

**PROGRAM STUDI S1 KEPERAWATAN FAKULTAS KEPERAWATAN
INSTITUT KESEHATAN PAYUNG NEGERI PEKANBARU**

Prototipe, Februari 2025

WILA SATRIDAWATI

**PROTOTYPE: WEBSITE DETEKSI DINI INFEKSI SALURAN
PERNAPASAN AKUT (ISPA) “ISPA CARE”**

xiii + 82 Halaman + 6 Tabel + 1 Gambar + 6 Lampiran

ABSTRAK

Infeksi Saluran Pernapasan Akut (ISPA) merupakan salah satu masalah kesehatan yang masih menjadi perhatian di secara global. Pencegahan ISPA dapat dilakukan melalui vaksinasi, di mana vaksin influenza dikembangkan setiap tahun untuk menghadapi mutasi virus. Selain vaksinasi, website merupakan salah satu bentuk skrining yang dilakukan untuk mendeteksi dini ISPA. Website ini bertujuan Mengetahui pengembangan produk, umpan balik dari proses analisis, mengetahui model rancang, mengetahui implementasi dan uji kelayakan serta uji coba skala terbatas ISPA CARE. Metode yang digunakan adalah *Research and Development* (R&D) dengan pendekatan ADDIE (*Analysis, Design, Development, Implementation, Evaluation*). Hasil pengembangan prototipe ini tercipta website ISPA CARE website ini berisi tentang informasi terkait ISPA, Implementasi website dilakukan melalui tahapan desain, pengembangan, dan uji coba skala terbatas dengan melibatkan 13 pengguna sebagai sampel awal dan melakukan uji *expert* dengan 3 ahli materi. Evaluasi sistem dilakukan berdasarkan tiga aspek utama: Efisiensi, Efektivitas, dan Kepuasan, dengan penilaian dari 13 responden dan 3 ahli materi. Hasil uji kelayakan website dengan total skor keseluruhan nilai dari user dan ahli materi berada dalam rentang 81%-100%, dengan total keseluruhan user 85.98% dan ahli materi 80% sehingga seluruh aspek dinilai “Sangat Layak”. Pengembangan prototipe selanjutnya ini bisa menambahkan fitur ruang konsultasi dan pelayanan *home care* yang belum tersedia pada website ISPA care.

Kata Kunci : ISPA, skrining, deteksi dini, ADDIE, ISPA CARE

Daftar Bacaan : 43 (2019-2024)

**STUDY PROGRAM, FACULTY OF NURSING
PAYUNG NEGERI INSTITUTE OF HEALTH SCIENCE**

Prototipe, Februari 2025

WILA SATRIDAWATI

**PROTOTYPE: “ISPA CARE” ACUTE RESPIRATORY INFECTION (ARI)
EARLY DETECTION WEBSITE**

xiii + 82 Halaman + 6 Tabel + 1 Gambar + 6 Lampiran

ABSTRACT

Acute Respiratory Infection (ARI) is one of the health issues that remains a concern in Riau. ARI prevention can be done through vaccination, where influenza vaccines are developed every year to deal with virus mutations. In addition to vaccination, a website is one form of screening that is done to detect ARI early. This website aims to know the product development, feedback from the analysis process, know the design model, know the implementation and feasibility test and limited scale trial of ISPA CARE. The method used is Research and Development (R&D) with the ADDIE approach (Analysis, Design, Development, Implementation, Evaluation). The results of the development of this prototype created the ISPA CARE website this website contains information related to ISPA, website implementation is carried out through the stages of design, development, and limited scale trials involving 13 users as an initial sample and conducting expert tests with 3 material experts. System evaluation is carried out based on three main aspects: Efficiency, Effectiveness, and Satisfaction, with assessments from 13 respondents and 3 material experts. The results of the feasibility test of the website with a total score of all values from users and material experts are in the range of 81%-100%, with a total of 85.98% users and 80% material experts so that all aspects are rated “Very Feasible”.

Keywords : ARI, screening, early detection, ADDIE, ARI CARE

References : 43 (2019-2024)