

BANGLADESH INSTITUTE OF RESEARCH FOR PROMOTION OF ESSENTIAL AND REPRODUCTIVE HEALTH AND TECHNOLOGIES (BIRPERHT)

1. Type of Organisation : BIRPERHT is a semi autonomous research institution created by Govt. resolution.
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4. Head of the Organisation (Name and Designation) : Dr. Halida Hanum Akhter
Director.
5. Objectives :
 - 1) To identify problems related to essential and reproductive health promotion at national level and set their priorities, with special emphasis on maternal and child health;
 - 2) To help govt. in introduction of advanced contraceptive methods and reproductive technologies
 - 3) Through planning and conducting clinical trials, dissemination of results and designing appropriate implementation strategies;
 - 4) To assess the extent of maternal morbidity and mortality related to pregnancy through epidemiological, hospital and population based researches;
 - 5) To design and test simple interventions to improve reproductive health of women in general;
 - 6) To assess the impact of maternal health care on the pregnancy outcome and mothers' health;

- 7) To assess the extent of health problems of women, with particular emphasis on adolescent and perimenopausal health;
- 8) To help generate research ideas and establish investigators network through provision of methodological, analytical and technical support with a view to promote clinical research in the country;
- 9) Develop in-country health research and enhance research capabilities among active and potential researchers;
- 10) To disseminate advanced knowledge, experience and research findings on health and other health related topics and to ensure effective utilisation of these results through appropriate strategies;
- 11) To improve the skills of potential researchers through training on research methodologies on contraceptive and epidemiological studies and clinical trial;
- 12) Establish a channel of communication between researchers, clinicians and programme planners;
- 13) Supplement national health and family welfare programme through providing technical assistance, in designing and implementing strategies for introduction of contraceptive technologies; and
- 14) To present the results of research studies and evaluations to the govt. for utilisation of appropriate contraceptive technologies and to disseminate information on latest contraceptive technologies and reproductive health through research papers, technical reports, booklets, seminars, conferences and workshops.

6. Recent Research Publication of the Organisation (1996-99)

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- 1) Norplant Pre-introductory Pilot Phase in Bangladesh, BIRPERHT Publication No. 106, Technical Report No. 54, March, 1996, Dhaka.

- 2) Report on "A study to compare the side effects, continuation and acceptability of TCU 200, 380A and ML 375". BIRPERHT Publication No. 107, Technical Report No. 55, March, 1996, Dhaka.
- 3) Report on "A study to compare compliance, continuation & failure rates and reported side effects of low dose & standard dose oral pill in rural Bangladesh". BIRPERHT Publication No. 108, Technical Report No. 56, April, 1996, Dhaka.
- 4) Reproductive health issues and implementation strategies in Bangladesh. BIRPERHT Publication No. 109, Technical Report No. 57, May, 1996, Dhaka.
- 5) A bibliography on 'Menstrual regulation and abortion studies in Bangladesh'. BIRPERHT Publication No. 110, Technical Report No. 58, December, 1996, Dhaka.
- 6) Selected reproductive health elements and intervention. BIRPERHT Publication No. 111, Technical Report No. 59, January, 1997, Dhaka.
- 7) A cross-sectional study on "Maternal morbidity in Bangladesh". BIRPERHT Publication No. 112, Technical Report No. 60, December, 1996, Dhaka.
- 8) A profile- research methodology training courses. BIRPERHT Publication No. 113, Technical Report No. 61, February, 1997, Dhaka.
- 9) An album of publications of BIRPERHT. BIRPERHT Publication No. 114, Technical Report No. 62, April, 1997, Dhaka.
- 10) Proshuti Mayeder Mormosparshi Gatha Chitra, BIRPERHT Publication No. 115, December, 1997, Dhaka.

- 11) A national baseline survey to assess the breastfeeding practices in Bangladesh. BIRPERHT Publication No. 116, Technical Report No. 64, February, 1998, Dhaka.
- 12) A report on "Introduction of laparoscopic technique in Bangladesh." BIRPERHT Publication No. 117, Technical Report No. 65, June, 1998, Dhaka.
- 13) A study to "Assess the determinants and consequences of abortion in Bangladesh." BIRPERHT Publication No. 118, Technical Report No. 66, November, 1998, Dhaka.
- 14) A study to "Identify the risk factors affecting nutritional status of adolescent girls in Bangladesh." BIRPERHT Publication No. 119, Technical Report No. 67, December, 1998, Dhaka.
- 15) BIRPERHT Transition and Progress.
- 16) BIRPERHT Publication No. 121, Technical Report No. 69, Nov, 1999, Dhaka.
- 17) "A compendium on maternal mortality research in Bangladesh", BIRPERHT Publication No. 120, Technical Report No. 68, November, 1998, Dhaka.

7. On-going Research Projects :
- 1) An operations Research on obstetric first AID EOC at selected unions.
 - 2) An operational research on reproductive health counselling.
 - 3) A national survey on prevalence of anaemia and malnutrition among children, preadolescents, adolescents and adults.
 - 4) Effect of vitamin A and multiple micronutrient supplementation during pregnancy and lactation on maternal, foetal and infant mortality.

8. Future Plan of Research : Not Available.
9. Chief Researchers : **1. Dr. Halida Hanum Akhter**, Director. Dr. P.H., Department of Population Dynamics, School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Maryland, USA. Spec: Sociomedical, clinical & field Research & epidemiology of Reproductive Health & Contraceptive Technology, Family Planning Administration, Population Dynamics.

Publications:

- 1) Co-autor- Khan AR, D'Souza SM, Menstrual regulation Service: a preliminary report. Bangladesh Medical Research Council Bulletin, 1975.
- 2) Co-autor- Khan AR, Jahan FA. Early experience with minilaparotomy and culdoscopic tubal sterilisation in Bangladesh. Bangladesh Fertility Research Program Technical Report No. 1, 1976.
- 3) Co-autor- Khan AR, Bernard RP. The family planning model clinic and research centre evaluation of method acceptance during the first two years 1974-1976. Bangladesh Fertility Research Program Technical Report, No. 2, 1976.
- 4) Co-autor- Khan AR, Jahan FA. Menstrual regulation service in Bangladesh, Model Clinic experience. Bangladesh Fertility Research Program Technical Report No. 6, 1977.
- 5) Co-autor- Khan AR, Ali AH. Preliminary report on comparative experience with use of minilaparotomy and culdoscopic tubal sterilisation at Model Clinic. Bangladesh Fertility Research Program Technical Report, No. 11, 1978

- 6) Co-autor- Khan AR, Ali AH, Dixon BA. Female sterilisation: A comparison of minilaparotomy and culdoscopy. Singapore Journal of Obstetrics and Gynaecology, 1982; 13:31-37.
- 7) Co-autor- Dr. Shafiqur Rahman et al Introduction of the injectable contraceptive NET-EN into Family Planning clinics in Bangladesh Results from a field study. Bulletin of WHO 1985, 63(4):785.
- 8) Akhter HH, Weighing risks against benefits in contraceptive safety in ethical issues in Family Planning: Draper Fund Report No. 12 August 1983 issue.
- 9) Akhter HH, Rider RV. Characteristics of clients choosing menstrual regulation versus contraception in Bangladesh: Studies in Family Planning, 14, No. 12 (December 1983): pp 318-323
- 10) Akhter HH, Rider RV. Subsequent continuation of contraception among menstrual regulation versus other clients: Journal of Biosocial Science 1984, 22:137-143.
- 11) Akhter HH, Rider RV. Menstrual regulation and contraception: competing or complementary - a Bangladesh experience: International J. of Obstetrics and Gynaecology, 1984, 22: PP137-143.
- 12) Akhter HH, Flock ML, Rubin GL. Safety of abortion and tubal sterilisation performed separately vs. concurrently; the American Journal of Obstetrics and Gynaecology. 1985: 152:619-23.
- 13) Akhter HH, Predictors of contraceptive continuation among family planning acceptors of Bangladesh: submitted Journal of Bangladesh Development Studies volume XV September 1987 Number S PP101-119.

- 14) Akhter HH. Abortion in Bangladesh. Bangladesh Journal of Obstetrics and Gynaecology Vol. 1, No. 1, April 1986.
- 15) Akhter HH. Medical Practice after Availability of Menstrual Regulation. Proceedings on Christopher Tietze Symposium on prevention & treatment of contraceptive failure, Bedin, FRG September 21-22, 1985.
- 16) Akhter HH. Abortion in Bangladesh: An international handbook on abortion. Edited by Paul Sachdev, New York, Greenwood Press, 1988: 36-48.
- 17) Akhter HH. Scientific research in contraceptive technology and reproductive health. Vision, Vol. 5 No. 3, 1987, published by BIRDEM, Bangladesh.
- 18) Akhter HH, Ahmed S, Contraceptive continuation and failure in rural Bangladesh (UN) Proceedings of expert group meeting on methodologies organised by United Nations, New York, 5-7 December, 1988.
- 19) Akhter HH et al. The need for prophylactic antibiotic after female sterilisation: The case of tetracycline in Bangladesh. Published in Contraception: 42: 297-308 (1990).
- 20) Akhter HH, Medical practice after legalisation of abortion: Prevention and Treatment of Contraceptive Failure. In honour of Christopher Tietze. Edited by Uta Landy and S.I. Patnam, published by Plenum Press. PP 111-118.
- 21) Co-author, Choudhury SR. Supply aspects of meeting demand for family planning. South Asia study of population policy and programs : Bangladesh. Edited by M. Badruddoza, UNFPA. Dhaka 1990. pp. 199-244.

- 22) Akhter HH, Ahmed S. Bangladesh: Modern methods are well known but not widely used. Published in progress, No-19, 1991.
- 23) Akhter HH, Ahmed S. Determinants of contraceptive continuation in rural Bangladesh. Published in J.Biosoc. Sci. 24. 261, 268 (1992).
- 24) Contributor, Text Book of Community Medicine and Public Health. Edited by Rashid K.Mm, Khabiruddin, Hyder Sayeed, RKH publishers, Dhaka, First Edition, 1992, pp 535-543.
- 25) Contributor, Bangladesh's Population problem and programme Dynamics Edited by Mohammed A., Mabud, 1992, pp 78-93.
- 26) Akhter HH, Ahmed YH. Maternal Health in Bangladesh: Risks of unplanned fertility paper presented an expert group meeting on Maternal Mortality in the Islamic World, Cairo, Egypt, 16-17, 1992.
- 27) Akhter HH, et al, A five-year clinical evaluation of NORPLANT contraceptive subdermal implants in Bangladeshi acceptors, Contraception 47:569-582, 1993.28.
- 28) Akhter HH, A Special Obligation Access to Contraception: Network, Family Health International, Vol. 13 No.3, March 1993.
- 29) Akhter HH, et al, Determinants of Contraceptive use Dynamics in Rural Bangladesh, June, 1991.
- 30) Co-author, Baseline Survey for Assessment of Emergency Obstetric Care Services in Bangladesh, March, 1995.
- 31) Akhter HH, et al, Review of Performance of Trained TBAS, August, 1995.

- 32) Akhter HH, et al, Norplant Pre-introductory Pilot Phase in Bangladesh, February, 1996.
- 33) Akhter HH, et al, A study to Compare the Side Effects, Continuation and Acceptability of TCU 200, 380A and ML 375, March, 1996.
- 34) Akhter HH, et al, A study to Compare Compliance, Continuation & Failure Rates and Reported Side Effects of Low Dose & Standard Dose Oral Pill in Rural Bangladesh, April, 1996.
- 35) Akhter HH, et al, A cross-sectional study on Maternal morbidity in Bangladesh, December, 1996.
- 36) Akhter HH, et al, A National Baseline Survey to Assess the Breastfeeding Practices in Bangladesh, February, 1998.
- 37) Akhter HH, et al., A report on "introduction of laparoscopic technique in Bangladesh". June, 1998, Dhaka.
- 38) Akhter HH, et al., A study to assess the determinants and consequences of abortion in Bangladesh. November, 1998, Dhaka.
- 39) Akhter HH, et al., A study on "identify the risk factors affecting nutritional status of adolescent girls in Bangladesh". December, 1998, Dhaka.
- 40) Akhter HH, et al., Safe motherhood programmes in Bangladesh. Reproductive Health Matters 1999.
- 41) Rochat RW, Akhter HH, Tetanus and pregnancy-related mortality in Bangladesh. Vol 354, No 9178, 14 Aug 1999.

42) Yusuf HR, Akhter HH, Rahman MH, Chowdhury ME, Rochat RW, Injury-related deaths among women aged 10-50 yrs in Bangladesh. 1996-97, The Lancet, Vol 355, April 8, 2000.

2. Dr. M. Hafizur Rahman, Asst. Director (Research), M.P.H., Department of Population Dynamics, School of Hygiene and Public Health, The Johns Hopkins University, Baltimore, Maryland, USA, 1997. Spec: Sociomedical, clinical & field Research & epidemiology of Reproductive Health & Contraceptive Technology, Family Planning Administration, Population Dynamics.

Publications:

- 1) Co-author- Akhter HH, Rahman MH, Mannan I, Chowdhury MEK, Khan AKMK, Review of Performance of Trained TBAS. BIRPERHT Publication, No. 105, Technical Report No. 53, August, 1995, Dhaka. (considered to be published in quarterly journal MIDIRS Midwifery Digest, Midwives Information and Resource Service, 9 Elmadale Road, Clifton, Bristol BS8, 1SL, UK).
- 2) Co-author- Akhter HH, Karim F, Chowdhury MEEK, Rahman MH. A Study to Identify the Risk Factors Affecting Nutritional Status of Adolescent Girls in Bangladesh. BIRPERHT Publication No. 119, Technical Report No. 67, ISBN 984-8227-04-0, December, 1998, Dhaka.
- 3) Co-author- Akhter HH, Ahmed YH, Chowdhury MEEK, Rahman MH, Khan AH. Report on A Study to Assess the Determinants and Consequences of Abortion in Bangladesh. BIRPERHT Publication No. 118, Technical Report No. 66, ISBN 984-8227-03-2, November, 1998, Dhaka.
- 4) Co-author- Akhter HH, Rahman MH, Akhter, Ali Shamsur. A Report on

Introduction of Laparoscopic Technique in Bangladesh. BIRPERHT Publication No. 110, Technical Report No. 58, June, 1998, Dhaka.

- 5) Co-autor- Akhter HH, Rahman MH, Ahmed S, Reproductive Health Issues and Implementation Strategies in Bangladesh. BIRPERHT Publication No. 109, Technical Report No. 57, May, 1996, Dhaka.
- 6) Co-autor- Akhter HH, Chowdhury MEEK, Rahman MH, Hussain MAI, Report on A Study to Compare Compliance, Continuation & Failure Rates and Reported Side Effects of Low Dose & Standard Dose Oral Pill in Rural Bangladesh, April, 1996, Dhaka.
- 7) Co-autor- Akhter HH, Chowdhury MEEK, Rahman MH, Report on A Study to Compare the Side Effects, Continuation and Acceptability of TCU 200, 380A and ML 375, BIRPERHT Publication No. 107, Technical Report No. 55, March, 1996, Dhaka.
- 8) Co-autor- Akhter HH, Rasul KG, Rahman MH, Kabir AKMM, Khan AKMKZ, A Report on Norplant Pre-introductory Pilot Phase in Bangladesh, BIRPERHT Publication No. 106, Technical Report No. 54, February, 1996, Dhaka.
- 9) Co-autor- Akhter HH, Rahman MH, Mannan I, Chowdhury MEK, Khan AKMK, Review of Performance of Trained TBAS. BIRPERHT Publication, No. 105, Technical Report No. 53, August, 1995, Dhaka.
- 10) Co-autor- Ahmed YH, Rahman MH, Chowdhury FK, Khan YA and Akhter HH, Baseline Survey For Assessment of Emergency Obstetric Care Services in Bangladesh, March, 1995, Dhaka.

11) Rahman MH, Postpartum period: Focus of the issue, News & Views: Vol 4: No. 3: December 1992, ISSN 1011-5854, Dhaka.