

Pregnancy Outcomes After Recurrent Miscarriage

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Background

- The Recurrent Miscarriage Clinic (RMC) at the Royal Women’s Hospital (RWH) provides investigations for causes of recurrent miscarriage and early pregnancy support including reassurance ultrasound scans

Study Aims

- To examine pregnancy outcomes of patients that underwent a first trimester scan RMC at the RWH in the period between June 2022 to June 2023

Methods

- Deidentified patient data were collected via file review on Electronical Medical Records (EMR)
- Patient data were analysed using Microsoft Excel Version 16.74

Results

- 100 patients known to RMC at RWH were identified as pregnant in the period from 3/6/2022 to 1/6/2023
- Of the 100 patients, 81 received continued pregnancy care at RWH

Table 2. Pregnancy Outcomes

Outcomes	Number	Percentage
Further miscarriage	17	21.0%
Termination of pregnancy	2	2.5%
Livebirth	53	65.4%
Ongoing pregnancy	9	11.1%
Preterm birth	5	6.2%
Pre-eclampsia	3	3.7%
Gestational diabetes	16	19.8%
Threatened miscarriage	12	14.8%
Received progesterone	26	32.1%
Received low dose aspirin	43	53.1%

Table 1. Patient Demographics

Demographics	Results (mean)
Age	35.9
BMI	26.1
Gravida	5.1
Previous miscarriages	3.36

Discussion

- Most of the patients known to the RMC during the year had good pregnancy outcomes including livebirth
- Relatiely short time period with limited sample size
- Patient analysed already received a first trimester scan, precluding those with an earlier miscarriage or chemical pregnancy, which might increase the livebirth rate