



Ministry of Human Resource Development
Government of India



ALIGARH MUSLIM UNIVERSITY



GLOBAL INITIATIVE OF ACADEMIC NETWORKS (GIAN)

Pre-eclampsia: Solving the Puzzle and Ending Eclampsia

Preeclampsia-Eclampsia is a leading cause of maternal and perinatal morbidity and mortality with lifelong implications. Improved pregnancy outcomes and cost-savings maybe achieved by developing models of comprehensive, evidence based care for low- resource settings like ours. There are many knowledge gaps related to the aetiology, pathogenesis and management of the disease because of lack of research and poor data collection. This results in a deficient and inappropriate health policy and fund allocation.

The fundamental goal of our course is to advance our knowledge base, build independent capacity for research and data collection and develop evidence based strategies for implementation in our resource poor setting. We envisage a world where preeclampsia-eclampsia no longer threatens the lives of mothers and babies.

Aims and Objectives:

The broad aim of this course is to use the knowledge and experience of international expert on PIH who has worked in extremes of settings [Harvard and Haiti], help us develop management and research protocols applicable to our settings.

Primary Objectives: The objective of the course is to

1. Improve patient self identification by symptoms and timely clinical diagnosis of the disease by the health care workers.
2. Sensitize and update the knowledge of health professionals involved in the care of women with preeclampsia-eclampsia
3. Develop evidence based, culturally acceptable management protocols for PIH that can be used at the community and health facility level.
4. Develop research protocols and international collaborations to explore the knowledge gaps.

Secondary Objectives:

1. Update existing maternal health guidelines and arrive at possible solutions for low resource settings.
2. The documents developed can be used for informed policy making at the professional association and governmental level.

Who should attend?

1. Allopathic physicians involved in the care of pregnant women.
2. AYUSH physicians involved in the care of pregnant women.
3. Paramedical staff and peripheral health workers involved in the care of pregnant women.
4. Researchers intrigued by the knowledge gaps related to preeclampsia-eclampsia.
5. Social workers, NGOs in pursuit of strategies to decrease maternal morbidity and mortality.

Know your Faculty:



Associate Professor of Obstetrics/Gynecology and Section Chief, Maternal-Fetal Medicine, University of Chicago

Dr. Rana received her medical degree in India. She completed her residency in OBG at the University of Chicago in 2005 and fellowship in Maternal Fetal Medicine at Brown University, Rhode Island in 2008. Dr. Rana aims to improve maternal and fetal outcomes through research on preeclampsia and is working on several translational and clinical projects related to preeclampsia. Dr Rana is specifically involved in clinical studies to evaluate if angiogenic factors correlate with clinical diagnosis of preeclampsia and its associated adverse maternal and fetal outcomes specially in developing countries such as Haiti and India. A dedicated teacher, Dr. Rana trains residents and fellows on the use of ultrasound imaging, as well as the management of women with high risk pregnancies. She also serves as a mentor on various clinical, basic science and translational research projects; these mentored research projects have resulted in multiple national and international conference presentations, and published manuscripts.



Dr. (Prof) Vinita Das is Head of Department of OBG, KGMU, Lucknow, India. She is an experienced researcher, renowned teacher and an expert on high risk pregnancy specially GDM. Professor Das is member National Expert Group for EPTB guidelines, PPH guidelines and WHO pocket book for maternal care. She is the initiator of PPIUCD program in the state of Uttar Pradesh. She has revised EmOC curriculum and developed MOH GOI technical protocols for labour / delivery , calcium supplementation, GDM screening, deworming during pregnancy and screening for hypothyroidism in pregnancy. A gold medallist as student, she is the recipient of many prestigious national and international awards like FOGSI CL Jhaveri and CS Dawn Awards, FIGO Travel Fellowship, IMSP Fellowship at UT South Western, Dallas, Texas, USA, ALARM Canadian Fellowship 2003, Women Deliver Fellowship 2010 at Washington. She has published extensively and is on the review board of many journals.



Dr. Tamkin Khan, MS, DNB, MNAMS, FAIMER Fellow is working as Professor at JNMC, AMU, Aligarh. She has more than 22 years of clinical, research and teaching experience. Her areas of interest include emergency obstetric care, gynecological oncology and medical education. She is a master trainer for EMoC. She has published in national and international journals and is a reviewer of many journals including BMJ Case Reports. She works passionately both at professional and social level to decrease maternal mortality in her area. She is a FAIMER Fellow and co-ordinator of the medical education unit at her institution.

Registration Fee: without food and lodging but includes all instructional materials and high tea. No TA/ DA will be paid to the participants. Accommodation on payment can be arranged if requested.

Foreign delegates	US \$ 200
Indian delegates	INR 3000
Paramedics	Free

Mode of Payment:

Money to be transferred in the name of : "GIAN COURSE PIH" to Allahabad Bank, AMU Branch, Aligarh

Account number: 50409716938

Branch Code: 210134

IFSC code: ALLA0210134

MICR code: 202010003

Scientific Programme: November 13th to 17th

(12 hours in 5 days, 2.00 pm onwards)

Venue: Department of OBG, JNMC, AMU, Aligarh

13th
November

Day 1, 13th November, 2017

Session 1 [Didactic Lecture]: 1 hour

Definition, Classification and Aetiopathogenesis of PIH- What are the knowledge gaps?

Session 2 [Tutorial]: 1 hour

Clinical Manifestations and Unusual presentations of PIH

Session 3 [Didactic Lecture]: 30 minutes

Frontiers of Research on PIH - An Overview and do-able Projects

Home assignment: Interested participants prepare research projects

14th
November

Day 2, 14 th November, 2017

Session 4 [Didactic Lecture]: 1 hour

Screening and Prevention of PIH: An Update on recent advances applicable in our setting.

Session 5 [Didactic Lecture]: 1 hour

Comparison of National and International Guidelines

Do we need any changes in the Indian context?: A Literature Review

Session 6 [Didactic Lecture]: 1 hour

Anesthesia in PIH

Anticonvulsants and antihypertensives in PIH: drugs and monitoring

15th
November

Day 3, 15 th November, 2017

Session 6 [Case Studies]: 2 hours

Management of PIH: 4 Case Studies, participants work in groups followed by discussion

Session 7 [Hands on Skills Development]: 2 hours

Eclampsia Drill: Development of Learning Guide and Checklist

16th
November

Day 4, 16th November, 2017

Session 8 [Discussion]: 1 hour

Presentation and discussion on protocols prepared followed by finalisation of the Protocols.

Session 9 [Interactive session with hands on training for paramedics]: 2 hours

Preventing preeclampsia-eclampsia

Recognising preeclampsia-eclampsia

Immediate care of a convulsing woman, transfer and referral

17th
November

Day 5, 17th November, 2017

Session 10 [Group Activity, Tutorial]: 1 hour

Discussion, Presentation and Finalisation of Projects

Session 11 Feedback and Assessment : 1 hour

MCQs, Feedback Questionnaire

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Principal Coordinator:

Professor Tamkin Khan

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