Goals and Objectives

The primary goal of this course is to explore the historical roots of the contemporary field of bioethics. In this effort we will focus most of our attention on primary sources from the years 1940 to 1975. In addition, we will read four overviews of the history of bioethics, as well as selected chapters from a case-oriented book that provides narrative accounts for many of our topics.

From the wide variety of possible topics discussed by commentators during this period, we will choose five for special attention: (1) research involving human subjects; (2) the prolongation of life; (3) genetics and reproduction; (4) disclosure and consent in the therapeutic relationship; and (5) the health-care system. With each topic we will attempt to achieve a clear picture of the evolution of any technologies involved, as well as of major developments in ethical discussion and public policymaking.

Textbooks


Overview

Class 1 (August 27): Introduction to the Course


Class 4 (September 17): Paul Ramsey, *The Patient as Person*: Part 2

Class 5 (September 24): Overviews of the History of Bioethics

Class 6 (October 1): Medical Experiments under National Socialism and Japanese Occupation

Class 7 (October 8): The Tuskegee Syphilis Study and Human Radiation Experiments in the United States

Class 8 (October 15): Life-Prolonging Treatments: Kidney Dialysis and Transplantation

Class 9 (October 22): Life-Prolonging Treatments: Cardiac Transplants and the Artificial Heart

Class 10 (October 29): The Definition of Death, the Prolongation of Life, and Euthanasia

Class 11 (November 5): Contraception, Sterilization, and Abortion

Class 12 (November 12): Genetic Testing and Genetic Engineering

Class 13 (November 19): New Modes of Reproduction

Class 14 (November 26): Disclosure and Consent in the Therapeutic Relationship

Class 15 (December 3): The Health-Care System
Assigned Readings

Class 1 (August 27): Introduction to the Course


Ramsey, *PP*, chaps. 4-7.

Class 5 (September 24): Overviews of the History and Scope of Bioethics


Class 6 (October 1): Medical Experiments under National Socialism and Japanese Occupation


Pius XII, "The Moral Limits of Medical Research and Treatment" (1951), excerpts


Class 7 (October 8): The Tuskegee Syphilis Study and Human Radiation Experiments in the United States


Class 8 (October 15): Life-Prolonging Treatments: Kidney Dialysis and Transplantation

Pence, *CCME*, pp. 293-313.


Class 9 (October 22): Life-Prolonging Treatments: Cardiac Transplants and the Artificial Heart


Class 10 (October 29): The Definition of Death, the Prolongation of Life, and Euthanasia


Pence, *CCME*, pp. 3-33, 174-199.


Class 11 (November 5): Contraception, Sterilization, and Abortion

Katz, *EWHB*, pp. 1051-1052, 736-793, 555-556,


*United States, Supreme Court, *Roe v. Wade* (1973) (excerpts)

Class 12 (November 12): Genetic Testing and Genetic Engineering


*National Research Council, Committee for the Study of Inborn Errors of Metabolism, *Genetic Screening: Programs, Principles and Research* (Washington, DC: National
Class 13 (November 19): New Modes of Reproduction


*James Watson, "Moving Toward Clonal Man: Is This What We Want?" Atlantic Monthly 227(): 50-53; May 1971.


Class 14 (November 26): Disclosure and Consent in the Therapeutic Relationship


Pence, CCME, pp. 339-344.

*United States, Court of Appeals for the District of Columbia Circuit, Canterbury v. Spence (1972) (excerpts)

*American Hospital Association, "Statement on a Patient's Bill of Rights" (1972)

Class 15 (December 3): The Health-Care System

Pence, CCME, pp. 443-468.


Course Requirements

The first and most important requirement for participation in this class is your completion of all assigned readings in advance of the class session at which they will be discussed. The success of our seminar discussions will depend on your thorough knowledge and critical evaluation of these readings.

A second requirement will be your introduction of a reading to the class in no more than ten minutes at the beginning of one class session. You should develop and defend a thesis or a perspective on the reading and attempt to convince us as your colleagues of the cogency of your thesis.

The third requirement is a short philosophical paper, no more than 10 to 15 pages in length, in which you adopt and defend a point of view on a reading, a topic, or an author encountered in this course. This short paper will be due midway through the course, on Wednesday, October 15th.

A fourth requirement will be to look up, copy, and distribute to fellow class members two contemporary news articles from newspapers or newsmagazines concerning major technological developments or historical events discussed in this course.

A fifth and final requirement will be a final philosophical term paper on a topic, a reading, or an author covered in the course. The paper should reflect your critical and analytical skills. It should adopt a position and defend it with good arguments. The final paper is due on Friday, December 12th, nine days after the last class. It should be 15-25 pages in length.

Please try to submit papers on time, in the interest of both fairness and efficiency. If you are facing a medical or personal emergency, please contact the instructor before the due date for the assignment.

The final grade will be based on the following factors:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Reading and class participation</td>
<td>30%</td>
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<tr>
<td>Final term paper</td>
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<td>Midterm paper</td>
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<td>Class presentation</td>
<td>15%</td>
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<tr>
<td>Contemporary news articles</td>
<td>10%</td>
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</table>
Major Events in the Birth of Bioethics, 1940-1975: A Chronology

1940-1945

[World War II continued]

Racial hygiene program conducted in Germany and German-occupied territory (Pence, 64-65)

Eugenic sterilization program continued in the United States (Pence, 386-391)

Tuskegee syphilis study underway in the United States, though not widely known about until 1972 (Pence, 231-251)

Medical experiments conducted by scientists and physicians in Germany and German-occupied territory (Katz, 292-306) (Pence, 226-228)

Japanese medical experiments conducted in Japan-occupied territory (Pence, 225-226)

Radiation experiments sponsored by the United States government began in 1944; continued through 1974; not widely publicized until the late 1980s and the 1990s (Pence, 252-252)

Other ethically-questionable research conducted in the United States (Pence, 229-230)

Killed-virus vaccine against influenza developed and used among American armed forces

Iron lung or body respirator in use for polio victims (Drinker respirator first used in 1929)

Positive-pressure mechanical ventilators began to be used in operating rooms in Europe and the United States (first use in Denmark in 1938)

1940

Osborn, Preface to Eugenics

American Medical Association, Principles of Medical Ethics (not a major revision) (Fletcher, 21, 53)

Myerson, "Sterilization"
1941

[Pearl Harbor bombed; United States enters World War II]


Regan, Moral Principles Governing Professional Secrecy with an Inquiry into Some of the More Important Professional Secrets (thesis, Catholic University of America)

American Medical Association and District of Columbia Medical Society found guilty of violating the Sherman Anti-Trust Act

1942

United States Supreme Court, Skinner v. Oklahoma (Katz, 1051-1052)


Griese, The Morality of Periodic Continence (thesis, Catholic University of America)

Hemodialysis machine invented by Kolff in the Netherlands (Pence, 293-294)

1943

Myerson, "Certain Medical and Legal Phases of Eugenic Sterilization"


Larochelle and Fink, Handbook of Medical Ethics for Nurses, Physicians, and Priests (translated from the 2nd French edition of 1940)

Regan, Professional Secrecy in the Light of Moral Principles (see 1941)

Huxley (Julian S.), Evolutionary Ethics

1944

Cunningham, The Morality of Organic Transplantation (thesis, Catholic University of America)

Regan, "Professional Secrecy in the Light of Moral Principles" (Fletcher, 58)

Bouscaren, Ethics of Ectopic Operations (2nd ed.; 1st ed., 1933)

1945

Mitral valve surgery begun again after a long hiatus (Katz, 805-817)

[Nuclear weapons exploded over Hiroshima and Nagasaki, Japan, by the United States]

1946-1950

[Major polio epidemics in Europe and the United States]

1946

"The Brutalities of Nazi Physicians" [Editorial]

McFadden, Medical Ethics for Nurses

Connell, Morals in Politics and Professions: A Guide for Catholics in Public Life

World Heath Organization, Preamble and Constitution adopted by 61 states (included the WHO definition of health)

Dunn and Dobzhansky, Heredity, Race, and Society

Nuremberg Trials of physicians and others for war crimes in medical settings [1946-1949] (Katz, 292-306, 733-734) (Pence, 226-228)

1947

[India and Pakistan gained their independence from Great Britain]

Ivy, "Nazi War Crimes of a Medical Nature"

Mitscherlich and Mielke, Das Diktat der Menschenverachtung [a German account of the first phase of the Nuremberg medical trials]

McAlister, Ethics, with Special Application to the Nursing Profession

Larochelle and Fink, Handbook of Medical Ethics for Nurses, Physicians, and, Priests (8th ed.; translated from French; see 1943)
1948


[Gandhi assassinated]

Geneva Declaration of the World Medical Association (Katz, 312)

Ivy, "The History and Ethics of the Use of Human Subjects in Medical Experiments"

Sperry, "Moral Problems in the Practice of Medicine"

Glover, Artificial Insemination among Human Beings (thesis, Catholic University of America)

Artificial Human Insemination, a report of a commission appointed by the Archbishop of Canterbury

Kolff-Brigham artificial kidney developed in Boston [1948-1949]

Truman administration proposal for national health insurance defeated in part because of opposition by the American Medical Association

[Berlin blockade and airlift, 1948-49]

1949

[People's Republic of China established]

[The Soviet Union tested its first fission bomb]

Mitscherlich and Mielke, Doctors of Infamy (see 1947)

American Medical Association, Principles of Medical Ethics, major revision

World Medical Association, International Code of Medical Ethics

Alexander, "Medical Science under Dictatorship" (Pence, 64-65) (Katz, 302)

Green Committee, "Ethics Governing the Service of Prisoners as Subjects in Medical Experimentation" (Katz, 1030-1031)
"Ethical and Religious Directives for Catholic Hospitals" published by the Catholic Hospital Association in the United States

Kelly, Medico-Moral Problems, I (first in a series; a collection of articles published in Hospital Progress, 1948-49)

McFadden, Medical Ethics (2nd ed.; see 1946)

O'Connell, Morality in Medicine

Davis, Moral and Pastoral Theology (6th ed.; see 1943)

Bonhoeffer, Ethik (published posthumously)

Jenkins, The Doctor's Profession

Orwell, 1984 (the novel)

Fletcher's Lowell Lectures given at Harvard (see 1954)

Royal Commission on Population report in the United Kingdom

Sullivan, Catholic Teaching on the Morality of Euthanasia (thesis, Catholic University of America)

Summary of "Doctors' Trials" at Nuremberg published by the United States Government Printing Office [1949-1950]

1950

[Korean War begins]

[NATO established]

American Nurses' Association, Code for Nurses

Kelly, "The Duty of Using Artificial Means of Preserving Life"

Sperry, The Ethical Basis of Medical Practice

Johnson, The Catholic Nurse

Muller, "Our Load of Mutations"
1951-1955

[Korean War, 1950-53]

1951

Clinical trials of oral contraceptives began (Katz, 736-793)

Gamma globulin trials for the prevention of polio began (Katz, 995-997)

Davis, Artificial Human Fecundation

Bierman, et al., "Intra-Arterial Catheterization of Viscera in Man" (Katz, 1056-1057)

Pope Pius XII, "The Moral Limits of Medical Research and Treatment" (Katz, 549-551, 731-733)

McCance, "The Practice of Experimental Medicine"

Pope Pius XII, "Moral Questions Affecting Married Life"

Kelly, "The Duty to Preserve Life"

Ficarra, Newer Ethical Problems in Medicine and Surgery

Good and Kelley, Marriage, Morals, and Medical Care

Ryan, Medical Aspects of Marriage

Human Sterilization: Some Principles of Christian Ethics, published for the Church of England Moral Welfare Council by the Church Information Board

Osborn, Preface to Eugenics (2nd ed.; see 1940)

McNeill, A History of the Cure of Souls

1952

[The United States tested its first fusion weapon]

Copenhagen polio epidemic led to improvements in positive-pressure mechanical ventilation of patients
American Medical Association, "Resolution on Disapproval of Participation in
Scientific Experiments by Inmates of Penal Institutions"

Heffernan and Lynch, "Is Therapeutic Abortion Scientifically Justified?"

King, "Is Medicine an Exact Science?"

Kenny, Principles of Medical Ethics

Johnson, The Catholic Nurse (2nd ed.; see 1950)

Briggs and King, "Transplantation of Living Nuclei from Blastula Cells into Enucleated
Frog's Eggs"

1953

[The Soviet Union tested its first fusion weapon]

[Death of Stalin]

Double helix of DNA discovered by Watson and Crick (with help from others) (Pence,
384)

Shimkin, "The Problem of Experimentation on Human Beings. I. The Research
Worker's Point of View"

Guttentag, "The Problem of Experimentation on Human Beings. II. The Physician's
Point of View" (Katz, 918-919)

British Medical Research Council, "Memorandum on Clinical Investigations" (Katz,
847-848, 912, 936)

National Institutes of Health, Clinical Center, Memorandum on "Group Consideration
of Clinical Research Procedures Deviating from Accepted Medical Practice or
Involving Unusual Hazard"

Flood, New Problems in Medical Ethics, Vol. 1 (translated from the French journal
Cahiers Laennec)

McFadden, Medical Ethics (3rd ed.)

Doniger, ed., Sex and Religion
Bunge and Sherman, "Fertilizing Capacity of Frozen Human Spermatozoa"

Heart-lung machine (extracorporeal pump oxygenator) employed successfully by Gibbon during cardiac surgery (Pence, 254)

1954

**Fletcher, Morals and Medicine**

Pius XII, “Allocution to the Participants of the Eighth Congress of the World Medical Association, September 30, 1954"

King, "What Is Disease?"

Carmichael, “Antisocial Medicine"

Salk vaccine trials in children

Salk vaccine licensed by the United States federal government

Ultrasonography first used as a diagnostic technique

First successful kidney transplant (December 1954, between identical twins) (Katz, 964-972)

1955

[Rosa Parks launched the Montgomery bus boycott]

"Principles for Those in Research and Experimentation" published by the World Medical Association

"Symposium on Artificial Insemination," Syracuse Law Review

1956-1960

1956

Symposium on Fletcher's Morals and Medicine published in New York University Law Review

O'Donnell, Morals in Medicine
Dobzhansky, The Biological Basis of Human Freedom

Merrill, et al., reported on the first successful kidney transplantation between identical twins (see Katz, 964-972; see 1954)

Willowbrook hepatitis experiments initiated (Katz, 633, 1007-1010)

1957

[Sputnik launched by the Soviet Union]

American Medical Association, major revision of the Principles of Medical Ethics into a brief ten-principles format

Williams, The Sanctity of Life and the Criminal Law (Katz, 702-705)

Pope Pius XII, "The Prolongation of Life"

Hill-Burton Act enacted into law in the United States

Ladimer, "Human Experimentation: Medicolegal Aspects"

Karl Barth, Kirchliche Dogmatic (Church Dogmatics), III/4 (Swiss Protestant theologian included a long discussion of medical ethics in this volume)

California, Supreme Court, Salgo v. Leland Stanford Jr. University Board of Trustees (employed the phrase "informed consent" in a malpractice case)

Kidney transplant from one minor twin to another approved by the Massachusetts Supreme Judicial Court, Suffolk County (Katz, 964-972)

1958

Kamisar, "Some Non-Religious Views against Proposed Mercy-Killing"

Kelly, Medico-Moral Problems

Lambeth Conference of the Church of England reiterated the church's approval of contraception in Resolution 115

United Nations, Third Committee of the General Assembly, "Draft Covenant on Civil and Political Rights (Article 7 discussed research with human subjects)
1959

First year-round intensive-care units established in the United States and Europe

Heart transplants within the chest cavity attempted in dogs

1960

[Gary Powers shot down in U2 spy plane over the Soviet Union]

[Sit-ins began to be used as a civil-rights protest tactic]

Great Britain, Report of the Departmental Committee on Human Artificial Insemination (Chair: The Earl of Feversham)

Natanson v. Cline case on informed consent decided by Kansas Supreme Court (Katz, 529-538)

Medawar, The Future of Man
Fagley, The Population Explosion and Christian Responsibility

Scribner developed the artificial shunt for kidney dialysis (Pence, 294)

1961-1965

[The civil rights movement gained momentum in the United States]

Heart-lung machine improved [early 1960s] (Pence, 254)

1961

[Berlin Wall erected]

[First orbital space flight by a human being, Yuri Gargarin]

St. John-Stevas, Life, Death and the Law

Oken, "What to Tell Cancer Patients" (Katz, 692-696)

"Draft Code of Ethics on Human Experimentation" published by the World Medical Association (Katz, 1026)

Muller, "Human Evolution by Voluntary Choice of Germ Plasm"

Szasz, The Myth of Mental Illness: Foundations of a Theory of Personal Conduct

Guthrie test developed to test newborn infants for phenylketonuria (PKU) (Katz, 986-993)

Human Tissue Act 1961 in the United Kingdom (see Katz, 1086-1087)

Sabin oral polio vaccine licensed

[Second Vatican Council, 1962-1965]

1962

[First American in orbital space flight: John Glenn]

[ Cuban missile crisis]

Thalidomide tied to birth defects (Pence, 149-150)
Life magazine article, "They Decide Who Lives, Who Dies" by Shana Alexander (Pence, 297-299; Ramsey, 242-252)

Kefauver hearings on the thalidomide tragedy and the Kefauver-Harris "Drug Amendments of 1962" (Katz, 856-862)

Dobzhansky, Mankind Evolving: The Evolution of the Human Species

Ladimer and Newman, eds., Clinical Investigation in Medicine: Legal, Ethical and Moral Aspects -An Anthology and Bibliography

Konold, A History of American Medical Ethics: 1847-1912

Church of England, Board for Social Responsibility, Sterilization: An Ethical Enquiry

Gurdon, "Adult Frogs Derived from the Nuclei of Single Somatic [Tadpole] Cells"

[1963]

[March on Washington led by Martin Luther King]

[John F. Kennedy assassinated]

Wolstenholme, ed., Man and His Future (Katz, 515-520)

British Medical Research Council, "Responsibility in Investigations on Human Subjects" (Katz, 974)

British Medical Association, "Experimental Research in Human Beings"

Haller, Eugenics: Hereditarian Attitudes in American Thought

Ladimer, "Clinical Research Insurance" (Katz, 948-950)

Mitchell, "The Child and Experimental Medicine" (Katz, 963-964, 982-983, 999)

Pellegrino, "Medicine, History, and the Idea of Man"

Ethical Standards of Psychologists published by the American Psychological Association (Katz, 314-315)
Jewish Chronic Disease Hospital case (Katz, 9-65)

Mandatory screening program for phenyketonuria in newborns initiated in Massachusetts (see Katz, 986-993)

1964

[Death of Khrushchev]

[Civil Rights Act passed under the leadership of President Johnson]

[Gulf of Tonkin Resolution led toward United States involvement in Vietnam]

Declaration of Helsinki published by the World Medical Association (Katz, 312-313)

United States Court of Appeals, District of Columbia Circuit, Application of the President and Directors of Georgetown College (Katz, 551-552)

First animal-to-human heart transplant performed by Hardy (Katz, 1062-1066)

Moore, Give and Take: The Development of Tissue Transplantation (Katz, 1093-1094)

1965

[Voting Rights Act enacted into law]

[Malcolm X assassinated]

Medicare and Medicaid legislation enacted in the United States (Pence, 452-454)

Griswold v. Connecticut decision by the United States Supreme Court (Katz, 555-556)

Rouse v. Cameron decision by the United States Court of Appeals for the District of Columbia Circuit

Noonan, Contraception: A History of Its Treatment by the Catholic Theologians

Milgram, "Some Conditions of Obedience and Disobedience to Authority" (Katz, 359-365, 395-400, 403-404, 419-420)

Delgado, Evolution of Physical Control of the Brain (Katz, 436-439)

Bill providing for the humane treatment of animals introduced into the United States
Congress (Katz, 840-842)

Halushka v. University of Saskatchewan decision in Canada (Katz, 569-573)

Report of the Departmental Committee on Experiments on Animals in Great Britain
(Chair: Sir Sydney Littlewood)

Schmeck, The Semi-Artificial Man: A Dawning Revolution in Medicine

Sonnenborn, ed., The Control of Human Heredity and Evolution

1966-1970

[The civil rights movement continued in the United States]

[The Vietnam War escalated]

1966

Roslansky, ed., Genetics and the Future of Man (included Ramsey's essay, "Moral and Religious Implications of Genetic Control")

United States Surgeon General's statement of policy on "Clinical Investigations Using Human Subjects" (Katz, 855)

Lederberg, "Experimental Genetics and Human Evolution" (Katz, 456-459)

Nirenberg, "Will Society Be Prepared?" [Editorial]

Rahner, "Experiment Mensch" (The Human Being as an Experiment) first published in German

Beecher, "Ethics and Clinical Research" (Katz, 306-310)

American Medical Association, Judicial Council, "Ethical Guidelines for Clinical Investigation" (Katz, 845-846)

Left ventricular bypass surgery performed by DeBakey

Bill on the care of animals in research and other contexts enacted into law in the United States (Katz, 914)

International Covenant of Civil and Political Rights agreed upon by the United Nations
General Assembly and opened for signature, December 19, 1966 (Article 7 discussed research with human subjects; see 1958)

Report of the Papal Commission on Birth Control transmitted to Pope Paul VI

1967

[The Six-Day War in the Middle East]

First human-to-human heart transplants performed by Barnard and Kantrowitz (Katz, 640-642, 845, 1066-1068, 1070, 1078-1080, 1091-1098, 1105-1108)

Abortion Act 1967 enacted in the United Kingdom

"The Changing Mores of Biomedical Research," Supplement to the Annals of Internal Medicine (see Katz, 1034)

Fletcher (John), "Human Experimentation: Ethics in the Consent Situation"

Hellegers, "Law and the Common Good"

Hodges and Bean, "The Use of Prisoners for Medical Research"

Burton Committee report to the United States Surgeon General on kidney disease and its treatment (Ramsey, 240)

Gottschalk Committee report to the United States Bureau of the Budget on the probable costs of renal dialysis (Ramsey, 240)

Nirenberg-Lederberg exchange on genetic engineering published by Science (Katz, 511-514)

Amniocentesis first reported as a prenatal diagnostic procedure

1968

[Martin Luther King assassinated; riots followed in several U.S. cities]

[Robert F. Kennedy assassinated]

"Reflections on the New Biology" in the UCLA Law Review

Mondale hearings on a proposed National Commission on Health Science and Society
Harvard Medical School, Ad Hoc Committee of the Harvard Medical School to Examine the Definition of Death, "A Definition of Irreversible Coma" (Katz, 1074-1075)

Wolstenholme and O'Connor, eds., Ethics and Medical Progress: With Special Reference to Transplantation (later title: Law and Ethics of Tranplantation) (Katz, 976)

Uniform Anatomical Gift Act published (Katz, 1083-1089)

Beecher, "Ethical Problems Created by the Hopelessly Unconscious Patient" (Katz, 1070, 1072-1074)

American Medical Association, Judicial Council, "Ethical Guidelines for Organ Transplantation" (Ramsey, 2)

Bernard Bard and Joseph Fletcher, "The Right to Die"

Pope Paul VI, Humanae Vitae (Pence, 150)

Ehrlich, The Population Bomb

Hardin, "The Tragedy of the Commons"

Labby, et al., Life or Death: Ethics and Options

Cooke, et al., eds., The Terrible Choice: The Abortion Dilemma

Ramsey, "Shall We Clone a Man?" (published in 1970; included in Fabricated Man)

Osborn, The Future of Human Heredity: An Introduction to Eugenics in Modern Society

Manier, "Genetics and the Future of Man: Scientific and Ethical Possibilities"

Hirshhorn, "On Re-Doing Man"

First bone marrow transplants in humans attempted

1969

[The first humans walked on the moon]
Ramsey's Beecher Lectures given at Yale (see below)

Sinsheimer, "The Prospect of Designed Genetic Change" (Katz, 486-488)

Curran and Beecher, "Experimentation in Children" (Katz, 974-975)

Hamilton, "New Life for Old: Genetic Decisions"

Shinn, "Genetic Decisions: A Case Study in Ethical Method"

Hastings Center founded

Rescher, "The Allocation of Exotic Medical Life-Saving Therapy"

Daedalus issue on "Experimentation with Human Subjects" published (Katz, 319-321 and passim)

Waltz and Scheuneman, "Informed Consent to Therapy" (Katz, 579-581, 605-606)

Society for Health and Human Values founded

Cutler, ed., Updating Life and Death

Rosenfeld, Second Genesis: The Coming Control of Life

Augenstein, Come, Let Us Play God

Artificial heart transplant performed by Cooley (Pence, 273-274; see also Katz, 491-492)

Cardiac Replacement: Medical, Ethical, Psychological and Economic Implications published by an ad hoc committee of the National Heart Institute

?Strunk v. Strunk decision on kidney transplantation by the Kentucky Supreme Court (Katz, 983-985)

United States, Public Health Service, "Protection of the Individual as a Research Subject" (Katz, 886-889)

Edwards, et al., "Early Stages of Fertilization in vitro of Human Oocytes Matured in vitro"

Nature editorial on the test-tube fertilization research of Edwards, et al. (Katz, 511)
Kubler-Ross, On Death and Dying

1970

**Ramsey, The Patient as Person: Explorations in Medical Ethics (Katz, 589-591)

Ramsey, Fabricated Man: The Ethics of Genetic Control (see Katz, 487)

Callahan, Abortion: Law, Choice and Morality

Noonan, ed., The Morality of Abortion: Legal and Historical Perspectives

Gustafson, "Basic Ethical Issues in the Bio-Medical Fields"

Davis, "Prospects for Genetic Intervention in Man"

Smith, Ethics and the New Medicine


Potter, "Bioethics: The Science of Survival"

Childress, "Who Shall Live When Not All Can Live?"

Mark and Ervin, Violence and the Brain (Katz, 482-483)

Edwards and Fowler, "Human Embryos in the Laboratory"

Rorvik and Shettles, "You Can Choose Your Baby's Sex" (Katz, 146-148)

Voluntary Tay-Sachs screening program initiated at Johns Hopkins

XYY karyotype study initiated at Johns Hopkins (Katz, 342-346)

"Gene therapy" attempt by Stansfield Rogers reported in the New York Times (Katz, 492, 574-575)

Rogers, "Skills for Genetic Engineers"

Freidson, Professional Dominance: The Social Structure of Medical Care

Kansas statute defined death (Katz, 1085-1086)

Hawaii statute legalized abortion (Pence, 150)

1971-1975

1971

[Pentagon Papers published about United States policy in Vietnam]

Watson's congressional testimony on cloning

Watson, "Moving Toward Clonal Man: Is This What We Want?"

Lederberg, "Genetic Engineering, or the Amelioration of Genetic Defect"

Vukowich, "The Dawning of the Brave New World - Legal, Ethical, and Social Issues in Genetics"

Hastings Center Report, Volume 1

Potter, Bioethics: Bridge to the Future

Rothman, The Discovery of the Asylum

Kittrrie, The Right to Be Different: Deviance and Enforced Therapy

Brody, "Abortion and the Law"

Kennedy Institute founded

Thomson, "A Defense of Abortion"


Who Should Survive? (a film about a newborn with Down's syndrome who is allowed to die; produced by the Kennedy Foundation) (Pence, 184-185)

Rawls, A Theory of Justice

Eisenstadt v. Baird decision by the United States Supreme Court

Glass, "Science: Endless Horizon or Golden Age?"

New drug testing regulations adopted by the United States Food and Drug Administration (Katz, 862-882)

Willowbrook hepatitis experiments debated (Katz, 1007-1010)

"Man into Superman: The Promise and Peril of the New Genetics," cover article in Time

Fletcher, "Ethical Aspects of Genetic Controls: Designed Genetic Changes in Man" (Pence, 101)

Friedmann, "Prenatal Diagnosis of Genetic Disease"

Edwards and Sharpe, "Social Values and Research in Human Embryology"

Kass, "Babies by Means of In Vitro Fertilization: Unethical Experiments on the Unborn?"

Rorvik, "The Test-Tube Baby Is Coming" (Katz, 459-461)

Rorvik, Brave New Baby: Promise and Peril of the Biological Revolution

Curran, "The Right to Health in National and International Law"

Titmuss, "The Gift Relationship: From Human Blood to Social Policy"

Alfidi, "Informed Consent: A Study of Patient Reaction" (Katz, 584-587)

Lorber, "Results of Treatment of Myelomeningocele: An Analysis of 524 Unselected Cases with Special Reference to Possible Selection for Treatment" (Pence, 176-177)

United States Court of Appeals, Wyatt v. Stickney

1972

Tuskegee syphilis study revealed by Jean Heller in a New York Times article (Pence, 225-252)
**Katz, et al., Experimentation with Human Beings

Rachels, ed., Moral Problems

Testing of maternal serum alpha fetoprotein for the detection of neural tube defects first reported

Great Britain, Department of Health and Social Security, The Use of Fetuses and Fetal Material for Research: Report of the Advisory Group (Chair: Sir John Peel)

Friedmann and Roblin, "Gene Therapy for Human Genetic Disease"

Ramsey, "Shall We 'Reproduce'?"

Lappé, et al., "Ethical and Social Issues in Screening for Genetic Disease"

Veatch, "Medical Ethics: Professional or Universal?"

Veatch, "Models for Ethical Medicine in a Revolutionary Age"

Glass, "Human Heredity and Ethical Problems"

Walters, "Technology Assessment and Genetics"

Hamilton, ed., The New Genetics and the Future of Man

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** Textbook for the course

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LeRoy Walters, 9/9/97