

Demand for Child Immunization of Mothers /Care Givers in Ethiopia: Commentary

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ABSTRACT

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Introduction

Universal immunization of children for vaccine-preventable diseases is important in decreasing infant and child death [1]. According to WHO guideline children are received all vaccines when they have got vaccines of BCG, 3 doses of pentavalent vaccine, polio vaccine and measles vaccine [2]. The Ethiopian Federal Ministry of Health has planned before to increase immunization coverage to 80% of population in 90% of districts [3].

Data on Vaccination Coverage in Ethiopia

From children 12-23 months age, 43% have got all vaccines, 19% have not got any vaccine [1] 73% of children got BCG, 76% got the first dose of pentavalent, 78% got the first dose of polio, 74% got the first dose of PCV, and 73% got the first dose of rotavirus vaccine. 59% of children got measles vaccination [1]. Coverage for fully vaccinated or subsequent vaccines was associated with wealth status, education status of care givers or mothers and residence [1].

The Ethiopian mini demographic and health survey of 2019 [1] showed that coverage for fully immunized as well as subsequent vaccines is low relative to the Ethiopian Federal Ministry of Health plan [3]. This indicates identifying contributing factors to increase coverage of immunization at national level in Ethiopia and for this studying determinants of demand for child immunization of mothers/caregivers at national level is important in the future because the mini demographic and health survey conducted in

2019 at national level in Ethiopia failed to include all contributing factors to increase coverage of immunization so we suggest studying determinants of demand for child immunization of mothers/ care givers at national level in Ethiopia is important to increase coverage from the existed level.

Demand for child immunization is mothers or care givers willingness and ability to vaccinate her child [4]. Determinant of demand for child immunization of mothers / care givers in the Ethiopian context may be Grover C. Wirick identified five factors that can have influence on demand for child immunization services of mothers/ care givers. These five factors are

- Need, desire for prevention
- A realization of the need.
- Financial resources
- A specific motivation to obtain the needed immunization service
- Availability of immunization service.

We recommend further research to identify determinants of demand for child immunization of mothers /care giver in context of Ethiopia at national level using models of demand for health service by Grover C. Wirick.

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