

Recruitment

All pregnant asthmatic women identified at antenatal booking visit (12-14 weeks gestation) are assessed for eligibility and consented into study

Baseline assessment of asthma at 18 weeks

- Asthma history and assessment
- Asthma severity and control
- Spirometry

Randomisation by telephone system

Standard Care

Standard antenatal outpatient appointments with routine evaluation of asthma according to SA Perinatal Practice Guidelines

Assessment of asthma control by research midwife at 18, 24, 30 & 36 weeks gestation

Antenatal Asthma Management Service

Initial Visit @ 18 weeks gestation

- Asthma education session
- Evaluation of asthma control and management
- Development of Asthma Action Plan
- Detailed asthma management report written

IF ACQ \leq 1.5

IF ACQ $>$ 1.5

Referral to GP or respiratory physician

- No change in asthma therapy required
- Confirm Asthma Action Plan

Referral to GP or respiratory physician

- Assess appropriateness of step-up therapy
- Confirm Asthma Action Plan

Follow-up Visits @ 24, 30 & 36 weeks gestation

- Reinforcement of asthma knowledge
- Re-evaluation of asthma control and management
- Revision of Asthma Action Plan (If necessary)

IF ACQ \leq 1.5

IF ACQ $>$ 1.5

No further referral required

- Follow Asthma Action Plan

Referral to GP or respiratory physician

- Assess appropriateness of step-up therapy
- Reassess Asthma Action Plan

Delivery Outcomes Recorded

Comparison of primary outcome:

- Asthma exacerbations

6 Month Follow-up of all children