

THE NETWORK: TOWARDS UNITY
FOR HEALTH & FACULTAD DE MEDICINA,
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THE NETWORK
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Facultad de Medicina



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"PRIMARY HEALTH CARE: A PATH
TOWARDS SOCIAL JUSTICE"

SYSTEMS AND COMMUNITY BASED
RESPONSES TO COVID-19

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TUFH 2020 Abstracts

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| Title | Investment in Public Health and associated impact: Death for Acute Respiratory Infection and its Preventive Vaccination, Colombia (2014 - 2017). |
| Type | Oral Presentation <i>Measuring Progress towards the Sustainable Development Goals</i> |
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| Country | Colombia |
| Abstract N° | TUFH297 |
| Content | <p>Vaccination is one of the main components of Public Health (PH) as a specific protection activity. There are few studies in Colombia on the evaluation of the cost-effectiveness of PH actions. Objective: To establish the dependency relationship between the investment in PH (As Pentavalent Vaccination), and the impact results in terms of Mortality from Acute Respiratory Infection (ARI) (both in children under 1 year). Materials and methods: Simple linear regression analysis between two variables, based on the data reported in the Single Territorial Format (STF) and in the Information and Consultation System for Territorial Resources Distributions (SICODIS, in spanish) from the General Participation System (GPS). Results: There is an increase in the percentage of investment in SP activities, as well as a significant correlation between the expenditure executed, and coverage in vaccination with Pentavalent in children under one year (3 doses) [Pearson $r = 0.63$; $p: 0.72$]; there is no significant correlation between Investment in PH and Mortality by ARI [Pearson $r = -0.022$; $p = 0.904$]. Conclusion: Spending in PH and the invest in vaccination throughout the national territory has an incremental tendency for the last ten years. The greater the budget execution, means greater coverage in vaccination. Key words: Public Health – Preventive Medicine – Vaccination – Cost and cost analysis (MeSH).</p> |