# Do Malaysian asthma patients use asthma action plans? A cross sectional study in Malaysian primary care

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## Introduction

- Supported self-management, including provision of an asthma action plan (AAP) improves asthma control and overall health outcomes.<sup>1-3</sup>
- However, the concept of self-management and use of asthma action plan among Asian population is relatively new.
- The aim of this study is to determine the prevalence of AAP ownership among asthma patients and their characteristics in Malaysia primary care.

**Details** 

**Cross-sectional** 

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|                               | Methodology            |
|-------------------------------|------------------------|
| Methods                       | Study design           |
|                               | Setting                |
| 0.010                         | Sample population      |
| C KLINIK KESIHATAN PANDAMARAN | Data collection period |
|                               | Sampling method        |
|                               | Sample size            |
|                               | Questionnaire          |
|                               |                        |

| period          |  |
|-----------------|--|
| Sampling method | Sampling (every 2 <sup>nd</sup> patient with asthma  |
| Sample size     | The sample size is calculated using a for<br>Daniel ,1999) <sup>4</sup> and 30% attrition rate = 54  |
| Questionnaire   | <ul> <li>Assisted completion of questionnaires:</li> <li>1. Demographic and clinical profiles</li> <li>2. Reported ownership of action plans</li> <li>3. Asthma control questionnaire (ACQ)</li> </ul> |
| Data analysis   | Chi square tests were used to associate<br>with the primary outcome. Multivariate lo<br>were used to adjust for confounders. As<br>considered significant at 95% confidence                            |
|                 | Sampling method<br>Sample size<br>Questionnaire  |

### Results

- Total number of participants: 550; Response rate: 87% (550/632) Only 160 (29.1%) own AAP, which are written in Malay language
- Of those who owned an AAP, 106 (66.2%) were confident to use it

### References

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