

CURRICULUM VITAE AND BIBLIOGRAPHY

JOHN H. KENNEL, M.D.

Born: January 9, 1922
Reading, Pennsylvania
Married: Wife - Margaret Lloyd Kennell
Children - David, 1952; Susan, 1953; John, 1960.
Address: 3265 E. Monmouth Road, Cleveland Heights, OH 44118

EDUCATION

B.S. 1944, University of Rochester, Rochester, New York
M.D. 1946, University of Rochester, School of Medicine

PEDIATRIC TRAINING

April 1946 - June 1947 Internship, Children's Hospital
Medical Center, Boston, Mass.
Sept. 1949 - Dec. 1951 Senior Assistant Resident and Chief
Resident, Children's Hospital
Medical Center, Boston, Mass.
June 1950 - Dec. 1950 Chief Resident, Medical Out-patient
Department, Children's Hospital
Medical Center, Boston, Mass.
Jan. 1951 - Dec. 1951 Chief Resident, Medical Service,
Children's Hospital Medical Center,
Boston, Mass.

PROFESSIONAL APPOINTMENTS

a. Case Western Reserve University

1952 – 1955 Senior Instructor in Pediatrics, Western Reserve University
1955 – 1962 Assistant Professor of Pediatrics, Western Reserve University
1962 – 1973 Associate Professor of Pediatrics, Case Western Reserve University
1973- Professor of Pediatrics, Case Western Reserve University

b. Other Academic Appointments

1949 – 1951 Teaching Fellow in Pediatrics, Harvard Medical School
Jan-June 1952 Assistant in Pediatrics, Harvard Medical School

Jul-Sept 1952 Instructor in Pediatrics, Harvard Medical School

c. Hospital Appointments

Jan-Aug 1952 Chief of Medical Out-Patient Department,
Children's Hospital Medical Center, Boston, Mass.

1952 – 1960 Director of Family Clinic, Case Western
Reserve University School of Medicine,
Cleveland, Ohio.

1952 – 1955 Assistant Pediatrician, Department of
Pediatrics, University Hospitals, Cleveland, Ohio.

1952 – 1967 Attending Pediatrician, Neonatal Nurseries,
Department of OB & GYN, University Hospitals, Cleveland, Ohio.

1952 – 1967 Attending Pediatrician, Neonatal Nurseries,
Department of Pediatrics, Rainbow Babies & Children's Hospital, Cleveland, Ohio

1952 – 1965 Visiting Pediatrician, Pediatrics and
Contagious Diseases, City Hospital, Cuyahoga
County, MetroHealth Medical Center, Cleveland, Ohio.

1955 – 1976 Associate Pediatrician, Department of
Pediatrics, Rainbow Babies & Children's Hospital, Cleveland, Ohio.

1961 – 1965 Pediatrician-in-Charge, Rainbow Hospital, Cleveland, Ohio.

1961 – 1967 Pediatrician-in-Charge, O.P.D. (General and
Specialty Clinics), Rainbow Babies & Children's
Hospital, Cleveland, Ohio.

1967 – 1969 Director of Clinics, Rainbow Babies & Children's
Hospital, Cleveland, Ohio

1969 – 1977 Visiting Associate Pediatrician, Cleveland
Metropolitan General Hospital, Cleveland, Ohio.

1977- Medical Staff, University Hospitals of
Cleveland - Primary appointment, Pediatrics.

1978- Medical Staff, Cuyahoga County Hospital
System, Associate Staff, Department of Pediatrics, Cleveland, Ohio.

MILITARY SERVICE

1947 – 1949 Lt. (jg) USNR, Active Service

Honors and Awards

Alpha Omega Alpha, 1946

Merrill Palmer Lecture in 1978-1979 Merrill Palmer Lecture Series on Today's Families.

Urban Gareau Lecture at University of Saskatchewan, February 23, 1979.

The George Armstrong Award Lecture, Ambulatory Pediatric Association, May 1979.

The 1981 Distinguished Visiting Lydia Rapaport Professorship and The 1981 Lydia Rapaport Lecture.

Golden Stethoscope, awarded by the Clinical Faculty of Rainbow Babies & Childrens Hospital, 1984.

C. Anderson Aldrich Award, Child Development Section, American Academy of Pediatrics, 1984.

Licensure and Board Certification

State of Ohio Medical Board

American Board of Pediatrics, 1953

PROFESSIONAL SERVICE

Academy of Medicine

Ad Hoc Committee on Unmet Health Care Needs 1986-

Alpha Omega Alpha

Ambulatory Pediatric Association

President 1969

American Academy of Pediatrics

Committee on Children with Handicaps

Committee on Pediatric Aspects of Physical Fitness,

Recreation and Sports

Task Force, Provisional Committee and Committee on International Child Health

Association for the Care of Children in Hospitals

Association of American Medical Colleges

Medical Committee for Human Rights

New York Academy of Science

Northern Ohio Pediatric Society; President 1986-87

Ohio Chapter Academy of Pediatrics

Ohio State Medical Association

Federation for Community Planning, Committee on Children at Risk

Society for Research in Child Development, Governing Council

1977-82; Chairman, Interdisciplinary Affairs Committee

1979-81; Nominations Committee 1983-1985

Society for Teachers of Family Medicine

Committee on Research in Infancy

International Society for Infant Studies

Committee on Child Development Research and Public

Policy of Assembly of Behavioral and Social Sciences

of National Research Council, 1980-1985
Professional Consultant, International Childbirth Education Association 1982-1984; 1984-present
Society for Developmental and Behavioral Pediatrics, Advisory Council
1983-1986; Chairman, Membership Committee
President 1988-1989
World Association for Infant Psychiatry and Allied
Disciplines, Member, Scientific Advisory Board
Physicians for Social Responsibility
Editorial Board, International Lactation Consultant
Association, 1987-
Editorial Board, Ab Initio, 1989-
Special Review Committee, Human Development and Drug Abuse
Research, NIDA
Editorial Board, "Journal of Neonatology," Turkey, 1993-

Academic and Hospital Committees

Clinical Science Phase I, 1952-1960
Clinical Science Phase I, 1963-
Clinical Science Phase II, 1961-1968
Academic Advisory Program, 1968-
Phase III Educational Counselor, 1954-1969
Committee on Options Counselor
Committee on Student Affairs, 1971-1972
Committee on Fellowship Training
Clinical Science, Subject Committee
Executive Committee
Medical Records Committee, University Hospitals
Department Tenure and Promotions Committee, 1982-1987
Psychiatry Search Committee, 1986-1987
Ad Hoc Committee to Evaluate Non-Cognitive Performance 1989-1990

SCIENTIFIC AND EDUCATIONAL PRESENTATIONS

Not Recorded Systematically

Research Support (past and present)

1. Bureau of Community Health Services, Department of Health, Education and Welfare. Parent-Infant Attachment: New Approaches to Prematures and Full Terms. Principal Investigator: John H. Kennell; 1979-1982, \$58,636/yr.
2. Thrasher Foundation. Immunologic Properties of Breastmilk and a Simple Early Intervention that May Significantly Increase Breastfeeding. John H. Kennel; 1979-1982, \$140,890.
3. NICHD, HDII089-03 (MRP), December 1977-1981, \$23,820/yr.
4. Robert Wood Johnson, January 1979-1982, \$15,000/yr.
5. William T. Grant Foundation. Mother-Infant Attachment. John H. Kennell and Marshall H. Klaus; 1974-1984, \$250,000.
6. Pittway Corporation Charitable-Foundation. Hospital Practices: Perinatal Outcomes and Infant Health. John H. Kennell; 1982-1983, \$74,704.

7. Arthur Vining Davis Foundation. The Effects of a Supportive Companion. John H. Kennell; 1982-1983, \$70,000.
8. March of Dimes, Parents Experiencing Neonatal Death (PEND), 1983, \$2,000.
9. National Institute of Child Health and Human Development, 1 R01 HD16915-01A1. Perinatal Effects of Support During Labor. John H. Kennel; 1984-1987; \$151,546/yr.
10. MCJ 009088. Behavioral Pediatrics Fellowship Training Program. John H. Kennell; 1986-1991; \$97,106/yr.
11. National Institute of Child Health and Human Development, 2 R01 HD16915-04. Perinatal Effects of Support for Couples During Labor. John H. Kennell; 1988-1992; \$158,021/yr.
12. National Center for Education in Maternal and Child Health, MCJ-009142-01-0. Collaborative Psychosocial-Developmental Project. John H. Kennell; 1989-1993; \$68,631 total.

LECTURES

Friedman Lecture
 Ruth Gray Lecture
 George Armstrong
 Lyda Rappoport
 San Diego

PUBLICATIONS

Journal Articles

Swachman, H. and Kennell, J. H. Newer antibiotics in pediatrics. Medical Clinics of North America, 35, 1951.

Kennell, J.H. and Rolnick, A.R. Discussing problems in newborn babies with their parents, Pediatrics, 26:832, 1960.

Hill, R.M., Kennell, J.H., and Barnes, A.C. Vitamin K administration and neonatal hyperbilirubinemia of unknown etiology, American Journal of Obstetrics and Gynecology, 82:320.

Kennell, J.H. Experience with a medical school family study:

- I. A description of the general plan, Journal of Medical Education. 36:1649-1679, 1961.
- II. Personnel and facilities, Journal of Medical Education, 36: 1656-1662, 1961.
- III. Student experience and learning, Journal of Medical Education. 36:1663-1675, 1961.
- IV. Time spent by students, Journal of Medical Education, 36:1676-1679, 1961.

Kennell, J.H. and Chickering, D.C. Experience with a medical school family study: V. The attitude of the families, Journal of Medical Education, 36:1680-1685, 1961.

Kennell, J. H. Experience with a medical school family study: VIII. Common student reactions, Journal

of Medical Education, 36:1705-1716, 1961.

Kennell, J.H. and Boaz, W.D. The physician's children as patients, Pediatrics, 30:100-108, 1961.

Kennell, J.H. and Bergen, M.E. Early childhood separations. Pediatrics, 37:291-298, 1966.

Kennell, J.H., Soroker, E., Thomas, P. and Wasman, M. What parents of rheumatic fever patients don't understand about the disease and its prophylactic management. Pediatrics, 43:160-167, 1969.

Klaus, M.H., Kennell, J.H., Plumb, N, and Zuehlke, S. Human maternal behavior at the first contact with her young. Pediatrics. 46:187-192, 1970.

Kennell, J. H., Slyter, H. and Klaus, M.H. Mourning response of parents to the death of a newborn. The New England Journal of Medicine, 283:344-349, 1970.

Klaus, M.H., and Kennell, J.H. Mothers separated from their newborn infants. Pediatric Clinics of North America. 17:1015-1037, 1970.

Klaus, M.H., Jerauld, R., Kreger, M.C., McAlpine, W., Steffa, M. and Kennell, J.H. Maternal attachment: Importance of the first post-partum days. New England Journal of Medicine, 286:460-463, 1972.

Kennell, J.H. and Klaus, M.H. The care of the mother of the high-risk infant. Clinical Obstetrics and Gynecology, 14:936-954, 1971.

Fanaroff, A.A., Kennell, J.H. and Klaus, M.H. Follow-up of low birthweight infants: The predictive value of maternal visiting patterns. Pediatrics. 49:287-290, 1972.

Kennell, J.H., Tempio, C.R. and Wile, M.Z. Self-evaluation by first year medical students in a clinical science program. British Journal of Medical Education, 7:230-238, 1973.

Kennell, J.H., Jerauld, R., Wolfe, H., Chesler, D., Kreger, N., McAlpine, W., Steffa, M. and Klaus, M. Maternal behavior one year after early and extended post-partum contact. Developmental Medicine and Child Neurology, 16:172-179, 1974.

Sosa, R., Kennell, J.H., Klaus, M. and Urrutia, J.J. The effect of early mother-infant contact on breast feeding, infection and growth. In: Breast Feeding and the Mother, The Ciba Foundation Symposium 45, Elsevier/Excerpta Medica/North-Holland and Elsevier North-Holland, Inc., 1976.

Ringler, N.M., Kennell, J.H., Jarvella, R., Navojosky, B.J. and Klaus, M. Mother-to-child speech at two years -- Effects of increased early postnatal contact. Journal of Pediatrics, 86(1):141-144, 1975.

Drotar, D., Baskiewicz, A., Irvin, N., Kennell, J. and Klaus, M. The adaptation of parents to the birth of an infant with a congenital malformation: A hypothetical model. Pediatrics, 56(5), 1975.

Kennell, J. and Klaus, M. Parental reactions to the birth of a malformed infant. Oxford Medical School Gazette XXCII (2):80, 1975.

Klaus, M.H., Trause, M.A. and Kennell, J.H. Does human maternal behavior after delivery show a

characteristic pattern? In: Parent-Infant Interaction, The Ciba Foundation Symposium 33, Associated Scientific publishers, Amsterdam, 1975.

Kennell, J.H., Trause, M.A. and Klaus, M.H. Evidence for a sensitive period in the human mother. In: Parent-Infant Interaction, The Ciba Foundation Symposium 33, Associated Scientific Publishers, Amsterdam, 1975.

Ringler, N.M., Kennell, J.H., Jarvella, R., Navojosky, B.J. and Klaus, M.H. Mother-to-child speech at two years: Effects of early postnatal contact. Reprinted from Word, Vol 27, No. 1-3, April-December, 1971, Child Language, 1975.

Hales, D., Trause, M.A. and Kennell, J. How early is early contact? Defining the limits of the sensitive period. Pediatric Research, 10:448, 1976.

Newman, L.F., Kennell, J.H., Klaus, M.H. and Schreiber, J.M. Early human interaction: Mother and child. Primary Care, 3(3):491-505, 1976.

Sosa, R., Kennell, J.H., Klaus, M. and Urrutia, J.J. The effect of early mother-infant contact on breast feeding, infection and growth. In: Breast Feeding and the Mother. The Ciba Foundation Symposium 45, Elsevier/Excerpta Medica/North-Holland and Elsevier North-Holland, Inc., 1976.

Lozoff, B., Brittenham, G.M., Trause, M.A., Kennell, J.H. and Klaus, M.H. The mother-newborn relationship; Limits of adaptability. Journal of Pediatrics. 91(1):1-12, 1977.

Hales, D.J., Lozoff, B., Sosa, R. and Kennell, J.H. Defining the limits of the maternal sensitive period. Developmental Medicine and Child Neurology. 19(4):454-461, 1977.

Lampe, J., Trause, M.A. and Kennell, J.H. Parental visiting of sick infants: The effect of living at home prior to hospitalization. Pediatrics, 59:294-296, 1977.

Kennell, J.H. and Trause, M.A. Helping parents cope with perinatal death. Contemporary Obstetrics and Gynecology, 12:53-68, 1978.

Ringler, N., Trause, M.A., Klaus, M.H. and Kennell, J.H. The effects of extra postpartum contact and maternal speech patterns on children's IQ's, speech, and language comprehension at five. Child Development, 49:862-865, 1978.

Kennell, J.H. Birth of a malformed baby: Helping the family. Birth and the Family Journal, 5:212-222, 1978.

Kennell, J.H. Parenting in the intensive care unit. Birth and the Family Journal, 5:223-226, 1978.

Kennell, J.H. and Klaus, M.H. Early mother-infant contact: Effects on the mother and the infant. Bulletin of the Menninger Clinic, 43 (1): 69-78, 1979.

Urrutia, J.J., Sosa, R., Kennell, J.H. and Klaus, M.H. Prevalence of maternal and neonatal infections in a developing country: Possible low-cost preventative measures. Symposium on Perinatal Infections, Ciba Foundation, 1979. Perinatal Infections. (Ciba Foundation Symposium: 77 (new series)). Amsterdam and Elsevier/North-Holland, Inc.

- Kennell, J.H. Are we in the midst of a revolution?" American Journal of Diseases of Children, 134: 303-310, 1980.
- Sosa, R., Kennell, J., Klaus, M., Robertson, S. and Urrutia, J. The effect of a supportive companion on perinatal problems, length of labor, and mother-infant interaction. New England Journal of Medicine, 303 (11):597-600, 1980.
- Speck, W.T. and Kennell, J.H. Management of perinatal death. Pediatrics in Review, 2(2):59-62, 1980.
- Klaus, M., Dowling, S. and Kennell, J. Feeding and behavior: Three recent observations. Infants and Child Feeding Monograph. New York: Academic Press, Inc., 1981.
- Trause, M.A., Voos, D., Rudd, C., Klaus, M., Kennell, J. and Boslett, M. Separation for childbirth: The effects on the sibling. Child Psychiatry and Human Development, 12(1): 32-39, 1981.
- Klaus, M.H. and Kennell, J.H. Interventions in the premature nursery: Impact on development. Pediatric Clinics of North America, 29(5):1263-1273, 1982.
- Klaus, M. and Kennell, J. Parent to infant bonding: Setting the record straight. Journal of Pediatrics, 102(4):575-576, 1983.
- Anisfeld, A., Curry M.A., Hales, D.J., Kennell, J.H., et al. Maternal-infant bonding: A joint rebuttal. Pediatrics, 72 (4): 569-572, 1983.
- Kennell, J.H. and Klaus, M.H. Mother-infant bonding: Weighing the evidence. Developmental Review, 4:275-282, 1984.
- Klaus, M., Kennell, J., Robertson, S., Sosa, R. Effects of social support during parturition on maternal and infant morbidity. British Medical Journal, 293:585-587, 1986.
- Kennell, J.H., deChateau, P., Wasz-Hockert, O. John Lind Memorial Lecture. Journal of Infant Mental Health, 8: 190-209, 1987.
- Kennell, J.H. Keynote address: The human and health significance of parent-infant contact. Journal of AOA, 87:638-645, 1987.
- Bertsch, T.D., Nagashima-Whalen, L., Dykeman, S., Kennell, J.H., McGrath, S. Labor support by first-time fathers: Direct observations with a comparison to experienced doulas. Journal Psychosomatic Obstetrics and Gynecology, 11, 251-260, 1990.
- Roessman, U., Horwitz, S.J., Kennell, J.H. Congenital absence of the corticospinal fibers: Pathologic and clinical observations. Neurology; 40:538-541, 1990.
- Kennell, J.H.: The field of pediatrics: Health and education for the family, 1991.
- Kennell, J.H., Klaus, M.H., McGrath, S.K., Robertson, S., Hinkley, C. Continuous emotional support during labor in a U.S. hospital: A randomized controlled trial. JAMA, Volume 265, No. 17; 2197-2201, 1991.

Klaus, M.H., Kennell, J.H., Berkowitz, G., Klaus, P. Maternal assistance and support in labor: Father? Nurse? Midwife? Doula? Clinical consultations in Obstetrics and Gynecology; 4:211-217, 1992.

Kennell, J.H., deChateau, P., Wasz-Hockert, O. A propos de La Naissance: Conference commemorative en l'honneur de John Lind. French translation in: DEVENIR, Volume 5, No. 1; 77-99, 1993 Paris: editions Eshel.

Kennell, J.H. and McGrath, S.K. Labor support by a Doula for middle-income couples: The effect on cesarean rates. Pediatric Research, 33:12A, 1993.

Kennell, J.H. Commentary on Righard, L., Alade, M.O. Effect of delivery room routines on success of first breastfeed. Lancet 1990; 336:1105-1107. The time has come to reassess Delivery Room Routines. Birth, 21:49-51, 1994.

PUBLICATIONS

Book Chapters

Kennell, J.H. and Boaz, W.D. Infancy: Preventative health care in the first two and one-half in: M. Green and R. Haggerty, eds., Ambulatory Pediatrics, Philadelphia: W.B. Saunders Co., 1968.

Kennell, J.H., Klaus, M.H. and Wolie, H.H. Nesting behavior in the human mother after prolonged mother-infant separation. In: J. Stetson and P. Swyer, eds., Proceedings of the Congress of Neonatal Intensive Care, Springfield: Charles C. Thomas, 1972.

Klaus, M.H. and Kennell, J.H. Mother to infant attachment for the sick and normal newborn. In: Sensory Needs of Hospitalized High-risk Newborn and His Mother. NICHD Publication, 1973.

Klaus, M.H. and Kennell, J.H. Care of the Mother. In: M. Klaus and A. Fanaroff, eds., Care of the High-Risk Neonate: A Physiological Approach. Philadelphia: W.B. Saunders Co., 1973, pp 98-118; 1979.

Klaus, M. and Kennell, J. Mothers without infants. In: G. Biermann, ed., Jahrbuch der Psychohygiene, Munchen-Basel: Ernest Reinhardt Verlag, 1973.

Klaus, M.H. and Kennell, J.H. Care of the mother of the neonate. In R. Behrman, ed., Diagnosis and Treatment of Disease of the Neonatal Infant. Philadelphia: C.V. Mosby Co., 1972; 1974.

Kennell, J.H., Klaus, M.H. and Wolfe, H.H. Nesting behavior in the human mother after prolonged mother-infant separation. In: J. Stetson and P. Swyer, eds., Current Concepts of Neonatal Intensive Care, St. Louis: Warren H. Green, Inc., 1975.

Klaus, M.H. and Kennell, J.H. Parent-to-Infant Attachment. In: V.S. Vaughan and T.B. Brazelton, eds., The Family – Can it be Saved? Year Book Medical Publishers, Inc., 1976.

Klaus, M.H. and Kennell, J.H. Parent-to-Infant Attachment. In: D. Hull, ed., Recent Advances in Pediatrics, London: Churchill Livingstone Publishers, 1976.

Kennell, J.H., Voos, D. and Klaus, M. In: R. Helfer and C.H. Kempe, eds., Child Abuse and Neglect: The Community and the Family. Ballinger Press, 1976.

- Klaus, M. and Kennell, J. In: R.E. Behrman, ed., Neonatology: Diseases of the Fetus & Infant, St. Louis: C.V. Mosby Co., 1976.
- Trause, M.A. and Kennell, J. Parental attachment behavior. In: J. Money and H. Musaph, eds., Handbook of Sexology, A.S.P., 1976.
- Klaus, M.H. and Kennell, J.H. An early maternal sensitive period? A theoretical analysis. In: L. Stern, ed., Intensive Care in the Newborn, New York: Masson Publishing, 1978.
- Klaus, M.H. and Kennell, J.H. Parent-to-Infant Attachment. In: J.H. Stevens, Jr. and M. Mathers, eds., Mother/Child: Father/Child Relationships. Washington: National Association for the Education of Young Children, 1978.
- Kennell, J.H., Voos, D.K. and Klaus, M.H. Parent-infant bonding. In: J.D. Osofsky, ed., The Handbook of Infant Development, John Wiley and Sons, Inc., 1979, pp. 786-798.
- Kennell, J.H. and Klaus, M.H. Early mother-infant contact: Effects of breastfeeding. In: Breastfeeding and Food Policy in a Hungry World, Academic Press, Inc., 1979.
- Kennell, J.H. Maternity hospital: The birth of the family (present and future). In: T.B. Brazelton and V.C. Vaughan, III, eds., The Family: Setting Priorities, New York: Science & Medicene Publishing Co., 1979.
- Kennell, J.H., Trause, M.A. and Klaus, M.H. Attachment: Clinical considerations. In: S. Aladjem, ed., Obstetrical Practice, C.V. Mosby, 1980.
- Kennell, J.H. and Klaus, M.H. Parenting in the premature nursery. In: E.J. Sell, ed., Follow-up of the High Risk Newborn – A Practical Approach, Springfield: Charles C. Thomas, 1980.
- Kennell, J.H. Sports participation for the child with a chronic health problem. American Academy of Pediatrics Youth Sports Manual, 1980.
- Kennell, J.H. Forward. When Pregnancy Fails: Families Coping with Miscarriage, Stillbirth and Infant Death by Judith Lasker and Susan Borg, 1980.
- Kennell, J.H. Appropriateness and feasibility of coordinated research efforts. In: V.L. Smeriglio, ed., Newborns and Parents, New Jersey: Lawrence Erlbaum, Assoc., 1981.
- Kennell, J.H. and Klaus, M.H. Mother-infant interaction: Implications for adolescent mothering. In: E.R. McAnarney and G. Stickle, eds., Pregnancy and Childbearing during Adolescence: Research Priorities for the 1980's. March of Dimes Birth Defects Foundation, Birth Defects: Original Article Series, Vol. XVII, Number 3, pp. 123-129, Alan R. Liss, Inc., 1981.
- Klaus, M.H. and Kennell, J.H. Parent-to-infant attachment. In: J. Belsky, ed., In the Beginning: Readings on Infancy. New York: Columbia University Press, 1982, pp. 55-64.
- Klaus, M.H. and Kennell, J.H. Comments on studies on maternal attachment. In: K. Oates, ed., Child Abuse: A Community Concern, Butterworths, 1982, pp. 101-104.

- Kennell, M.H. Forward. In: M. Sugar, ed., Premature in Context, New York: SP Medical and Scientific Books, 1983.
- Klaus, M.H. and Kennell, J.H. Care of the mother, father, and infant. In: A.A. Fanaroff and R.J. Martin, eds., Behrman's Neonatal-Perinatal Medicine: Diseases of the Fetus and Infant. St. Louis: C.V. Mosby Co., 1983, pp. 240-253.
- Kennell, J.H. and Klaus, M.H. Early events: Later effects on the infant. In: J. Call, E. Galenson, R. Tyson, eds., Frontiers of Infant Psychiatry, Scranton: Harper and Row, 1983, pp.7-16.
- Klaus, M. and Kennell, J. An evaluation of interventions in the premature nursery. In: J.A. Davis, M.P.M. Richards and N.R.C. Robertson, eds., Parent-Baby Attachment in Premature Infants, New York: St. Martin's Press, 1983.
- Klaus, M. and Kennell, J. Care for the family of an infant with a congenital malformation. In: J.A. Davis, M.P.M. Richards and N.R.C. Robertson, eds., Parent-Baby Attachment in Premature Infants, New York: St. Martin's Press, 1983.
- Klaus, M.H. and Kennell, J.H. Pregnancy, birth and the first days of life. In: M.D. Levine, W.B. Carey, A.C. Crocker, R.T. Gross, eds., Developmental-Behavioral Pediatrics, Philadelphia: W.B. Saunders Co., 1983.
- Kennell, J.H. and Klaus, M.H. Parent counseling. In: R.A. Knuppel and J.E. Drukker, eds., High Risk Pregnancy: A-Team Approach. W.B. Saunders Co., 1986, pp. 551-560.
- Kennell, J.H. Sports participation for the child with a chronic health problem. In: R.H. Strauss, ed., Sports Medicine, Philadelphia: W.B. Saunders Co., 1984.
- Kennell, J.H. and Klaus, M.H. Helping parents after the birth of a baby with a malformation. In: J. Call, E. Galenson, and R Tyson. Eds., Frontiers of Infant Psychiatry, New York: Basic Books, Inc., 1984, pp. 397-403.
- Kennell, J.H. and Klaus, M.H. Commentary. In: A.W. Gottfried and J.L. Gaiter, eds., Infant Stress Under Intensive Care: Environmental Neonatology, Baltimore: University Park Press, 1985, pp. 271-277.
- Kennell, J.H. and Klaus, M.H. Forward. Commonsense Breastfeeding: A Practical Guide to the Pleasures, Problems and Solutions, by Diane M. Reukauf and Mary Anne Trause, New York: Atheneum, 1987.
- Kennell, J.H., Klaus, M.H. Pediatric support for parents. In: R.A. Hoekelman, S., Blatman, S.B., Friedman, N.M., Nelson, H.M. Seidel, eds., Primary Pediatric Care, C.V. Mosby Co., 1987, Revised.
- Kennell, J.H. Biological and psychological aspects of neurodevelopmental outcome of very low birth weight infants. In: J.H. French, S. Harel, P. Casaer, I. Rapin, D.C. DeVivo, and M. Gottlieb, eds., Child Neurology and Developmental Disabilities, Maryland: Paul H. Brookes Publishing Co. Inc., 1988, pp. 145-152.
- Kennell, J. H. and Klaus, M.H. Ideas from our evolutionary past: Implications for the care of children at

the end of the 20th Century. In: M. Gottlieb and J. Williams, eds., Developmental and Behavioral Pediatrics. New York: Plenum Publishing Corporation, 1: 239-255, 1988.

Kennell, J.H. and Klaus, M.H. Care of the parents. In: W. Carlo, R. Chatburn, eds., Neonatal Respiratory Care, Chicago: Yearbook Medical Publishers, 1988, pp. 212-235.

Kennell, J.H. and Klaus, M.H. The perinatal paradigm: Is it time for a change? In: R Behrman and R Kliegman, eds., Perinatology Clinics, Philadelphia: W.B. Saunders Co., 15:801-813, 1988.

Kennell, J.H., Klaus, M. Pregnancy, birth and the first days of life. In: M.D. Levine, W.B. Carey, A.C. Crocker, RT. Gross, eds., Developmental-Behavioral Pediatrics, Second Edition: Philadelphia: W.B. Saunders Co., 1989.

Kennell, J.H. Doula-Mother and parent-infant contact. In: T.B. Brazelton and T. Field, eds., Advances in Touch: New Implications in human development. Pediatric Round Table #14: Johnson & Johnson, 53-62, 1990.

Kennell, J.H., Maratos, D.C., Klaus, M., Bogomolny, A. In: Biopsychology of Early Parent-Infant Communication, International Symposium; Maternal and Infant Behavior at the Time of Adoption, pp. 145-150, 1990.

Kennell, J.H. and Rusin, W. Sports Participation for the Child with a Chronic Health Problem. In: Strauss, R.H., ed., Sports Medicine, Second Edition, Philadelphia; W.B. Saunders Co., pp. 464-484, 1991.

Kennell, J.H., Klaus, M.H. Pediatric Support for Parents. In: Hoekelman, R, Blatman, S., Friedman, S., Nelson, N. and Seidel, H., Primary Pediatric Care, Second Edition, C.V. Mosby, St. Louis, 1992.

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