

INTISARI

Latar Belakang: *Mobile Male Fertility Risk Assessment Tool (Male-FertiASST)* merupakan aplikasi *mobile* yang berisi informasi tentang fertilitas laki-laki serta pengkajian risiko masalah kesuburan laki-laki. *Male-FertiASST* dapat diakses melalui halaman web maupun aplikasi yang dapat diunduh pada *handphone android*. Penilaian terhadap keberhasilan suatu sistem dapat dilakukan melalui evaluasi kepuasan pengguna.

Tujuan Penelitian: Untuk mengetahui gambaran tingkat kepuasan pengguna aplikasi *Mobile Male Fertility Risk Assessment Tool (Male-FertiASST)* pada laki-laki usia reproduktif di Sleman, Yogyakarta.

Metode: Jenis penelitian adalah deskriptif observasional dengan pendekatan kuantitatif dan rancangan *cross-sectional*. Penelitian dilakukan pada bulan September 2019 - Mei 2020 dengan sampel penelitian 42 laki-laki usia reproduktif di Sleman, Yogyakarta. Pengambilan sampel menggunakan teknik *purposive sampling*, *simple random sampling* dan *accidental sampling*. Pengumpulan data menggunakan instrumen *End-User Computing Satisfaction (EUCS)* yang telah diuji validitas dan reliabilitas. Analisis data menggunakan analisis univariat yang disajikan dalam mean, standar deviasi, distribusi frekuensi, persentase, dan kategorisasi sesuai instrumen.

Hasil: Nilai rata-rata kepuasan pengguna *Male-FertiASST* secara keseluruhan adalah 3,19. Sedangkan nilai rata-rata pada setiap domain EUCS adalah *content* = 3,14 ; *accuracy* = 3,21 ; *format* = 3,10 ; *ease of use* = 3,30 dan *timeliness* = 3,18.

Kesimpulan: Pengguna merasa puas dalam menggunakan aplikasi *mobile Male-FertiASST*. Setiap domain EUCS memiliki tingkat kepuasan puas dengan nilai tertinggi pada domain *ease of use* dan nilai terendah pada domain *format*.

Kata Kunci: Aplikasi *Male-FertiASST*, EUCS, fertilitas, kepuasan

ABSTRACT

Background: Mobile Male Fertility Risk Assessment Tool (Male-FertiASST) is a mobile application, contains of information and risk assessment tool for male fertility problems. Male-FertiASST can be accessed through web pages as well as application that can be downloaded on android phones. The rating from this system can be assessed through user satisfaction evaluation.

Objectives: To figure out the satisfaction level of the users of Mobile Male Fertility Risk Assessment Tool (Male-FertiASST) in reproductive age males in Sleman, Yogyakarta.

Methods: This type of research is descriptive observational with quantitative approaches and cross-sectional design. The research was conducted in September 2019 - May 2020 with research samples were 42 reproductive age males in Sleman, Yogyakarta. Research samples were taken using purposive sampling, simple random sampling and accidental sampling. All data were collected using End User Computing Satisfaction (EUCS) instrument that has been tested for validity and reliability. The data was analyzed using univariate analysis presented in the mean, standard deviation, frequency distribution, percentages, and categorization according to the instrument.

Result: The average of Male-FertiASST user satisfaction is 3.19. While the average on each domain of EUCS is content = 3.14; accuracy = 3.21; format = 3.10; Ease of Use = 3.30 and timeliness = 3.18.

Conclusion: The users feel satisfied in using mobile application Male-FertiASST. Each EUCS domain has satisfaction level, the ease of use domain as the highest value and the format domain as the lowest value.

Keywords: EUCS, fertility, Male-FertiASST application, satisfaction