

INDEX

Abbott, Gilbert, 169-172 religious/moral issues, 52, 61-63, 70 Abel, J., 32-33, 34 types/devices, 52-53 The Accomplish't Midwife (Mauriceau), auscultation 163-164 acceptance of, 12 adaptability, concept of, 150-151, diagnostic expectations for, 10 Hippocrates' technique for, 5 201-202 Airs, Waters, Places (Hippocrates), 131-132 Laennec's book on, 7-8 Albers, Tim, 41 learning issues, 9 Alexander, Shana, 44-46 subjectivity of medical findings, 27 Altman, Lawrence, 41 autopsy, and diagnosis, 137-138 American College of Surgeons (ACS), 79 American Hospital Association (AHA), 191 bacteria, 18-19 American Medical Association (AMA), 95, Baker, S. Josephine, 140-141 Balfour, Thomas, 113 155-156 American Public Health Association Barnard, Christiaan, 64 (APHA), 151-152, 155-156 Bayle, Gaspard, 4-5 American Recovery and Reinvestment bellows, in artificial respiration, 52-53 Berger, John, 27-29 Act, 98 Berk, H. Th. J., 35 costs of, 103 anatomical defects, 150 bias types anatomy/anatomization observer, 113-115 historical origins, 4 selection, 111-113, 115 influence on medical thinking, 8, 14-15, Bingle, Adolf, 115 birth attendants, 169. See also midwife, anesthesia/anesthetists training/education of and artificial respiration, 59-61 Bischoff, Johann, 177 Black's Law Dictionary, 65 in childbirth, 172-173 and religious factors, 173 bloodletting, 105-110 in surgical tests, 169-172 Bloomingdale Brothers, 22, 24 Bonomo, Giovanni, 17–18 antiseptic/aseptic procedures, 176-178, Boston Women's Health Book Collective, 182-183 The Art (Hippocrates), 69-70 artificial kidney. See also kidney dialysis; Breslow, Lester, 152-153 kidney failure Brinkman, Robert, 32, 34 creation/development of, 32-33 Bureau of the Budget, 48-49 as harbinger of new era, 45 Bush, George W., 97 rationing/allocation decisions, 31, Cabot, Richard C., 77-79, 94 43-44, 46-47 artificial respirators/respiration Cannon, Walter, 77 IPPV treatment, 59-61 cardio-pulmonary resuscitation (CPR), 71, iron lung therapy, 56-59



INDEX

case method of instruction, 77	controlled trials, 118, 119-121
"Case Records of the Massachusetts	Copenhagen polio epidemic, 60–61
General Hospital," 78–79	cost-effectiveness. See also Oregon Basic
Casey, Lawrence, 67	Health Services Act
cathode ray, 20. See also X-ray	as means of allocation, 123-124
Catholic/Christian faith, and artificial	cost of care, and patient records, 97-98
respiration, 61-63, 70	counter-culture movement, 181–182
Cattell, Henry, 23	CPR (cardio-pulmonary resuscitation), 71,
	- · · · · · · · · · · · · · · · · · · ·
cellophane/cellophane tubing, 32, 34	203
cells	Crookes tube, 20. See also X-ray
body as "cellular state," 139	Cullen, William, 2–3, 174
discovery of, 15-17	Cushing, Harvey, 80
Cellular Pathology (Virchow), 139	
Chalmers, I., 118–119, 120	Davy, Humphry, 169
Chamberlens (English medical family),	De humani corporis fabrica (Vesalius), 4,
163–166	14-15, 137
childbirth. See also ultrasound technology	de Sauvages, François Bossier, 136
anesthesia in, 172-173	death
and asepsis, 180	definitions/concepts of, 62–63, 65
	Natural Death Act, 71
home vs. hospital birth, 179–180,	
185	Decorum (Hippocrates), 189–190
intervention in, 180–181	defensive medicine, 102, 219, 220
labor, 160–162, 179	The Design of Experiments (Fisher), 116
natural, 184–185	diagnosis
and obstetric forceps, 158, 162–169	and autopsy, 137–138
and puerperal fever, 174–177	and concept of disease, 135-137
social/cultural factors, 159	and medical illustrations, 15
technological transformation of, 158,	patient's narrative/subjectivity, 2,
185	12-13
Childbirth Without Fear: The Principles	and precision of technologies, 28–29
Childbirth Without Fear: The Principles and Practice of Natural Childbirth	and precision of technologies, 28–29
and Practice of Natural Childbirth	and screening, 145-150
and Practice of Natural Childbirth (Dick-Read), 184–185	and screening, 145–150 and stethoscope invention/usage, 1, 6–9
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55,	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31,	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68,	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13,
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue,
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See also patient record	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship Doll, Richard, 119
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See also patient record confidentiality, of medical records,	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship Doll, Richard, 119 Donald, Ian, 195
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See also patient record confidentiality, of medical records, 100–102	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship Doll, Richard, 119 Donald, Ian, 195 double-blind controlled trials, 119–120
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See also patient record confidentiality, of medical records,	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship Doll, Richard, 119 Donald, Ian, 195 double-blind controlled trials, 119–120 Drinker, Philip, 54–56
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See also patient record confidentiality, of medical records, 100–102	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship Doll, Richard, 119 Donald, Ian, 195 double-blind controlled trials, 119–120
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See also patient record confidentiality, of medical records, 100–102 congressional hearings, on Medicare,	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship Doll, Richard, 119 Donald, Ian, 195 double-blind controlled trials, 119–120 Drinker, Philip, 54–56
and Practice of Natural Childbirth (Dick-Read), 184–185 Children's Hospital in Boston, 54–55, 56–57 civil rights movement, 181–182 clinical-pathological correlation, 78–79 Coalition for Patient Privacy, 101 Cochrane, Archie, 120 Codman, Ernest Amory, 79–82, 94 College of Physicians, 168–169 College of Surgeons, 168–169 collodion, 32–33 community values/perspective and artificial kidney rationing, 31, 43–44, 46–47 and Karen Ann Quinlan case, 68, 70–71 comparative perspective, in treatment evaluation, 110–111 computers, in clinical medicine, 90–92. See also patient record confidentiality, of medical records, 100–102 congressional hearings, on Medicare, 49–50	and screening, 145–150 and stethoscope invention/usage, 1, 6–9 X-ray use in, 23, 24–25 dialogue, in medical relationship, 200–201 Dick-Read, Grantly, 184–185 diphtheria treatment research, 115 disability, physical, 150 disease prevention, 140–145 diseases. See also diagnosis; puerperal fever bacterial sources of, 18–19, 139 classification of, 2–3 as entities, 135–137, 139 as having seats, 4 screening for, 145–150 treatment of, 8–9 DNA markers, 154 Do Not Resuscitate (DNR) order, 71–72 doctor/patient relationship, 1, 7–8, 12–13, 181–182, 190–191. See also dialogue, in medical relationship Doll, Richard, 119 Donald, Ian, 195 double-blind controlled trials, 119–120 Drinker, Philip, 54–56 Dubos, René, 201–202



INDEX

1 1 : (1:	1 11 611
early detection, of disease, 140-145. See	health/illness concept of, 130-131
also diseases	medical information disclosure, 189–190
Eastman, George, 19–20	Greenwood, Major, 115–116
Edison, Thomas Alva, 23	Grossman, Jerome, 95–96
education, and patient record use, 77-79	
effectiveness, of technologies, 50–51,	Haas, George, 33, 34
121	Haid, Bruno, 61
Effectiveness and Efficiency (Cochrane),	haplotype maps/bins, 154
120	Hart, Philip D'Arcy, 118
Ehrlich, Paul, 187	Harvard Law School, 77
electronic fetal monitoring (FFM) 2.10	health maintenance organizations (HMOs),
electronic fetal monitoring (EFM), 219	
electronic health record (EHR), 96–99. See	95-96
also patient record	Health Online, 193–194
End Result System, 80–82	health promotion, 152–153
"English Hippocrates." See Sydenham,	health/illness concepts
Thomas	cellular changes, 139
environmentalist concept of health,	environmentalist concept, 130–132, 157
130-132, 150-151, 157	periodic medical examination, 140–145
epidemics, polio, 60–61	structuralist concept, 132-133,
ethics	138-139, 150-151
and artificial respiration, 61-63	Hearst, William Randolph, 23
committees, 68–69, 72–73	heparin, 33, 34
medical ethics renewal, 181-182	Hermann Hospital, 71-72
evidence	high technology, as form of care, 50-51.
of illness, 5	See also technology
of patient narrative, 26	Hill, Austin Bradford, 115–119
and X-rays, 27, 28	HIPAA legislation, and confidentiality and
examination, periodic medical, 140–145	privacy to the
	privacy, 101–102
experience, Louis' critique of, 108–109	Hippocrates/Hippocratic writings. See also
(1)	Greeks, ancient
false negative tests, 145	auscultation technique, 5
false positive tests, 145, 149	background/views of, 130–131
Feingold, Eugene, 155–156	and bloodletting, 105
Feinstein, Alvan, 91–92	essays, 131–132, 189–190
Ferguson, Tom, 193–194	patient-driven narratives, 1-2
Fisher, R. A., 116	therapeutic power, 69-70
follow-up system, 82–83	hirudin, 32-33
forceps. See obstetric forceps	HMOs (health maintenance organizations),
Fremont-Smith, Maurice, 144	95-96
, , , , ,	Holmes, Oliver Wendell, 10–11, 175,
Galen (Greek physician), 105	206
genetic science developments, 153–155	Hooke, Robert, 15-17
genetic testing, 149	Hope, James, 12
genome mapping, 153–155	Hornby, John, 83–84
Glasser, Otto, 21	hospitals
Glazer, Nathan, 49	and birth, 174, 178–179
Google, and personal health records,	infection in, 174–175
100-101	humors
Gordon, Alexander, 174–175	balance of, 133
Gottschalk, Carl, 48–49	and bloodletting, 105-106
government	relation to health/illness, 130–131
and medical technology limits, 70-72	Humphreys, D., 176
oversight of medical care, 94–96	
Graham, Thomas, 32	Ibsen, Bjørn, 60
The Grammar of Science (Pearson), 27	illness/health concepts
Greeks, ancient. See also Hippocrates/	cellular changes, 139
Hippocratic writings	environmentalist concept, 130-132, 157
Galen, 105	periodic medical examination, 140–145



INDEX

illness/health concepts (cont.)	Lamaze, Ferdinand, 184–185
structuralist concept, 132-133,	landmark experiments, 117–120
138-139, 150-151	Langdell, C. C., 77
images	Lassen, H. C. A., 60
and disease diagnosis, 15	Levitt, J. W., 159
as evidence, 24–25, 27, 28	Life Extension Institute, 141–142, 143
photographic, 19–20	Lind, James, 111–112
X-ray, 14	Lister, Joseph, 176–177
infection, in hospital environments,	living will, 71
174-175	Longfellow, Fanny, 172
information, withholding of medical,	Loudon, I. S. L., 168
189-193	Louis, Pierre, 108–111
innovation, and learning issues, 9	Lowe, Jacob, 24
institutions, and medical technology limits,	lying-in hospital, for birthing needs, 174
72-73	M 1: F : 0
insurance coverage. See also Medicare/	Magendie, François, 8
Medicaid	Man Adapting (Dubos), 201–202
and Oregon Basic Health Services Act,	March of Dimes, 59
121-128	Martin, William J., 23
intermittent positive pressure ventilation	masking methods, 114–115
(IPPV), 59-61	Massachusetts General Hospital (MGH),
International Committee of Medical	74-76, 86, 169-172
Journal Editors, 120–121	Massachusetts Medical Society, 171–172
Internet collaboration, 193–194 iron lung, 56–59. <i>See also</i> artificial	Mauriceau, François, 163–164 Mayo brothers, 76–77, 86–87
respirators/respiration	McGill University, 23
respirators/respiration	McKhann, C. F., 55–56
Jackson, Henry, 48-49	measles, 135
Jackson, James, 106–108	medical education, and patient record use,
jackson, james, 100 100	77-79
Karmel, Marjorie, 184-185	medical error reduction, 96–97. See also
Keep, Nathan Cooley, 172	patient record
kidney dialysis	Medical Ethics (Percival), 171–172
center-based, 40-41, 42	medical examination, periodic, 140-145
cost/financial support of, 42, 43, 47-48,	medical information, withholding of,
208	189–193
home-based, 41, 48	medical record. See patient record
Medicare funding, 49–50	Medical Research Council, 117
rationing/allocation decisions, 31,	Medicare/Medicaid, 49-50, 95, 121-128
43-44, 46-47	medicine
and transplantation, 41–42	and objectivity, 26
kidney failure. See also artificial kidney	as profession, 3, 9–10
and dialysis treatment, 37, 40–41	as science, 12–13
government focus on, 48–49	"truth" in, 29
and Medicare law, 49–50	in visual age, 14
study of, 33	Medicine/Public Health Initiative, 155–156
Kings County Medical Society, 42–43	membrane research, 32
Koch, Robert, 18–19, 139, 175–176	Mesmer, Franz Anton, 113–115
Kolff, Willem, 31–32, 34–39, 46	Metropolitan Life Insurance Company,
Koop, C. Everett, 156	144 M: (II 1)
Korean War, 40	Micrographia (Hooke), 15–17
Kubrick, Stanley, 199	microscope, 15–18, 19, 139
labor in himb = (a = (a = = o Coc = li-	Microsoft, and personal health records, 97
labor, in birth, 160–162, 179. See also	midwife, training/education of, 159–160,
childbirth	The Modern Hostital (Hornby) Re R.
Lagner, M. 162	The Modern Hospital (Hornby), 83–84
Lalonde, Mark, 152–153	Monro, Alexander, 2–3
LAROUGE, IVIALK, 182-152	moral guidance, vz. see also educs



INDEX

Morgagni, G. B., 4, 137–138, 186 costs of, 103 mortality reduction, 177-178 in doctor's head, 84-85 electronic health record (EHR), 96-99 Morton, William T. G., 169-172 Mountain Electric Company, 23 End Result System, 80-82 multiphasic population screening, 146-148 ethical/legal dimensions, 102 follow-up system, 82-83 narrative. See patient's narrative/ and government/social oversight, 94-96 perspective HIPPA legislation, 101–102 National Academy of Sciences' Institute of hospital standards/record keeping, 79, Medicine, 96 85-86 National Foundation for Infantile in medical education, 77-79 Paralysis, 59 and Medicare/Medicaid, 95 National Health Council, 142-143 mission of, 74 National Institutes of Health, 48-49 multiple use fulfillment, 102-103 Natural Death Act, 71 19th century development of, 74-77, Necheles, Heinrich, 33 negative pressure devices, 52, 53. See also personal health record, 100–101 PROMIS, 92–94 artificial respirators/respiration The New England Journal of Medicine, and quality of care, 79 78-79 and specialization, 85 New Jersey Supreme Court, 65, 66-69 standardization, 87-90 A New Perspective on the Health of telecommunications, use of, 94 Canadians (Lalonde), 152–153 unified records, 86-87 Nightingale, Florence, 76 unifying role, 103-104 Nosologia methodica, sistems morborum Patient's Bill of Rights, 191 classes, genera et species (de patient's narrative/perspective Sauvages), 136 and diagnostic technologies, 12-13 numerical method, in treatment evaluation, in early works of medicine, 1-3 TTO-TTT rejection/disregard of, 26, 27 truth of personal meaning, 29 Obama, Barack, 98 Pearl, Raymond, 87-89 objectivity. See also patient's Pearson, Karl, 27 narrative/perspective pectoriloquism, 7 in depiction of illness, 27-29 Peebles, Allen, 84-85 Percival, Thomas, 171-172 elimination of subjective elements, 29-30 of medical findings, 26 periodic medical examination, 140-145 personal health record, 100-101. See also of photography/X-rays, 26-29 observer bias, 113-115 patient record observer variance, 19, 28 Petchesky, R. P., 199 obstetric forceps Peterson, Osler, 84-85 concealment of, 158, 164 photography, 18-20, 26-28 origins/use of, 162-169 phthisis. See tuberculosis "On a New Kind of Rays, A Preliminary physical examination. See also periodic Communication" (Röntgen), 21 medical examination Oregon Basic Health Services Act, 121-128 doctors' restraint in, 3 "Osmotic Force" (Graham), 32 and modesty/privacy, 4-5 Our Bodies, Ourselves (Boston Women's periodic, 140-145 Health Book Collective), 183-184 vs. technological examination, 24–25, Outdoor Department (New York Lying-In Hospital), 178-180 The Physician (Hippocrates), 132 Physician Standards Review Organizations, Pasteur, Louis, 175-177 pathology physicians clinical-pathological conferences, 77-79 and medical technology limits, 71-72 study of, 4 medication information disclosure, patient record 189–193 adequacy of, 83-84 and periodic examinations, 143-145 computerization of, 90-92, 96 Pintard, John, 151–152



INDEX

Pius XII (pope), 52, 61–63, 70 Rush, Benjamin, 106 poliomyelitis epidemics, 54-55, 60-61 Saetman, A. R., 200 IPPV treatment, 59-61 scabies, 17-18 iron lung therapy, 56-59 Schatz, Albert, 117 ventilator/respirator development, 55-56 schools, periodic medical examination in, popes. See Pius XII (pope) 140-141 population screening, multiphasic, Schreiner, George, 49 146-148 scientific frame of mind, 27 positive pressure devices, 52. See also screening, for disease, 145-150 artificial respirators/ Scribner, Belding, 40–41, 42–43, 48, 49 respiration scurvy treatment research, 111-112 precision, as technologic value, 28-29 The Seats and Causes of Diseases Presbyterian Hospital (New York), 82-83, Investigated by Anatomy (Morgagni), 4, 137-138 86-87 Principles of Medical Statistics (Hill), Seattle Artificial Kidney Center, 42-43 secret remedies, 166-167, 171-172 116-117 priorities, in Oregon Basic Health Services selection bias, 111-113 Act, 123-124 self-help groups, 193 Semmelweis, Ignaz, 176 privacy and auscultation usage, 4-5 Shalala, Donna, 156 Shaw, Louis, 55-56 of medical records, 100-102 Shields, Clyde, 41, 42 and X-rays, 22 shunt, for artificial kidney dialysis, 40-41 prognostic medicine, 133-134 Sidorow, Jason, 97 PROMIS (Problem-Oriented Medical Simpson, James Y., 172, 173 Information System), 92–94 prophylactic dialysis, 40. See also kidney Smellie, William, 158, 168 dialysis Snow, John, 173 public health, 151-157 Society of Medical Observation, 108 Public Health Service, 48–49 Sorcerer's Apprentice, 73 puerperal fever, 174-177 specialization, and patient records, 85. See also patient record St. Mary's Hospital, 76-77 Quinlan, Joseph, 66-68 Quinlan, Karen Ann, 65-69, 70-71 standardized record, 87-90. See also Quinton, Wayne, 41 patient record stethoscope and diagnosis/diagnostic technique, 6-9 random assignment, 115-120 randomized controlled trial (RCT), discovery/invention of, 4-6, 187 119-121 and doctor/patient relationship, 12-13 rationing/allocation decisions as medical revolution source, 1 of artificial kidneys, 31, 43-44, 46-47 obstacles/barriers to acceptance, 9-10 of iron lung treatment, 58-59 patient/public response to, 11-12 in Oregon Basic Health Services Act, stopper, 206 124-127 vs. X-ray, 26 "To the Stethoscope" (poem), 11
"The Stethoscope Song" (Holmes), 10–11 religious issues and anesthesia in childbirth, 173 and artificial respiration, 61-63, 67, 70 Stoeckle, J. D., 190–191 remèdes secrets, 167 stopper (stethoscope component), 206 respirator. See artificial respirators/ streptomycin, clinical trial of, 117–120 respiration structuralist concept of health, 130, resuscitation, 52, 71. See also artificial 132-133, 138-139, 150-151 respirators/respiration subjectivity. See also patient's Röntgen, Wilhelm, 20-21 narrative/perspective Roosevelt, Franklin, 59 and auscultation, 27 Rothman, B. K., 199 elimination by objective elements, 29-30 of medical findings, 29 Rountree, L., 32-33 Royal Humane Society of England, 52-53 of narrative evidence, 26 Rueff, Jacob, 162–163 in photography, 26-27



INDEX

Supportive Care Protocol, 71-72 Van Helmont, Jean Baptiste, 111 surgery/surgeons, 9-10, 23 Van Leeuwenhoek, Antoni, 18 Swedish Hospital of Seattle, 42-43 Van Noordwijk, Jakob, 36 Sydenham, Thomas, 133-137, 138, 186 ventilators, 53. See also artificial Symcotts, John, 2 respirators/respiration Vesalius, Andreas, 4, 14–15, 52–53, 137 symptoms categories of, 134 Veterans Administration, 48-49 Virchow, Rudolph, 139 and concept of disease, 135-137 syphilis, screening for, 146 Waitzkin, H., 190–191 systematic research reviews, 120-121 Waksman, Selman, 117 "technological breakthroughs," 1 Wald, Lillian, 140 technology Walter Reed Army Hospital, 48 absorptive/reflective nature of, 186-188 Warren, John Collins, 169–172 Wasserman test, 146 advocacy of new, 29-30 influence on patient care, 50-51 Web-based information system, 97 limits on use, 70-72 Weed, Lawrence, 92–94 nature of, 51 Wilbanks, E. R., 166–167 Williams, Francis, 24 relation to humanism, 188–189, Wilson, J. L., 54-55 201-203 spending on, 51 Winterscheld, Loren, 41 telecommunications, use of, 94. See also women's health movement, 181-184 workplace patient record Tescĥan, Paul E., 40 period medical examination in, 141 Thalhimer, William, 33-34 physical handicaps in, 150 World Health Organization (WHO), Thank You, Dr. Lamaze (Karmel), 184-185 152-153 "They Decide Who Lives, Who Dies" World War I, and national fitness, 129, (Alexander), 44-46 142 World War II transplantation artificial kidney creation, 31-32 ethics and, 63-65 of kidneys, 41-42 radiation danger awareness, 24 and Oregon Basic Health Services Act, X-ray interpretation, 28 121-122 Wright, James Homer, 77-79 Treatise on Diseases of the Chest, and on Mediate Auscultation (Laennec), 7-8 X-ray treatment evaluation, numerical method in, diagnostic reliance on, 24-25 110-111 discovery/invention of, 20-21 tuberculosis, 7, 18-19, 134-135 health damage/radiation dangers, 23-24 Turner, B., 32-33 objectivity/authenticity of, 26-29 2001: A Space Odyssey, 199 in obstetrics, 221 public/professional reaction to, 21-23 ultrasound technology, 194-200 as screening agent, 145-146 unified record, 86-87. See also patient vs. stethoscope, 26 record unions, and worker health, 141 Young, James, 180