



Service Priorities and Programmes Electronic Presentations

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Establishment of Maternal Fetal Medicine Day Clinic in Department of Obstetrics & Gynaecology at Queen Mary Hospital

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Introduction

Obstetric patients with maternal or fetal complications require close monitoring. These women were usually admitted to await assessment by doctors on ad-hoc basis. The weekly Maternal Fetal Medicine (MFM) Day Clinic was established in July 2016. Service includes fetal cardiotocogram monitoring, ultrasound assessment, review of blood pressure and laboratory results and fetal intervention. The clinic was managed by a MFM subspecialist, a subspecialist trainee and a dedicated nurse and midwife.

Objectives

- 1) To provide a timely assessment of obstetric patients with maternal or fetal problems
- 2) To reduce hospital admission
- 3) To streamline clinical review and management

Methodology

The patients who were seen in the MFM Day clinic and those who were admitted for review were compared in terms of the caseload and disease conditions.

Result

There were 133 patients seen over 6 month period from July to December 2016. A patient may be assessed on more than one aspect. There were 117 ultrasounds, 80 non stress tests, 18 external cephalic version, 10 blood pressure monitoring, 30 reviews of investigation results and 3 fetal procedures performed.

19 patients required admission, mostly for high blood pressure (n=6), abnormal cardiotocogram (n=3) and management following fetal procedure (n=3).

The number of patients admitted for standby ultrasound was markedly reduced from 170 in first half year to 79 in second half year following the commencement of MFM clinic in July 2016.