing, 112–113  
Collie (Dr.), 107  
Colmore, Gertrude, 128  
color-blindness, of Horsley, 5  
Commission of Hydrophobia, 24  
Companion of the Order of the Bath, 161  
comparative anatomy, Horsley and, 94–95  
compulsory education  
    requirements, 119–120  
    in London, 119–120  
Congress of American Physicians and Surgeons, 59  
Conrad, Joseph, 1  
“contract practice,” 120–121  
convulsive seizures, 40  
Cooper, Irving, 81  
coroners, 113–114  
    responsibilities of, 113  
Cox, Alfred, 113  
Cranbrook, Kent, Willesley country home, 2–5  
    construction and design of, 2  
    as holiday home, 5  
Cranbrook colony, 2–3  
Cranbrook School, 3–4  
    foundation of, 3–4  
    foundationer students at, 4  
cranial surgery procedure, of Horsley, 177–178  
    bleeding during, control of, 178  
    brain incision, 178  
    closure, 178  
    drainage, 178  
    dura incision, 178  
    hemostasis, 177–178  
    operative exposure, 177  
    staged procedures, 177  
    suboccipital craniectomy, 177  
craniectomy. *See* suboccipital craniectomy  
Crichton-Browne, James, 40  
Crile, George Washington, 91, 96, 134–135  
Critchley, Macdonald, 175  
Croonian lectures, 46–47, 95  
Crowden, Charles, 3–4  
Cruelty to Animals Act, Great Britain (1876), 23, 42  
*The Cure of Consumption* (Alabone), 110  
Currie, Sir Donald, 10  
Cushing, Harvey, 63, 70, 77, 157  
    historical legacy of, 172  
    Horsley and, 93–94, 172  
    intracranial pressure studies by, 74–75  
Cushing’s reflex/Cushing’s law, 75  
Dale, Henry, 131  
Dandy, Walter, 77  
Darwin, Charles, 5  
Dawson, Margaret Damer, 128  
Dax, Gustave, 39  
Dax, Marc, 39  
death, in Mesopotamia  
    causes of, 163  
    letters received after, 164–167  
    during military service, ix, 156, 163–164  
decompressive surgery, for intracranial tumors, 76  
Denholm (Dr.), 106–107  
Despard, Charlotte, 128, 132  
Dickens, Charles, 1, 106  
Disraeli, Benjamin, 28–30  
*The Doctor* (Fildes), 19  
doctors. *See* physicians  
Dolan, Thomas, 31–32  
Dolbeau, Henri-Ferdinand, 63  
domestic life, 96–99. *See also* family members; Horsley, Eldred  
    children, 97–98  
    home residence, 97–98  
    marriage, 96–98  
    Paget, S., on, 97  
Duff, Sir Beauchamp, 161, 166  
Durante, Francesco, 52–53  
education. *See also* compulsory education requirements; University College; University College Hospital; *specific colleges and universities*  
    Bedales School  
        sons at, 98, 170  
    compulsory requirements, 119–120  
        in London, 119–120  
    Cranbrook School, 3–4  
        foundation of, 3–4  
        foundationer students at, 4  
    Edward VII (King), 11–12, 96  
    Egypt, during World War I, 159–161  
        family visits to, 160–161  
    Gallipoli campaign and, 160–161  
    in Mediterranean Expeditionary Force, 159–161  
    in Royal Army Medical Corps (Territorials), 159  
Elderton, Ethel, 146–147  
electrical stimulation, 63–64  
    for epileptic seizures, 72–73  
*Elements of Anatomy* (Quain, J.), 5–6  
Elgar, Edward, 1  
Ellis, G. Viner, 6  
endocrine system, 6. *See also* thyroid gland  
    internal secretions, concept of, 25  
epileptic seizures  
    electrical stimulation and, 72–73  
    Jackson, J. H., and, 72  
    localization of, 52  
    neurosurgery for, 52–54, 71–73  
    callosotomy, 73  
    experimental work in, 72–73  
    historical background on, 71–72  
    by Horsley, 52, 53–54, 61–62, 64  
    at National Hospital, 57, 61  
expert medical witness, Horsley as, 94  
family members, 1–2, 4–5. *See also* *specific people*  
    grandparents, 1  
    parents, 1–2  
    siblings, 2  
Ferguson, Sir William, 57  
Ferrier, David, 12–13, 41, 52, 56, 95, 171  
    on cerebral localization of brain functions, 48, 49

- Goltz and, confrontation  
    between, 41–42  
    for movement, 40–41  
filariasis, 135  
Fildes, Sir Luke, 19  
Flaubert, Gustave, 1  
Fleming, George, 28  
Flexner, Abraham, 172  
forcible feeding, of prisoners,  
    137–141  
Ford, Isabella, 128  
*Forschungen und Erfahrungen*  
    (Research and Experience)  
    (Semon), 94  
Foster, Michael, 6  
Foster Kennedy syndrome, 77  
Fothergill Gold Medal, 95  
foundationer students, at  
    Cranbrook School, 4  
Fox, Wilson, 10–11  
France  
    cerebral localization of brain  
        functions, historical  
        development of, 38  
    Salpêtrière Hospital, 56  
    during World War I, 158–159  
    in Wimereux, hospitals in,  
        158–159  
French, Sir John, 128, 141  
Freud, Sigmund, 91  
Freyberger, Ludwig, 113  
Fritsch, Gustav Theodor, 40  
*The Functions of the Brain* (Ferrier),  
    12–13, 41  
  
Gallipoli campaign, 160–161  
Galton, Francis, 5  
Gaskell, W. H., 95  
gender equality, social activism for,  
    ix  
General Medical Council, 10–11,  
    90–91, 96, 106, 108–111, 173  
Alabone and, 110–111  
Horsley and, election to,  
    109–111  
Horsley election to, 109–111  
Medical Act of 1858 and, 108–109  
Medical Act of 1886 and, 108–109  
*Medical Register*, 108, 109–110  
midwives registration and,  
    111–112  
purpose of, 108  
registration mechanisms, for  
    midwives, 111–112  
General Nursing Council for  
    England and Wales, 113  
George, David Lloyd, 122, 123–124,  
    137, 148, 158. *See also*  
    National Insurance Bill  
George III (King), 54  
George IV (King), 95  
George V (King), 11–12, 19, 96  
  
Germany, cerebral localization of  
    brain functions, historical  
    development of, 38  
Gilbey, Captain Walter, 57, 70, 82  
Gladstone, Herbert, 133, 138  
Gladstone, William, 133  
Glasgow Pathological and Clinical  
    Society, 52–53  
Godlee, Rickman, 11–12, 27, 52, 56,  
    117, 140, 174  
    row with Horsley, about cleansing  
        war wounds, 158  
Goltz, Friedrich, 41–42  
gonorrhea, 151  
Gordon Highlanders, 156  
Gotch, Francis, 2, 6–7, 8, 46–48, 72,  
    95, 97  
Gotch, Oliver Henry, 98  
Gowers, William, 8, 11–12, 56, 58,  
    59, 77, 95, 145  
*The Grammar of Science* (Pearson),  
    146  
Grant Medical College, 161  
Great Britain. *See also* London;  
    *specific topics*  
    cerebral localization of brain  
        functions, historical  
        development of, 38  
    Cruelty to Animals Act, 23, 42  
    rabies in, 28–34, 172–173  
        animal control strategies, 32  
        eradication of, 33–34  
    outbreak in deer at Richmond  
        Park, 31  
    quarantine regulations in, 33  
Green, Joseph, 32  
Greenfield, William, 24, 28  
Grünbaum. *See* Leyton, Albert S. F.  
Guillain-Barré syndrome, 32  
Gulbenkian, Calouste, 170  
Gull, Sir William, 26  
gunshot wounds to head, research  
    on, 156–157  
    clinical aspects of, 157  
    intracranial pressure  
        intervention, 157  
    physics of, 156–157  
    at Royal Institution, 156  
  
Haden, Charles Thomas, 1  
Haden, Francis Seymour, 1, 4  
Haden, Rosamund. *See* Horsley,  
    Rosamund  
Hadwen, William, correspondence  
    with, 133–134  
Hageby, Louise Lind af, 124–125,  
    128, 131, 132, 133  
*Handbook for the Physiological*  
    *Laboratory*, 23–24  
Handelsmann, Dr., 78–79  
Harcourt, Sir William, 105–106  
Hardinge, Lord, 166  
  
Harley, Vaughan, 18, 90  
Hartley, Frank, 84  
Heath, Christopher, 11–12, 18–19  
hemostasis, during intracranial  
    surgery, 63, 177–178  
Henry VIII (King), 3–4, 24, 96  
Herren, R. Y., 73  
Hill, Berkeley, 11  
Hine, J. E., 8  
historical legacy, of Horsley,  
    171–175  
Hitzig, Eduard, 40  
Horsley, Eldred (née Bramwell)  
    (wife), 17, 96–98, 135, 170  
    after death of Horsley (husband),  
        171  
    in Egypt, 160–161  
    suffragist movement and, 137  
Horsley, Elizabeth Hutchins (née  
    Calcott) (grandmother), 1  
Horsley, Emma Mary (sister), 2  
Horsley, Fanny Marian (sister), 2,  
    15  
Horsley, Gerald Callcott (brother),  
    2, 4, 89  
Horsley, Hugh John (brother), 2  
Horsley, John Callcott (father), 1, 4  
    as celebrated painter, 1  
    of Princess Beatrice, 1–2  
Horsley, Mary Elizabeth, 4–5  
Horsley, Oswald (son), 98, 170  
Horsley, Pamela Comfrey (née  
    Robinson) (daughter), 98,  
    160–161, 170  
Horsley, Rosamund (née Haden)  
    (mother), 1–2  
Horsley, Rosamund Brunel (sister),  
    2, 7–8, 98  
    marriage of, 2, 97  
    works of, 2  
Horsley, Siward (son), 97–98, 170  
Horsley, Victor. *See also specific*  
    *topics*  
    last will of, 170  
Horsley, Walter Charles (brother), 2  
Horsley, William (grandfather), 1  
Horsley-Clarke stereotactic  
    apparatus, 61, 64–68, 77–78,  
    82  
    animal studies with, 65, 67–68  
    patents for, 67  
    prototypes for, 67  
Hospital for Diseases of the Nervous  
    System, 56  
hospital ships, during World War I,  
    160, 164–165, 166  
House, William, 77  
Humphry, George, 130  
hunger strikes, by suffragists, 138  
    in *British Medical Journal*, 138  
    forcible feeding as response to,  
        138, 139



Index

- hunger strikes (cont.)  
    government response to, 139, 140–141  
    *Leigh v. Gladstone*, 138  
    under Prisoners (Temporary Discharge for Ill-Health) Act, 140–141  
Huxley, Thomas, 5, 33, 130  
hydrophobia, 28. *See also* rabies  
    Society for the Prevention of Hydrophobia, 33  
hypothyroidism, 27
- Imperial College of Science and Technology, 5  
Indian Medical Service, 160–161  
*Infamous Conduct* (Alabone), 111  
*Instincts of the Herd in Peace and War* (Trotter), 19  
“insuline,” discovery of, 6  
insurance reforms. *See* National Insurance Bill  
International Medical Congress, 59, 129–130  
intracranial aneurysms, 82  
intracranial pressure, experimental studies of, 73–74  
    clinical aspects of, 75  
    Cushing and, 74–75  
    experimental approaches to, 73–74  
intracranial tumors, neurosurgery for, 75–77  
    decompressive surgery, 76  
    hemispherectomy, 76  
    lobectomy, 76  
    papilledema and, localizing value of, 76–77  
Ireland, home rule for, 125  
Isaacs, Rufus, 131–132
- Jackson, J. Hughlings, 39, 40–41, 48–49, 52, 56–57, 64, 77, 95, 171  
Jenner, Sir William, 12, 58, 106  
Jodrell, T. J. Phillips, 6  
Jones, Ernest, 91, 92  
Joyce, Thomas, 5
- Keen, William, 48, 64, 70, 82  
Kennedy, Robert Foster, 77, 92–93  
Keogh, Sir Alfred, 160  
Keynes, John Maynard, 146  
Kingsford, Anna, 128  
Kitchener, Lord, 157  
Klein, Edward Emanuel, 42, 95  
Kocher, Emil Theodor, 26, 74–75, 93, 171, 172  
Kramer, S. P., 157  
Krause, Feodor, 48, 64, 83, 84  
Kronecker, Hugo, 74
- Lancet*, 55–56, 89, 106, 144–145, 152  
Landry’s paralysis. *See* Guillain-Barré syndrome  
language, cerebral localization of  
    aphasia and, 39  
    Broca and, 38–39  
    Brown-Séquard and, 39  
    language disturbances, 38–39  
Lankester, Ray, 33  
Lannelongue, Marie, 96  
Lannelongue, Odilon, 96  
Lannelongue Prize, 96, 143  
laryngeal motor cortex, 45–46  
Leigh, Marie, 138  
*Leigh v. Gladstone*, 138  
Leighton, Sir Frederic, 16  
Lenton, Lilian, 140  
Leyton, Albert S. F. (Grünbaum), 44–45, 89–90  
Liberal Party, 124–125  
Linacre, Thomas, 96  
Lister, Joseph, 5, 10–11, 28, 33, 56, 95. *See also* antiseptic approach  
Lister Institute. *See* British Institute of Preventive Medicine  
Liszt, Franz, 1  
Liverpool School of Tropical Medicine, 18  
Lobb, Harry, 55–56  
lobectomy, 76  
London, England. *See also* National Hospital  
    Archway Hospital, 76  
    compulsory education requirements in, 119–120  
    neurological hospitals in, 54–57  
    Hospital for Diseases of the Nervous System, 56  
    London Galvanic Hospital, 55–56  
    London Infirmary for Epilepsy and Paralysis, 56  
    National Hospital for the Paralysed and Epileptic, 10, 49  
    West End Hospital for Diseases of the Nervous System, Paralysis, and Epilepsy, 56  
London Galvanic Hospital, 55–56  
London Infirmary for Epilepsy and Paralysis, 56  
Long, Walter, 33  
Louis XV (King), 25  
Löwenthal, Max, 64–65  
Lukis, Sir Pardey, 161, 163
- Macewen, William, 52–53, 96, 172, 178  
    spinal surgery by, 58, 84  
MacNeece, James, 166  
Magendie, François, 25, 26, 63
- Magnus, Sir Philip, 5, 124–125  
Magnus, Vilhelm, 70  
malpractice protection, ix. *See also* Medical Defence Union  
Manson, Sir Patrick, 135  
Maple, Sir John Blundell, 10  
*Maria, Lady Callcott* (Horsley, R. B.), 2  
Marshall, Alfred, 146  
Marshall, John, 10–11, 19–20, 34, 95  
Martel, Thierry de, 70  
Martin, Sidney, 18  
Martin-Leake, Colonel, 95  
McCann, Isabel, 92  
McCarrison, Robert, 160–161  
McKenna, Reginald, 139, 140  
McMillan, Margaret, 119–120  
McMillan, Rachel, 119–120  
Medical Act, UK (1858), 106, 108–109  
Medical Act, UK (1886), 108–109  
Medical Defence Union, 90–91, 96, 105–108, 173  
    malpractice insurance and, 106  
    Medical Act of 1858 and, 106  
    membership levels in, 108  
    mixed reception to, 106  
medical practices, development of  
    for antiseptic approach, 5  
    institutional reform of, ix  
    for nursing, 5  
    qualifications for nurses, ix  
    standardization of disease certification, ix  
    treatment strategies for sexually transmitted diseases, ix  
Medical Protection Society, 108  
*Medical Register*, 108, 109–110  
*Medical Reports*, of West Riding Lunatic Asylum, 40, 41  
Medical Society of London, 95  
medicine, as career. *See also* medical practices; registration mechanisms; University College; *specific topics*  
    early interest in, by Horsley, 5  
Mediterranean Expeditionary Force, 159–161  
Mellus, E. Lindon, 89  
memorials, for Horsley, 171  
*Mendelssohn and his friends in Kensington* (Horsley, R. B.), 2  
Mercier, Charles, 139, 148  
Mesopotamia  
    Anglo-Persian Oil Company, 162  
death of Horsley in  
    causes of, 163  
    letters received after, 164–167  
    during military service, ix, 156, 163–164  
    Horsley in, 161–163  
Meyers (friend), 94

- Middlesex Hospital Medical Society, 100  
Midwifery Council, 113  
midwives, registration mechanisms for, 111–112  
by General Medical Council, 111–112  
Midwifery Council, 113  
Midwives Act, UK (1902), 111  
military service  
death during, in Mesopotamia, ix, 156, 163–164  
of Foster Kennedy, 93  
Mitchell, Silas Weir, 38  
Money, Angel, 8  
morality, venereal diseases and, 151  
*The Morning Post*, 152  
Morris, Sir Malcolm, 152  
Mosso, Angelo, 74, 172  
motor cortex, studies of  
Horsley involvement in, 44–46  
laryngeal, 45–46  
perirolandic cortex, 44  
prerolandic cortex, 44–45  
Mott, Frederick, 8, 16  
Moullin, Charles Mansell, 139, 140  
movement disorders, neurosurgery for, 81–82  
athetosis, 81  
cervical dystonia, 81  
with Horsley-Clarke stereotactic apparatus, 82  
Parkinson's disease, 81  
movement disturbances, cerebral localization and, 39–41  
anesthesia and, 41  
in animals, 40–41  
convulsive seizures, 40  
Ferrier and, 40–41  
Moxon, Frank, 141  
Muirhead, Gertrude, 113–114  
Murray, George Redmayne, 27  
myxedema, 26. *See also* thyroid gland
- National Anti-Vivisection Society, 128, 131  
National Hospital (at Queen Square), 18, 54–55, 56–57.  
*See also* neurosurgery; individual physicians  
Gowers at, 56, 59. *See also* Gowers, William  
Horsley at  
admitting privileges for, 58–59  
appointment to, 18, 56  
spinal surgery by, 57–58  
surgeries for epileptic seizures, 57, 61–62, 64  
Jackson at, 56–57, 64. *See also* Jackson, J. Hughlings  
Kennedy at, 92–93. *See also* Kennedy, Robert Foster  
origins of, 54–55  
peripheral nerve injury surgery at, 85  
staffing at, 56–57  
National Hospital for the Paralysed and Epileptic, 10, 49  
National Insurance Bill, UK, ix, 117, 120–124, 158, 173–174  
British Medical Association and, 122, 123–124  
“contract practice” and, 120–121  
physicians’ public response to, 122–123  
Royal Commission on the Poor Laws and, 122  
Naunyn, Bernhard, 74–75, 172  
Neosalvarsan, 151  
nervi nervorum, 17  
neuralgia. *See* trigeminal neuralgia  
neurological hospitals, in London. *See* London  
Neurological Institute, New York City, 93  
Neurological Society of London, 96, 170  
neurosurgery  
Cushing and  
historical legacy of, 172  
intracranial pressure and, 74–75  
for epilepsy, 71–73  
callosotomy, 73  
experimental and clinical work on, 72–73  
historical background on, 71–72  
Horsley’s techniques for, 62–68  
anesthesia use, 63  
electrical stimulation, 63–64  
hemostasis and, 63  
historical legacy of, 85–86, 91–94  
Horsley-Clarke stereotactic apparatus, 61, 64–68, 82  
for intracranial aneurysms, 82  
for intracranial pressure, 73–74  
clinical studies of, 75  
Cushing and, 74–75  
experimental approaches to, 73–74  
for intracranial tumors, 75–77  
decompressive surgery, 76  
hemispherectomy, 76  
lobectomy, 76  
papilledema and, localizing value of, 76–77  
for movement disorders, 81–82  
athetosis, 81  
cervical dystonia, 81  
with Horsley-Clarke stereotactic apparatus, 82  
Parkinson’s disease, 81  
for peripheral nerve injuries, 84–85  
at National Hospital, 85  
for pineal tumors, 80–81  
for pituitary tumors, 78–80  
animal studies for, 78–79  
experimental work by Horsley, 78–80  
in human subjects, 79–80  
non-functioning tumors, 78  
for posterior fossa tumors, 77–78  
stereotactic surgery, 77–78  
Scandinavian school, 70  
for spinal surgery, 57–58, 82–83  
arachnoiditis and, 83  
tuberculosis disease, 82–83  
for trigeminal neuralgia, 83–84  
New York City. *See* Bellevue Hospital; Neurological Institute  
*New York Times*, inspection of Horsley laboratory and, 130–131  
Nightingale, Florence, 5  
St. John’s Nursing Services, 54  
*The Nine Circles of the Hell of the Innocent* (Rhodes), 128–131  
Nobel Prize, Horsley nominated for, 172  
Norman, Priscilla, 158–159  
Norman, Sir Henry, 158–159  
*North London or University College Hospital Report of the Surgical Register*, 17–18  
nurses, nursing and  
British Red Cross Society, 112–113  
Order of St. John of Jerusalem and, 112–113  
registration mechanisms for, 112–113  
British Medical Association and, 112  
General Nursing Council for England and Wales, 113  
training for, 18  
College of Nursing, 112–113  
Royal College of Nursing, 113  
nutrition and health care for children, 119
- Oliver, George, 6  
*On Failure of Brain Power* (Althaus), 56  
Oppenheim, Hermann, 80  
*The Origin of the Species* (Darwin), 5  
Osler, Sir William, 24, 58, 93–94, 123, 172

Index

- Paget, Sir James, 28, 33, 95, 130
- Paget, Stephen, 97
- Pankhurst, Christabel, 137
- Pankhurst, Emmeline, 137, 141
- papilledema, localizing value of, 76–77
- Parkinson’s disease, 81
- Parliament, candidate for, 124–125
- antivivisectionist opposition, 124–125
- in Liberal Party, 124–125
- symbolism of candidacy, 125
- Pasteur, Louis, 95, 128
- rabies work of, 28–33, 134
- Pathological Society of London, 152
- La Patologia Chirurgica dell’Ipofisi* (Surgical Pathology of the Hypophysis) (Verga), 79
- Pattison, Granville Sharp, 5–6
- Paul, Frank Thomas, 79
- Pearson, Karl, 90, 143, 146, 173, 174
- alcohol use study
- conflicts with Horsley, 146–147
- criticism of, 146
- parental alcoholism as
- influence on, 146
- Pease, Jack (Lord Gainford), 120
- Penfield, Wilder, 48, 64, 96
- peripheral nerve injuries,
- neurosurgery for, 84–85
- perirolandic cortex, 44
- Petit, François Pourfour du, 38
- Philomathic Society, 8–9
- phrenologists, 38
- physicians
- educational standards for,
- establishment of, 106. *See also* General Medical Council; Medical Act, UK (1858); Medical Act, UK (1886)
- reaction to National Insurance Bill, 122–123
- Society for the Study of Inebriety, 144
- Pietri, Dorando, 133–134
- pineal tumors, 80–81
- pituitary tumors, 78–80
- animal studies and, 78–79
- experimental work by Horsley, 78–80
- neurosurgery for, by Horsley, 79–80
- non-functioning tumors, 78
- pleuropneumonia, 23–24
- politics. *See* Parliament; social activism
- Pollard, Bilton, 8, 96
- posterior fossa tumors, 77–78
- poverty
- as child welfare issue, 118–119
- Royal Commission on the Poor Laws, 122
- prerolandic cortex, 44–45
- The Pride of the Village* (Horsley, J.), 1
- Prison Act of 1898, UK, 137–138
- Prisoners (Temporary Discharge for Ill-Health) Act, UK (1913), 140–141
- Public Health (Venereal Diseases) Regulations of 1916, UK, 153–154
- publications, of Horsley
- professional (scientific), 182–197
- in *The Times of London*, 198–199
- Quain, Jones, 5–6
- Quain, Richard, 5–6, 28–30
- Queen Square, London. *See also* National Hospital (at Queen Square)
- National Hospital in, 18, 54–55, 56–57
- St. John’s Nursing Services, 54
- rabies
- causes of, 27–29
- diagnosis of, 28
- in Great Britain, 28–34, 172–173
- animal control strategies, 32
- eradication of, 33–34
- muzzling and, 32
- outbreak in deer in Richmond Park, 31
- quarantine regulations in, 33
- Guillain-Barré syndrome and, 32
- mortality rates for, 27–28
- Pasteur’s work on, 28–33, 134
- research on
- animal inoculations as part of, 30–31
- by Horsley, at Brown Animal Sanatory Institution, 24, 27–34
- symptoms of, 28
- treatment strategies for, 32–33
- Bouisson remedy, 32
- Radcliffe, Charles, 98
- Recollections of a Royal Academician* (Skerrett), 1–2
- registration mechanisms, 111–113
- for midwives, 111–112
- by General Medical Council, 111–112
- Midwifery Council, 113
- under Midwives Act, 111
- for nurses, 112–113
- British Medical Association, 112
- General Nursing Council for England and Wales, 113
- Rent Day at Haddon Hall* (Horsley, J.), 1
- Research Defence Society, 135
- Reverdin, Auguste, 26
- Reverdin, Jacques-Louis, 26
- Reynolds, Sir Russell, 11–12
- Rhodes, G. M., 128–131
- Rideal, Charles F., 106
- Ridsdale, E. A., 162
- Ringer, Sidney, 10–11, 19
- Robinson, Edward Stanley Gotch, 170
- Robinson, Pamela Comfrey. *See* Horsley, Pamela Comfrey
- Roman Empire, surgery during, 100
- Romanes, George John, 95, 152
- Roscoe, Sir Henry, 28–30, 33
- Ross, Ronald, 1
- Roy, Charles Smart, 24, 33
- Royal Army Medical Corps (Territorials), 159
- Royal College of Nursing, 113
- Royal College of Surgeons of England, 10–11, 17, 91, 110–111, 117, 140, 158
- Godlee, R., and, 117
- Horsley becomes a fellow of, 17
- lack of representation of members, 117
- Royal Commission of Enquiry into Vivisection, UK, 128
- Royal Commission on the Poor Laws, 122
- Royal Society of London, 41, 58, 95, 179
- Royal Society of Medicine, 26, 77, 80–81
- Royal Society of Painter-Etchers and Engravers, 1
- Royal Society of Printmakers, 1
- Ruffer, M. Armand, 129
- Rule 243A, UK (1910), 139
- rum rations, 148–149
- for British Expeditionary Force, 148
- Runciman, Walter, 119–120
- Russell, James Risien, 91
- Sachs, Ernest, 67, 70, 81, 91
- St. John’s Nursing Services, 54
- Salpêtrière Hospital, 56
- Salvarsan, 151, 154
- Sanderson, John Burdon, 6–7, 8, 9, 17–18, 42, 46
- Brown Animal Sanatory Institution and, 22, 23–24
- Sargent, Percy, 70
- Savill, Agnes, 139, 140
- Scandinavian school, of
- neurosurgery, 70
- Schäfer, E. *See* Sharpey-Schafer, Edward
- Schäfer, Edward. *See* Sharpey-Schafer, Edward

- Schartau, Leisa K., 131, 132  
Schiff, Moritz, 26, 171  
scientific awards and honors, of  
    Horsley, 95–96, 179–181  
    Cameron Prize, 95  
    Croonian lecture, 46–47, 95  
    Fellowship of Royal Society, 95  
    Fothergill Gold Medal, 95  
    Lannelongue Prize, 96, 143  
    Nobel Prize nominations, 172  
    society memberships, 96  
Second Royal Commission on  
    Vivisection, UK, 134–135  
Semon, Felix, 26  
    cerebral localization research, 34,  
        42–44, 45  
    relations with Horsley, 94  
Semple, David, 160  
sex education, venereal disease  
    prevention for children, 153  
Shaftesbury, Lord, 128  
*The Shambles of Science* (Hageby  
    and Schartau), 131, 132  
Sharpey, William, 5–6  
    Brown Animal Sanatory  
    Institution and, 22  
Sharpey-Schafer, Edward, 6–7,  
    17–18, 26, 56, 95, 171  
    cerebral localization research, 42,  
        44, 48  
    conflict with Horsley, 90  
Shaw, Richard Norman, 2–3  
Sherrington, Charles, 1, 34, 44–45,  
    48, 64–65, 93, 174  
    during antivivisectionist conflict,  
        130  
    conflict with Horsley, 89–90  
Silk, John, 8  
Skerrett, Marianne, 1–2  
Smith, F. J., 123  
social activism, ix, 173, 174. *See also*  
    *specific activities and*  
    *organizations*  
    in suffragist movement, violence  
        as part of, 137  
        Lenton, L., and, 140  
Society for the Prevention of  
    Hydrophobia, 33  
Spencer, Walter, 74  
Spiller, W. G., 83  
spinal arachnoiditis. *See*  
    arachnoiditis  
spinal surgery  
    arachnoiditis and, 83  
    by Horsley, at National Hospital,  
        57–58, 82–83  
    by Macewen, 58, 84  
    tuberculous disease, 82–83  
spinal tuberculosis, 82–83  
spontaneous generation of life, 10  
Squire, P. W., 63, 177–178  
Stanley, Arthur, 112–113  
Starling, Ernest, 131, 132, 134,  
    135  
stereotactic surgery, 77–78. *See also*  
    Horsley-Clarke stereotactic  
    apparatus  
Stevenson, Robert Louis, 54  
Sturge, Mary, 144, 145, 146–147,  
    149  
suboccipital craniectomy, 177  
suffragette, as derogatory term, 128  
suffragist movement, women’s  
    rights and  
    activist violence as part of, 137  
    Lenton, L., and, 140  
    Horsley, Eldred, and, influence of,  
        137  
    organizations in, 137  
    Sir Almroth Wright’s letter in  
        *The Times*, 139  
    Women’s Social and Political  
    Union and, 137  
suffragists  
    in antivivisectionist movement,  
        128  
    hunger strikes by, 138  
    in *British Medical Journal*, 138  
    forcible feeding as response to,  
        138, 139  
    government response to, 139,  
        140–141  
    *Leigh v. Gladstone*, 138  
    Prisoners (Temporary  
        Discharge for Ill-Health) Act  
        and, 140–141  
    imprisonment of, 137–138  
    under Rule 243A, 139  
    under Prison Act of 1898,  
        137–138  
Surgical Pathology of the  
    Hypophysis. *See La Patologia*  
    *Chirurgica dell’Ipofisi*  
surgical registrar  
    Horsley as, 14–18, 152  
    resignation from, 18  
    responsibilities of, 17–18  
Swayne, Martin, 163  
Swedenborg, Emanuel, 38  
Swetmore, Eliza, 105–106  
Swift, James, 67  
Swift, Sarah, 112–113  
Sydenham of Combe (Lord), 152  
syphilis, 151, 152. *See also* venereal  
    diseases  
    earliest appearances of, 151  
    symptoms and long-term  
        implications of, 151  
    treatment of, 151, 152  
Taft, William Howard, 1  
Tait, Robert Lawson, 106–107, 130  
temperance movement, 173. *See also*  
    alcohol abuse; alcohol use  
British Medical Association and,  
    144  
British Medical Temperance  
    Association, 144  
International Association of  
    Abstaining Physicians, 144  
medical advocates in, 144  
National Temperance League,  
    144  
Society for the Study of Inebriety,  
    144  
Territorials. *See* Royal Army  
    Medical Corps  
Thackeray, William Makepeace, 1  
Thane, George Dancer, 6–7  
Third London General Hospital, 158  
Thompson, Joseph John, 95  
Thompson, Seth, 4  
thyroid gland  
    hypothyroidism and, treatment  
        of, 27  
research on  
    early influences on, 26  
    history of, 24–27  
    by Horsley, at Brown Animal  
    Sanatory Institution, 24,  
        26–27  
    myxedema and, 26  
*The Times*, 91, 114, 123, 138, 158,  
    166  
    antivivisectionist movement in,  
        128–129, 130, 132, 134–135  
    suffragist movement in, 139  
torticollis. *See* cervical dystonia  
*Treatise on Medical Electricity*  
    (Althaus), 56  
trephining, during Neolithic period,  
    99–100  
Treves, Sir Frederick, 19  
trigeminal neuralgia, 83–84  
Trinity College. *See* University of  
    Dublin  
Trollope, Anthony, 1  
Trotter, Wilfred, 19, 20, 70  
Troutbeck, John, 113–114, 173, 174  
Truman, Harry, 19  
Tubby, Alfred, 160  
tuberculosis, spinal, 82–83  
tumors. *See specific tumors*  
Turner, George Grey, 164  
Turner, Sydney, 33  
Tyndall, John, 95  
*The Unexpurgated Case Against*  
    *Woman Suffrage* (Wright,  
    A.), 139  
United Kingdom (UK). *See also*  
    Great Britain; *specific topics*  
    Children’s Act of 1908, 118–119,  
        144  
    General Nursing Council for  
        England and Wales, 113



Index

- United Kingdom (UK) (cont.)  
  Medical Act of 1858, 106, 108–109  
  Medical Act of 1886, 108–109  
  Midwives Act, 111  
  National Insurance Bill, ix, 117,  
    120–124, 158, 173–174  
  British Medical Association  
    and, 122, 123–124  
  “contract practice” and,  
    120–121  
  physicians’ public response to,  
    122–123  
  Royal Commission on the Poor  
    Laws and, 122  
  Prison Act of 1898, 137–138  
  Prisoners (Temporary Discharge  
    for Ill-Health) Act, 140–141  
  Public Health (Venereal Diseases)  
    Regulations of 1916, 153–154  
  Royal Commission of Enquiry  
    into Vivisection, 128  
  Royal Commission on the Poor  
    Laws, 122  
  Rule 243A, 139  
  Second Royal Commission on  
    Vivisection, 134–135  
  Venereal Diseases Act of 1917,  
    153–154  
United States (US)  
  American Neurological  
    Association, 48, 93  
  cerebral localization of brain  
    functions, historical  
    development of, 38  
  Congress of American Physicians  
    and Surgeons, 59  
University College, London, 5–9  
  antivivisectionist movement and,  
    128  
  appointments at, 16, 18, 19  
  establishment as medical school,  
    5–6  
  professors and, 5–6  
  fellow students, 8  
  Philomathic Society, 8–9  
  scientific approach at, 8  
University College Hospital  
  administrative appointments  
    at, 19  
  antiseptic approach, 16  
  clinical appointments at, 15, 17–19  
  clinical training at, 10–13  
  establishment of, 10  
  teaching staff at, 10–13  
  Horsley as vice dean, 19  
University of Dublin (Trinity  
  College), 22, 24  
University of London, 5, 10, 19. *See*  
  *also* Brown Animal Sanatory;  
  University College, London  
Van Wagenen, W. P., 73  
venereal diseases, 151–152  
  alcohol use and, 153  
  gonorrhea, 151  
  morality and, 151  
  under Public Health (Venereal  
    Diseases) Regulations of  
    1916, 153–154  
  reform in approach to, agitation  
    for, 152  
  British Medical Association  
    and, 152, 153  
  through royal commission of  
    inquiry, 152–154  
  sex education of children as  
    element of, 153  
syphilis, 151  
  earliest appearances of,  
    151  
  symptoms and long-term  
    implications of, 151  
  treatment for, 151, 153, 154  
Venereal Diseases Act of 1917, UK,  
  153–154  
Verdi, Giuseppe, 1  
Verga, Giovanni, 79  
Victoria (Queen), 1–2, 11–12,  
  156  
  antivivisectionist movement and,  
    involvement in, 128  
  Fox, W., as physician-  
    extraordinary to, 10–11  
Victoria Street Society, 128  
Vincent, Clovis, 70  
Vincent, Sir William, 162  
von Marxow, Fleischl, 47–48  
Walshe, Sir Francis, 160,  
  161  
Walter, Elvira, 2  
Walton, Lawson, 132  
Waterhouse, Paul, 10  
Webb, Beatrice, 122  
Webster, Thomas, 2–3  
Wernicke, Carl, 39  
West End Hospital for Diseases  
  of the Nervous System,  
    Paralysis, and Epilepsy, 56  
*Westminster Gazette*, 124  
Whitaker, Smith, 122–123  
Whitehead, James, 32–33  
Whitelegge, Benjamin Arthur,  
  2, 15  
Wilks, Samuel, 130  
will, of Horsley, Victor, 170  
Williams, Dawson, 8, 118  
Willis, Thomas, 38  
Wilson, S. A. Kinnier, 67  
Wimereux, France, hospitals in,  
  158–159  
Wire, David (Alderman), 54  
Women’s Social and Political  
  Union, 137  
Wood, Ethel, 98  
Woodward, Anna Louisa, 132  
World Medical Association, 173  
World War I  
  Amara War Cemetery, 164  
  Artists’ Rifles, 156  
  British Red Cross Society,  
    158  
  in Egypt, 159–161  
    family visits to Horsley,  
      160–161  
  in Mediterranean  
    Expeditionary Force,  
      159–161  
  in Royal Army Medical Corps  
    (Territorials), 159  
  in France, 158–159  
    in Wimereux, hospitals in,  
      158–159  
  in Gallipoli campaign, 160–161  
  Gordon Highlanders, 156  
  hospital ships during, 160,  
    166  
  as “insane folly,” 156  
  medical services during, criticism  
    of, 157–158  
  Godlee, R., and, 158  
  in Mesopotamia, 161–163  
    death of Horsley in, 156,  
      163–164  
Wright, Sir Almoth, 139,  
  160  
Yeo, Alfred William, 125  
Yeo, Gerald, 41–42, 44