

ABSTRAK

Latar Belakang: Orang tua dapat berhalangan hadir mengantarkan anak ke Posyandu. Aplikasi android iPosyandu Orang Tua yang terhubung dengan aplikasi iPosyandu kader membantu orang tua memantau data hasil pemeriksaan anak kapanpun dan dimanapun. **Tujuan:** Mengetahui efektifitas video tutorial dalam iPosyandu untuk perubahan pengetahuan dan keterampilan orang tua dalam penggunaan aplikasi **Metode:** Kuantitatif intervensional dalam bentuk *one-group pretest-posttest design*. Teknik pengambilan sampel menggunakan *purposive sampling*. Besaran sample yang diambil sebanyak 60 orang tua di Kelurahan Cigugur Tengah, Cimahi. Pengambilan data menggunakan kuesioner yang diberikan sebelum dan sesudah diberikan video tutorial penggunaan aplikasi. STATA 15.1 Special Edition (lisensi) digunakan dalam analisis komparasi (Paired T test atau Wilcoxon Signed-rank test). **Hasil:** Terdapat perubahan pengetahuan dengan nilai $p=0.000$, *effect size* 2.0 dan keterampilan ($p=0.000$, *effect size* 9.37). **Kesimpulan:** Peningkatan pengetahuan dan keterampilan dalam menggunakan aplikasi iPosyandu dapat berkontribusi pada pemahaman dan perilaku orang tua terkait pemantauan tumbuh kembang anak.

Kata Kunci : Pengetahuan, Kemampuan, iPosyandu Orang tua

ABSTRACT

Background: Parents may face difficulties in attending Posyandu (integrated health services post) with their children. The iPosyandu Parent App, connected to the iPosyandu app used by healthcare volunteers (kader), assists parents in monitoring their children's health data anytime and anywhere. **Objective:** To assess the effectiveness of video tutorials within the iPosyandu Parent App in promoting changes in parental knowledge and skills regarding app utilization. **Methods:** A quantitative interventional study with a one-group pretest-posttest design was conducted. Purposive sampling was employed to select a sample of 60 parents residing in the Cigugur Tengah sub-district of Cimahi. Data were collected using a questionnaire administered before and after providing the video tutorial on app usage. STATA 15.1 Special Edition (licensed) was used for comparative analysis (Paired T test or Wilcoxon Signed-rank test). **Results:** The study revealed significant improvements in parental knowledge ($p=0.000$, effect size 2.0) and skills ($p=0.000$, effect size 9.37) after watching the video tutorial. **Conclusion:** Enhancements in parental knowledge and skills in utilizing the iPosyandu app can contribute to better understanding and behavior related to monitoring child growth and development.

Keywords: Knowledge, Skills, iPosyandu Parent App