

## MATERNAL DEATH REVIEW IN MAHARASHTRA

### Introduction

The government of India guidelines<sup>1</sup> on Maternal Death Review (MDR) deals with Facility Based (FBMDR) and Community Based (CBMDR) reviews. As per the guidelines the third party review at the district level is to be conducted by the district magistrate / district collector, who is an officer from Indian Administrative Services Cadre working with the revenue department. The national workshop on MDR was conducted to orient all the state nodal officers in 2010.

### Program Description

Maharashtra released Government Resolution dated May 28<sup>th</sup> 2010<sup>2</sup> on MDR (i) notifying the facilities to do the FBMDR (ii) designating the officers performing reviews at district level. District Quality Assurance Committees are constituted both for Corporations and Districts separately under Chairmanship of Health Officer Corporation (MOH) and Civil Surgeon respectively.

As per the Government Orders, the third party review at district level is designated to be done by the Chief Executive Officer, Zilla Parishad in the districts and by Commissioner Corporation in the corporation area. There are four reasons as to why the CEO, Zilla Parishad / Commissioner Corporation are given the charge of reviewing the MDR cases. One, the public health institutions like Sub Health Centres and PHCs are under administrative control of Zilla Parishad as health is a transferred scheme to Zilla Parishad; two, CEO Zilla Parishad is also vice chairman of the District Health Society; three, the District Health Officer is also under the administrative control of CEO, ZP; four, the release of funds under NRHM to the institutions under control of Civil Surgeons viz. CHCs/DH are also with the approval of CEO

ZP. Commissioner Corporation is overall in-charge of health services provided in corporation area and Health Officer Corporation works under administrative control of Commissioner. There is separate Health Society on par with the District Health Society for the corporation. The CEO Zilla Parishad/Commissioner Corporation are also a IAS officers /or officers with conferred IAS. CEO ZP is under administrative control of the Rural Development department. Commissioner Corporation is under Urban Development Department. There are 33 districts where CEO Zilla Parishad conducts the review and 23 corporations where Commissioner of Corporation conducts the review in the State. The review by CEO Zilla Parishad and by Commissioner Corporation is attended by members of the respective District Quality Assurance Committee (DQAC) and not any member from PRI.

As per GOI guideline, there is no function given to the divisional level officers. But in Maharashtra, the health division is handholding and reviewing the MDR process in the districts and facilities. This meeting is attended by the MDR nodal officers and the District Quality Assurance Committee (DQAC) members.

### MDR findings

In 2012-13, the total number of facilities notified for FBMDR in the state were 1154 (Govt. 623, Pvt. 479, NGO/ Trust 52). FBMDR committees have been formed in all these institutions. In 2012-13, all of them conducted review meetings. In 2012-13 the estimated number of maternal deaths in Maharashtra was 2055. Against this, a total of 1402 cases were reported. At the district level CMO (Civil Surgeon, Health Officer Corporation) conducted review of 1315 cases. The CEO Zilla Parishad reviewed 531 cases. In the corporation area Commissioner of Corporation reviewed 721 cases. All divisions

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<sup>1</sup> Guidebook on Maternal Death Review, MoHFW, GOI, 2010

<sup>2</sup> GO dated May 2010

conducted review meetings. The bi-annual meeting of the State Task force is also held.

The preparation of annual report is under process.

The findings of MDR reviews<sup>3</sup> are;

**TABLE 1. MDR ANALYSIS**

Age	< 18 years	19-25 years	26-35 years	>35 years
	8	862	482	50
Caste	SC	ST	Others	
	159	217	1026	
Delays	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Not Indicated
	692	269	130	311
ANC Coverage	<3	>3	No ANC	Not Indicated
	554	477	220	151
Place of Death	At Home	On Road	Institute	Others
	97	133	1171	1
Causes of death	Number			
Hemorrhage (APH, PPH)	285			
Sepsis	133			
Abortion	17			
Obstructed Labour	15			
Ruptured uterus	15			
Hypertensive Disorders in Pregnancy / Eclampsia	216			
Anemia	90			
Heart Disease	72			
Hepatitis	70			
Not indicated	180			
Others	309			
Total	1402			

<sup>3</sup> MDR report, Government of Maharashtra, 2012-13  
# 1,2 – NHSRC, 3-Consultant (MH), SFWB, Maharashtra

