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# Follow-up of Medical Management for Miscarriage in King Edward Memorial Hospital via delayed Ultrasound Scanning

## Introduction

There is no consensus in literature over timing of follow-up after misoprostol for miscarriage. The UK Guidelines suggest an initial ultrasound 7-14 days post misoprostol. King Edward Memorial Hospital (KEMH) in Western Australia used a Day 7 ultrasound with repeat misoprostol, and ultrasound Day 14 prior to recommending dilatation/curettage (D&C) of retained products.

## Methods

This was a cohort study of patient's undergoing medical management of miscarriage at KEMH between 2013 and 2016, of 72 patients in total. Misoprostol dosing was on Day 1, an ultrasound was performed Day 14 with a second dose of misoprostol if needed, with a final ultrasound on Day 21. This was compared to previous audit data which had initially established the 7 Day follow-up protocol as being safe.

## Results

The 14 Day follow up protocol had a 93% success rate. This was unchanged from the 7 Day protocol, also 93%. Both protocols had 2 patients needing emergency D&C. However the 14 Day protocol saw 15 unplanned presentations from the total 72 patients (21%). The 7 Day follow-up protocol saw 36 unplanned presentations of the total 100 patients (36%). This is a 58% reduction in unplanned attendances by extending to a 14 Day follow-up.

## Discussion

Extending the follow-up to 14 days conveys comparable success rates, with a significant reduction in attendances, and no increased complications.

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