

2<sup>nd</sup> International Conference on  
**GYNECOLOGY, OBSTETRICS AND WOMEN'S HEALTH**

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**Title Risk factors associated with poor prognosis in pregnant women diagnosed with SARS-CoV-2 and the consequences for the newborn. Prevalence study, Honduras 2022.**

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### Abstract

**Introduction:** Pneumonia caused by SARS-CoV-2 is highly contagious disease, changes in the immune and respiratory systems due to the physiological state of pregnancy predispose women to a pneumonia infectious, causing maternal morbidity and mortality. **Objective:** Describe risk factors associated with poor prognosis in pregnant women diagnosed with COVID-19 highlighting prevalence disease, maternal morbidity and mortality and consequences for the newborn, in a Maternal hospital of Honduras during 2020-2021. **Method:** Descriptive, Observational, Retrospective cross-sectional cohort study of a series of nested cases and controls, quantitative approach; of 988 cases of SARS-CoV-2 in pregnant patients from march 2020 to June 2021 we will include **a)** Records of pregnant women in whom SARS-CoV-2 infection was detected through RT-PCR, antibody and antigen detection test; **b)** Records of asymptomatic or symptomatic pregnant women who presented viral test detection of SARS-CoV-2; **c)** Records of adolescents and older pregnant women; **d)** Records of women with or without comorbidities. Our exclusion criteria **a)** Records of pregnant women diagnosed with congestive heart failure confirmed; **b)** Records of pregnant women with pulmonary tuberculosis sequelae confirmed; **c)** Records of pregnant women with chronic obstructive pulmonary disease confirmed. The data will be collected by the researchers of the study using a collecting data instrument, patients' data will be stored on password-protected equipment and will be kept for as long as it's useful to scientists. This study review CEI# EXP-2021-005 by the Institutional Ethics Committee of the Catholic University of Honduras, "Nuestra Señora Reina de La Paz, campus San Pedro y San Pablo". **Expected results:** Characterize a maternal, obstetric, epidemiological and clinical profile on SARS-CoV-2 during pregnancy in Honduras, establishing which obstetric complications are most prevalent due to SARS-CoV-2 infection; know the maternal lethality to SARS-CoV-2 and the consequences for newborns.

### Biography

Eduardo Jose Borjas has completed his undergraduate study at age of 28 years, from "Universidad Catolica de Honduras". Medical research doctor, department of gynecology and obstetrics, cervical pathology service; "Liga Contra el Cancer, Honduras". He presents a diploma in hospital administration from UNITEC and another in total quality management from "Universidad Catolica de Honduras". He is a founding and active member, also an methodological advisor of ASOCEM UNICAH-SPSP, presented an Honorable Mention in the category of research work; FELSOCM, as well has more than six publications that have been cited over 150 times. Finally volunteer of the health and cancer prevention and education program (PESCA, Spanish of Programa de Prevención y Educación en Salud y Cáncer).

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**Recent publication: (Minimum 4)**

1. Borjas Gutiérrez, E. J., Ledezma, N., Sevilla, G., Alas-Pineda, C., & Bejarano, S. (2021). Patología hipertensiva durante el embarazo y el producto de la concepción. *Ciencia, Tecnología Y Salud*, 8(2), 134–146. <https://doi.org/10.36829/63CTS.v8i2.888>
2. José-Borjas, Eduardo, Bejarano, Suyapa, Martinez-Miranda, Paola A., Toledo, Juan, Campos, Gabriela, Fajardo, Lídice Vanesa, Lara, Erick, Mendoza, Carla, & Alas-Pineda, César. (2021). Presencia de infección de sitio quirúrgico en procedimientos gineco-obstétricos en un hospital de II nivel de atención, Honduras 2017-2018. *Revista chilena de obstetricia y ginecología*, 86(1), 42-51. <https://dx.doi.org/10.4067/S0717-75262021000100042>
3. Cáceres SB, Alas C, Awad K, Peiger B, Borjas E (2020) Kaposi's Sarcoma in HIV Positive Patient:Case Report. *Dermatol Case Rep* 5:164. doi: 10.35248/2684-124X.20.5.164
4. Borjas, E. J., Chinchilla, C. E., & Bejarano, S. A. (2018). Kaposi's Sarcoma Not Related To HIV: Case Report. *Journal of Medical Biomedical and Applied Sciences*, 6(8), 115-117. <https://doi.org/10.15520/jmbas.v6i8.139>

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