**Project Title:** Finding MARK (Measures of Allergic Rhinitis Knowledge): A systematic review and content analysis of outcome measures  
**Code:** WOOL2

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<th>Host School/ Institute</th>
<th>Address: Woolcock Institute of Medical Research 431 Glebe Point Road, Glebe, 2037</th>
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<td>Woolcock Institute of Medical Research</td>
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**Personal Supervisor:** Associate Professor Sinthia Bosnic-Anticevich

**Phone:** 02 9114 0145  
**Email:** sinthia.bosnic-anticevich@sydney.edu.au

**Co-Supervisor:** Dr Vicky Kritikos

**Project Type:** Qualitative Analysis, Literature Review

**Project Category:** Education, Respiratory, Allergy/Inflammation

**Project Keywords:**
1. allergic rhinitis knowledge
2. patient education
3. questionnaires
4. outcome measures
5. educational interventions

**Project Description:**

**Aim:** The aim of this research is to identify high-quality, validated and reliable instruments that assess knowledge of allergic rhinitis in patients or healthcare providers, suitable for use in either the clinical or research setting.

**Background:** Patient education is a key element to successful management of allergic rhinitis included in international management guidelines, which have emphasised education as a process underpinning the understanding associated with appropriate medication use, self-management, the potential negative impact of allergic rhinitis on quality of life and associated complications. Since most health care professionals are key providers of education for allergic rhinitis, their knowledge of allergic rhinitis and management practices often need to be updated through continuing education. This is to ensure that the education provided to the patient conforms to best practice guidelines. Moreover, health care professionals need to tailor this education to the patients’ needs and determine if the education provided results in an improvement in allergic rhinitis knowledge. Currently, there is no gold standard outcome measure that is able to assess patient’s or healthcare provider’s knowledge of allergic rhinitis.

**Methods:** Phase 1: Systematic review- A search strategy will be designed based on the PRISMA guidelines, to identify outcome measures that are able to assess knowledge of allergic rhinitis in (1) people with allergic rhinitis or caregivers of people with allergic rhinitis (2) health care providers.  
Phase 2: Content analysis- The content and distribution of questions in each outcome measure will be analysed and categorized using QSR NVivo.

**Significance:** This research is important as it will provide the foundation for the development of valid and reliable instruments for people with allergic rhinitis and health care providers, which assess knowledge of allergic rhinitis based on current management guidelines, and are suitable for use in the primary or secondary setting.