



THE NETWORK
TOWARDS UNITY FOR HEALTH



Facultad de Medicina



THE NETWORK: TOWARDS UNITY
FOR HEALTH & FACULTAD DE MEDICINA,
UNAM, PRESENT

TUFH2020 MEXICO

VIRTUAL CONFERENCE

"PRIMARY HEALTH CARE: A PATH
TOWARDS SOCIAL JUSTICE"

SYSTEMS AND COMMUNITY BASED
RESPONSES TO COVID-19

SEPTEMBER 23-25, 2020

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Title	Out-of-pocket expenses of patients from Medellín and Montería with Dengue diagnosis
Type	Oral Presentation <i>Intersectoral Collaborations and the Social Determinants of Health</i>
Presenting Author	MARIA CLARA MONTOYA ALZATE
Co-Authors	Fernando Corena Ghisays, José Mauricio Hernández Sarmiento, Mabel Dahiana Roldan Tabares, Elsa Maria Doria Romero, Lina María Martínez-Sanchez
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Content

Our main objective was to identify the out-of-pocket expenses (Colombian peso) of patients diagnosed with dengue in Medellín and Montería. Methods: Observational, descriptive, prospective study included Dengue patients admitted between July 2016 and December 2017, who completed a survey in order to know the out-of-pocket expenses they had to bear during the diagnosis and recovery of the disease. Results: 75 patients with an average age of 30 years were admitted. 80% of the patients belong to economy level between 0 - 3. 19% of them required hospitalization. The most frequent expenses were transportation \$21,153, medicines \$71,625, and related to hospitalization \$282,000; around \$388,588 was no longer received due to an inability to work. The average out-of-pocket expense for patients in the study was \$361,477 in Medellín and \$344,936 in Montería. Discussion: Studies carried out in Vietnam, Thailand, and Cambodia, among others, estimate the out-of-pocket costs for a patient with dengue between \$179,200 and \$778,400 depending on whether or not the patient requires hospitalization. Conclusion (s): Bearing in mind that 51% of patients who become ill with dengue in Medellín and Montería receive a wage of less than two Minimum Monthly Legal Wage, out-of-pocket expenses can represent between 9% and 45% of their income; which means that dengue behaves like a catastrophic event. The main costs to be assumed by patients are when hospitalization is required and when the patient stops receiving the wage because of their inability to work.



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