

Manipal Academy of Higher Education

**Impressions@MAHE**

---

Manipal College of Health Professions, Manipal  
Theses and Dissertations

MAHE Student Work

---

Spring 6-30-2022

## **A NARRATIVE REVIEW ON THE DIAGNOSTIC ABILITY OF DRY EYE QUESTIONNAIRES**

Shonal D'souza

Follow this and additional works at: <https://impressions.manipal.edu/mcph>



Part of the [Medicine and Health Sciences Commons](#)

---

## ABSTRACT

**PURPOSE:** To review the studies done on the following five questionnaires including Ocular surface disease index (OSDI), Standard patient evaluation of eye dryness(SPEED), McMonnies Questionnaire(MQ), Dry eye questionnaire-5(DEQ-5), Contact lens dry eye questionnaire-8 (CLDEQ-8).

**OBJECTIVE:**

1. To review and summarize the studies done on different dry eye questionnaires based on their diagnostic ability.
2. To review the limitations based on studies of the different dry eye questionnaires.

**METHODS:** This review considered all studies related to the 5 dry eye questionnaires in the electronic database like PubMed, Google Scholar, Web of Science and Scopus.

**RESULT:** In this study, a total of 10 articles are included. Out of which three studies are on the Chinese population, three on the Indian population, one on the African population and three others. The OSDI is commonly used along with DEQ-5 and MQ. All questionnaires showed good screening ability. There were some drawbacks seen in each questionnaire.

**CONCLUSION:** The OSDI, SPEED, DEQ-5, CLDEQ-8 and MQ all showed excellent validity and repeatability and all except the MQ showed good internal consistency. All five questionnaires can be used as a screening tool to diagnose dry eye disease.

---

---





















---

---













