Capacity Building of Primary Care Physicians in Gestational Diabetes by IDF Recognized (2015-16) GDM Course: Saving the Lives of Two Generations

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INTRODUCTION

It is estimated that 16.2% of live births are affected by some form of hyperglycaemia in pregnancy in 2015, of which 90% are due to GDM. Pregnancies complicated by GDM have fourfold increased risk of perinatal mortality and has a long-term health impact, with more than 50% of women with GDM going on to develop type 2 diabetes within 5-10 years of delivery. In India an estimated 4 million women have GDM.

Source: IDF Diabetes Atlas 7th Edition Available at URL: (<http://www.idf.org/gestational-diabetes>)

OBJECTIVES

Certificate Course in Gestational Diabetes Mellitus (CCGDM) was started in 2012 by Public Health Foundation of India (PHFI) in collaboration with an academic partner, Dr. Mohan's Diabetes Education Academy (DMDEA) with the educational grant support from Johnson & Johnson Medical Companies (J&J) and Johnson & Johnson Diabetes Institute (JJDI) with the following objectives:

- To enhance knowledge, skills & core competencies of Primary Care Physicians & Obstetricians & Gynaecologists in the management of GDM
- To develop a standard teaching protocol & module for evidence based learning
- To build a network of PCPs & Obstetricians & Gynaecologists with the specialists

METHODOLOGY

The Certificate Course in Gestational Diabetes Mellitus (CCGDM) is an executive on-job training program in which PCPs, OBGs are provided training in various Regional Training Centres spread all across India. Total duration of the course is four months with once a month contact session, conducted on a designated Sunday to better suit the busy practice schedule of physicians.

PROGRAM COVERAGE

437 Cities
257 Districts
26 States
03 UTs

MONITORING AND EVALUATION

RESULTS

HALL OF FAME

GOVERNMENT ADOPTION UNDER NATIONAL HEALTH MISSION

CONCLUSION

Focusing on gestational diabetes is a low-cost intervention both to improve maternal and child health as well as to prevent future diabetes. Providing screening and care to mothers at risk of gestational diabetes by training PCPs is likely to have a multi-generational impact on the beneficiaries as well as on health care systems and budgets. CCGDM is a well- defined model to build capacity among doctors in GDM Management. This progressive training model has the potential to be adopted by low income countries.

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