



Research article

Evaluation of rational drug use in pharmaceutical services at Deli Serdang District Health Center, North Sumatera, Indonesia

Adek Chan, Hafizhatul Abadi*, Darwin Syamsul, Rodiahti Pulungan

Faculty of Pharmacy and Health, Institut Kesehatan Helvetia, Medan, Indonesia.

Key words: Rational drug use, pharmaceutical services, antibiotics evaluation, district health center.

***Corresponding Author: Hafizhatul Abadi,** Faculty of Pharmacy and Health, Institut Kesehatan Helvetia, Medan, Indonesia.

Vol. 6(1), 37-43, Jan-Mar, 2019.

Abstract

Objective: The aim of this research was evaluation of rational drug use at Health Society Center in Deli Serdang District, North Sumatera, Indonesia. **Method:** The method of this research is analytical survey with retrospective data collection from the data of patient and receipt in all health society center in Deli Serdang District, Sumatera Utara, Indonesia. **Results:** The 8 district health center with the highest percentage of rational drug use were sequentially Pengajahan (97.40%), Pantai Cermin (91.70%), Melati (83.30%), Tanjung Beringin (69.50%), Sialang Buah (67.10%), Bintang Bayu (66.50%) Perbaungan (62.30%) and Kuala Bali (61.60%), while 5 district health centers with the lowest percentage of rational drug use were Naga Kesiangan (37.3%), Kotarih (41.20%), Dolok Masihul (42.90%), Dolok Merawan (43.10%), Tebing Syahbandar (43.50%). **Conclusion:** The evaluation results of rational drug use based on indicators and the target of the Ministry of Health of the Republic of Indonesia are the number of district health center that have implemented rational drug use totaling 8 health centers (40%) from 20 District Health Center.