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THE NETWORK
TOWARDS UNITY FOR HEALTH



Facultad de Medicina



TUFH2020 MEXICO

VIRTUAL CONFERENCE

"PRIMARY HEALTH CARE: A PATH
TOWARDS SOCIAL JUSTICE"

SYSTEMS AND COMMUNITY BASED
RESPONSES TO COVID-19

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TUFH 2020 Abstracts

Title	Clinical Characterization of suspected and confirmed COVID-19 cases in a Family Medicine Unit in Mexico
Type	Oral Presentation <i>Systems and Community Based Responses for COVID 19</i>
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Country	Mexico
Abstract N°	TUFH435
Content	<p>Background: Coronavirus is associated with acute respiratory infections. The three most frequent symptoms are fever, cough and dyspnea. The Instituto Mexicano del Seguro Social in response to the presence transmission of COVID-19 design a strategic plan for epidemiological health surveillance through an operational definition. Aim of the study to analyze the epidemiological characteristics of suspected and confirmed COVID-19 cases from a Family Medicine Unit. Methods: Epidemiological study in patients with suspected and confirmed COVID-19 cases in Morelia, Michoacán, Mexico. Were enrolled in total, 65 patients from March 18, 2020 to June 5, 2020. The diagnosis of a standardized case definition for suspected and confirmed COVID-19 was made in accordance with the COVID-19 Guidelines for Patient Care formulated by the IMSS. Risk was calculated by COVID-19 Health Complication Calculator. The data are presented whit median (IQR), OR (IC95%), statistical significance, $p < 0.05$. Results: 65 patients were enrolled, 69.2% (45) females and 30.8% (20) males; median age 35(30-44) years. Principal comorbidities: hypertension, obesity. COVID-19 Health Complication Calculator: medium risk(81.5%), high risk(13.9%) and very high risk(4.6%). 16.9% had a history of close contact with local COVID-19 patients before the illness onset, OR 7.70(1.885-31.455). The most common symptoms at onset of illness were headache, fever, dry cough and odynophagia. Anti-influenza vaccine in 2019 was associated as a protective factor (OR=0.214 95%CI 0.059-0.843, $p=0.016$). Conclusions: This study provides the clinical characteristics of patients with suspected and confirmed COVID-19. Young women with headache, fever and cough.</p>