

**PROFILE OF COMPOUNDED MEDICATION'S PRESCRIPTION AND
EVALUATION ON THE AVAILABILITY OF ESSENTIAL MEDICINES TO
THE PEDIATRIC PATIENTS IN PUSKESMAS KABUPATEN GUNUNG
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ABSTRACT

Pediatrics has several problems in treatment. The selection of drug preparations and the limitations of appropriate drug formulas in pediatric patients are a problem for health services. Compounding medicine is one of the solutions needed to provide drug needs in accordance with the patient's condition. The availability of limited drug formulas causes the administration of concoction drugs to be a treatment solution for pediatric patients. The purpose of this study was to determine the prescription profile of concoction and to know the availability of drug formulas based on MIMS, ISO 2015/2016 and the suitability of active substances based on DOEN, FORNAS and WHO EML for children 2015. Type of research is descriptive research using a cross-sectional design and retrospective data collection. The results of prescribing the most concoction drugs based on age susceptibility at Puskesmas Karangmojo 1 with pediatrics are in the range of 2 years - <4 years with 41.66% and Puskesmas Semanu 1 with ages 1 month - <2 years and received 47.5 %. The average number of concoction drugs on each recipe sheet is 1 R / concoction with 95% and 99.16%. Availability of drug formulas for children based on MIMS and ISO 2015/2016 as many as 13 active substances are available in MIMS and ISO and 3 active substances which have special formula for children available in liquid dosage forms. The suitability of active drug substances contained in DOEN 2015 is 85%, in FORNAS 2015 as much as 90% and WHO EML for children 2015 as much as 65%.

Keywords: pediatrics, compounded medication's, drug formula for children