

**P8605
PUBLIC HEALTH ASPECTS OF REPRODUCTIVE HEALTH CARE
Fall 2001**

COURSE SYLLABUS

(Classes 1 – 7)

NOTE: The required and suggested reading packets can be purchased from Ellen Bahr. There will also be 2 copies placed on reserve at the library. Many of the articles are available on-line through Columbia subscriptions. Some materials will be handed out in class, indicated by two asterisks at the end of the entry. Contact Katrina Stamas (kw163@columbia.edu or 304-5659) if you need help locating these materials.

Class 1 (Sept. 6): Introduction, Contraceptive Usage

Required Readings:

AbouZahr C and JP Vaughan. "Assessing the Burden of Sexual and Reproductive Ill-Health: Questions Regarding the Use of Disability-Adjusted Life Years." *Bulletin of the WHO* 78(5): 655-666, 2000.

Gill Z and J Ahmed. "Implementing the Reproductive Health Agenda: Experience from Bangladesh." *Unpublished document*: 2000.

Harvey P. "Let's Not Get Carried away with Reproductive Health." *Studies in Family Planning* 27(5): 283-4, 1996.

Kirk, D and Pillet, B. "Fertility levels, trends, and differentials in sub-Saharan Africa in the 1980s and 1990s". *Studies in Family Planning* 29(1): 1-22, 1998.

Rutenberg N et al. "Current Use of Contraception." *Knowledge and Use of Contraception*. IRD/Macro, Columbia, Md., 1991, pp. 13-16, 25-31.

Simmons R. "Women's Lives in Transition: A Qualitative Analysis of the Fertility Decline in Bangladesh." *Studies in Family Planning* 27(5):251-268, 1996.

Suggested Readings:

Introduction

Ashford L and C Makinson. *Reproductive Health in Policy and Practice: Case Studies from Brazil, India, Morocco, and Uganda*. Population Reference Bureau, Jan. 1999.

Girard F. "Cairo + Five: Reviewing Progress for Women Five Years After the International Conference on Population and Development." *Journal of Women's Health and Law* 1(1):1-14, 1999.

PATH. "Infertility in Developing Countries." *Outlook* 15(3):1-5, 1997.

Sinding S and M Fathalla. "The Great Transition." *Populi*, Dec. 1995, pp. 18-21.

Contraceptive Usage

Bongaarts J. "Trends in Unwanted Childbearing in the Developing World." *Studies in Family Planning* 28(4):267-77, 1997.

Bongaarts J and J Bruce. "The Question of Access: Response." *Studies in Family Planning* 26(4):243-4, 1995.

Burnhill MS. "The Rise and Fall of the IUD." *American Journal of Gynecologic Health* 3(3-S):6-10, 1989.

Dixon-Mueller R and A Germain. "Stalking the Elusive 'Unmet Need' for Family Planning." *Studies in Family Planning*, 23(5):330-5, 1992.

Gordon L. "Woman's Body, Woman's Right: Birth Control in America." Penguin, New York, 1990, pp. 431-6.

Rodriguez-Trias H. *Sterilization Abuse*. Women's Center Lectureship, Barnard College, 1980, pp. 12-25.

Ross J. "The Question of Access." *Studies in Family Planning*, 26(4):241-242, 1995.

Class 2 (Sept. 13): Contraceptive Safety, Integrating Services

Required Readings:

Germain A and R Dixon-Mueller. "Whose Life is it anyway? Assessing the Relative Risks of Contraception and Pregnancy." *International Women's Health Coalition*, (Reproductive Tracts: Issues and Innovations in Reproductive Health), New York, 1993 pp. 7-10.

Harlap S, Kost K, Forrest JD. "Preventing Pregnancy, Protecting Health." Alan Guttmacher Institute, New York, 1991, pp. 83-108.

Mayhew S, Lush L, Cleland J, Walt G. "Implementing the Integration of Component Services for Reproductive Health." *Studies in Family Planning* 31(2):151-162, 2000.

Stein Z. "Editorial: Family Planning, Sexually Transmitted Diseases and the Prevention of AIDS -- Divided We Fail?" *AJPH* 86(6):783-4, 1996.

Chavkin W, Breitbart V, Elman D. "Integrating HIV, Prevention, STD and Family Planning Services." *AJPH* 87(4):691-2, 1997.

Fox L, Williamson E, Cates, Jr. E, Dallabetta G. "Improving Reproductive Health: Integrating STD and Contraceptive Services." *JAMWA*, 50(3,4):129-35, 1995.

Suggested Readings:

JAMWA issue on Emergency Contraception, vol. 53, No. 3, Suppl. 2, 1998 (<http://www.jamwa.org/>).

Mayhew S. "Integrating MCH/FP and STD/HIV Services: Current Debates and Future Directions." *Health Policy and Planning* 11(4):339-353, 1996.

McGinn T, Maine D, McCarthy J, Rosenfield A. *Setting Priorities in International Reproductive Health Programs: A Practical Framework*. CPFH, Columbia School of Public Health, July 1996. **

Class 3 (Sept. 20): Maternal Mortality: Epidemiology, History, Morbidity

Required Readings:

Thomas C, Ed. Descriptions of obstetric complications and treatments. *Taber's Cyclopedic Medical Dictionary*, 18th Edition. F.A. Davis Company, Philadelphia.

Fortney J, Susanti I, et al. "Reproductive Mortality in Two Developing Countries." *AJPH* 76(2):134-138, Feb. 1986.

Loudon I. "The Transformation of Maternal Mortality." *BMJ* 305:1557-1560, 19-26 Dec. 1992.

Loudon I. "Obstetric Care, Social Class, and Maternal Mortality." *BMJ* 293:606-608, 6 Sept. 1986.

Maine D. *Safe Motherhood Programs: Options and Issues*. Columbia University, Center for Population and Family Health, New York, 1991, pp. 6-40. **

Fortney J and J Smith. "Measuring Maternal Morbidity." *Safe Motherhood Initiatives: Critical Issues*. Reproductive Health Matters, 1999.

Pruel A, Bouvier-Colle M-H, de Bernis L, Breart G. "Severe Maternal Morbidity from Direct Obstetric Causes in West Africa: Incidence and Case Fatality Rates." *Bulletin of the WHO* 78(5):593-602, 2000.

Suggested Readings:

General

Frautschi S, Cerulli A and Maine D. "Suicide during Pregnancy as a Component of Maternal Mortality." *International Journal of Gynaecology and Obstetrics* 47:275-284, 1994.

Thaddeus S and D Maine. "Too Far To Walk: Maternal Mortality in Context." *Social Science and Medicine* 38(4):1091-1110, 1994.

History

Browne FJ. "Antenatal Care and Maternal Mortality." *The Lancet* July 2, 1932:1-4.

Browne FJ, Cassie E, Buchan GF. "Are We Satisfied with the Results of Antenatal Care?" *The British Medical Journal* August 4, 1934:194-200.

Holmes OW. "The Contagiousness of Puerperal Fever." *Medical Essays*. Cambridge: The Riverside Press, 1891. pp. 103-172.

Huntington JL. "Relation of the Hospital to the Hygiene of Pregnancy." *Boston Medical and Surgical Journal* 21:763-765, Nov. 20, 1930.

Willmott Dobbie BM. "An Attempt To Estimate The True Rate Of Maternal Mortality, Sixteenth To Eighteenth Centuries." *Medical History* 1982, 26: pp. 79-90.

Wrigley AJ. "A Criticism of Ante-Natal Work." *British Medical Journal* May 19, 1934:891-894.

Morbidity

Bhatia J and J Cleland. "Self-reported Symptoms of Gynecological Morbidity and Their Treatment in South India." *Studies in Family Planning* 26:203-216, 1995.

Cottingham J and E Royston. "Obstetric Fistulae: A Review of Available Information." *Maternal Health and Safe Motherhood Programme* WHO, 1991:1-10.

Tahzib F. "Vesicovaginal Fistula in Nigerian Children." *The Lancet* December 1985:1291-1293

Zurayk H, et al. "Comparing Women's Reports with Medical Diagnoses of Reproductive Morbidity Conditions in Rural Egypt." *Studies in Family Planning* 26:14-21, 1995.

Class 4 (Sept. 27): Maternal Mortality: Developing Country Programs, Design and Evaluation

Required Readings:

Maine D and A Rosenfield. "The Safe Motherhood Initiative: Why Has it Stalled?" *AJPH* 89(4): 480-482, April 1999.

Maine D. *Safe Motherhood Programs: Options and Issues*. Columbia University, Center for Population and Family Health, New York, 1991, pp. 42-51. **

Ronsmans C, Vanneste AM, Chakraborty J, van Ginneken J. "Decline in Maternal Mortality in Matlab, Bangladesh: A Cautionary Tale." *The Lancet* 350:1810-1814, Dec. 20/27, 1997.

Walker G, McCaw A, Ashley D, Bernard GW. "Maternal Mortality in Jamaica." *The Lancet* March 1, 1986: 486-488.

Wardlaw T and D Maine. "Process Indicators for Maternal Mortality Programmes." *Safe Motherhood Initiatives: Critical Issues*. Reproductive Health Matters, Blackwell, London, 1999, pp. 24-30.

Print-outs from various organization web-sites will be handed out in class. **

Screening

Maine D. *Safe Motherhood Programs: Options and Issues*. Columbia University, Center for Population and Family Health, New York, 1991, pp. 30-33. **

Skegg DC. "Cervical Screening Blues." *Lancet* 345:1451-2, 1995.

Raffle AE, et al. "Detection Rates for Abnormal Cervical Smears: What are we Screening for?" *Lancet* 345:1469-73, 1995.

Russell L. "Cost-Effectiveness Analysis and Screening Tests for Women." *JAMWA* 55(4):207-209, Summer 2000.

Suggested Readings:

"Maternal Mortality in 1995: Estimates developed by WHO, UNICEF, UNFPA." WHO, 2001. (*On reserve*) **

The Prevention of Maternal Mortality Network. *Results from the PMM Conference: Abstracts*. Accra, Ghana, 1996. **

Graham WJ, Bell JS, Bullough CH. "Can skilled attendance at delivery reduce maternal mortality in developing countries? *Studies in Health Services Organisation & Policy*, 17, 97-130, 2001. (On reserve)

Hanley JA, Hagen CA, Shiferaw T. "Confidence Intervals and Sample-size Calculations for the Sisterhood Method of Estimating Maternal Mortality." *Studies in Family Planning* 27(4):220-227, 1996.

Rosenfield A and D Maine. "Maternal Mortality -- A Neglected Tragedy: Where is the M in MCH?" *The Lancet* July 13, 1985:83-85.

Shahidullah M. "The Sisterhood Method of Estimating Maternal Mortality: The Matlab Experience." *Studies in Family Planning* 26(2):101-106, 1995.

Screening - General

The Kasongo Project Team. "Antenatal Screening for Fetopelvic Dystocias. A Cost-Effectiveness Approach to the Choice of Simple Indicators for Use by Auxiliary Personnel." *Journal of Tropical Medicine and Hygiene* 87:173-183, 1984.

Hall M and PK Chng. "Is Routine Antenatal Care Worth While?" *The Lancet*. July 12, 1980:78-80.

Huntington J and FA Connell. "For Every Dollar Spent: The Cost-Savings Argument for Prenatal Care." *NEMJ* 331(19):1303-7, 1994.

JAMWA issue on Screening Tests and Women's Health, 55(4), Summer 2000.
http://www.jamwa.org/vol55/toc55_4.htm

Russell LB. "Screening for Cervical Cancer." *Educated Guesses*. Univ. California, Berkeley, 1994:6-24, 75-95.

Various authors. "Cervical screening: What is the point?" *Lancet* 346:244-247, 1995.

Westhoff C. "Thoughtful Screening." *JAMWA* 55(4):206, Summer 2000.

Mammography

Lantz PM. "Providing Follow-Up & Treatment in the National Breast & Cervical Cancer Early Detection Program." Reprinted from *Morbidity and Mortality Weekly Report* 47(11), March 27, 1998.

Sackett D. "Screening in Family Practice: Prevention, Levels of Evidence, and the Pitfalls of Common Sense." *Journal of Family Practice* 24(3):233-234, 1987.

Smith-Bindman R and K Kerlikowske. "Is There a Downside to Elderly Women Undergoing Screening Mammography?" *Journal of National Cancer Institute* 90(18):1322-1323, 1998.

Welch HG and E Fisher. "Diagnostic Testing Following Screening Mammography in the Elderly." *Journal of National Cancer Institute* 90(18):1389-1392, 1998.

Class 5 (Oct. 4): Abortion, International

Required Readings:

Berer M. "Making Abortions Safe: A Matter of Good Public Health Policy and Practice." *Bulletin of the WHO* 78(5): 580-592, 2000.

Elul, B, S.Hajri, Nguyen thi N N, C Ellertson, C Ben Slama, E Pearlman, B Winikoff. "Can women in less-developed countries use a simplified medical abortion regimen ?" *The Lancet*, 5 May 2001, vol 357, pp.1402-05.

Henshaw S, Singh S, Haas T. "The Incidence of Abortion Worldwide." *International Family Planning Perspectives* 25(supp.):S30-S38, 1999.

Rahman A, Katzive L, Henshaw, S. "A Global Review of Laws on Induced Abortion, 1985-1997." *International Family Planning Perspectives* 24(2):56-64, 1998.

Stephenson P, et al. "Commentary: The Public Health Consequences of Restricted Induced Abortion -- Lessons from Romania." *AJPH* 82(10):1328-31, 1992.

Winikoff, B, C Ellertson, B Elul, I Sivin. "Acceptability and Feasibility of Early Pregnancy Termination by Mifepristone-Misoprostol: Results of a Large Multicenter Trial in the United States", *Archives of Family Medicine*, vol. 7, July/August 1998.

Suggested Readings:

Bygdeman M, Danielsson K, Marions L. "Medical Termination of Early Pregnancy: The Swedish Experience." *JAMWA* 55(3):195-196, supp. 2000.

Coyaji K. "Early Medical Abortion in India: Three Studies and Their Implications for Abortion Services." *JAMWA* 55(3):191-194, supp. 2000.

Shangchun W. "Medical Abortion in China." *JAMWA* 55(3):197-199, supp. 2000.

Singh K and R Ratnam. "The Influence of Abortion Legislation on Maternal Mortality." *IJOG* 63 (supp. 1):S123-S129, 1998.

Class 6 (Oct. 11): Abortion, United States

Required Readings:

“Abortion Surveillance: Preliminary Analysis-US, 1997.” *MMWR* 48(51):1171-1174, Jan. 7, 2000.

Boonstra H and A Sonfield. “Rights without Access: Revisiting Public Funding of Abortion for Poor Women.” *The Guttmacher Report on Public Policy* April 2000:8-11.

Henshaw S. “Abortion Incidence and Services in the United States, 1995-1996.” *Family Planning Perspectives* 30(6):263-270+287, 1998.

Jones B and S Heller. “Providing Medical Abortion: Legal Issues of Relevance to Providers.” *JAMWA* 55(3) supp.: 145-150, 2000.

Suggested Readings:

Annas G. “Partial Birth Abortion, Congress, and the Constitution.” *NEJM* 339(4): 279-83, 1998.

Chavkin W. “Topics for Our Times: Public Health on the Line -- Abortion and Beyond.” *AJPH* 86(9):1204-6, 1996.

JAMWA issue on Medical Abortion. 55(3) Supplement 2000.
<http://www.jamwa.org>

Joffe C. “The Unending Struggle for Legal Abortion: Conversations with Jane Hodgson.” *JAMWA* 49(5):160-164, 1994.

Lichter D, McLaughlin D, Ribar D. “State Abortion Policy, Geographic Access to Abortion Providers and Changing Family Formation.” *Family Planning Perspectives* 30(6):281-287, 1998.

Class 7 (Oct. 18): Maternal Mortality: Developed Countries

Required Readings:

“Achievements in Public Health, 1900-1999: Healthier Mothers and Babies,” *MMWR* 48(38):849-858, Oct. 1, 1999.

Hopkins F, Mackay A, Koonin L, Berg C, Irwin M, Atrash H. “Pregnancy-Related Mortality in Hispanic Women in the United States.” *Obstetrics and Gynecology* 94(5):747-752, Nov. 1999.

Hoyert D, Danel I, Tully P. “Maternal Mortality, United States and Canada, 1982-1997.” *Birth* 27(1): 4-11, March 2000.

“Maternal Deaths Associated with Barbiturate Anesthetics-New York City.” *MMWR* 36(37):579-582, Sept. 19, 1986.

“State-Specific Maternal Mortality Among Black and White Women,” *MMWR* 48(23):492-496, June 18, 1999.

Suggested Readings:

Allen MH, Chavkin W, Marinoff J. “Ascertainment of Maternal Deaths in New York City.” *AJPH* 81:380-2, 1991.

Chichakli L, Atrash H, Mackay A, Musani A, Berg C. “Pregnancy-Related Mortality in the United States due to Hemorrhage: 1979-1992.” *Obstetrics and Gynecology* 94(5): 721-725, Nov. 1999.

Why Mothers Die: Report on Confidential Enquiries into Maternal Deaths in the United Kingdom, 1994-1996. Dept of Health, Welsh Office; Scottish Department of Health; Dept. of Health and Social Services, Northern Ireland, 1998.
(On reserve)