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| **ISA ISPID  Abstract Submission  Nº: 267**   |  | | --- | | Topics: **Stillbirth** | | Type: **Oral** | | **Mortality due to congenital malformations in Bogotá Surveillance and Tracking Program for Congenital Anomalies in Bogotá. 2002 2015** | | **Sarmiento, Karen**1; **Gracia, Gloria**2; **Zarante, Ignacio**1 *1 - Instituto de genética humana. 2 - secretaria distrital de salud bogota.* | | **Introduction** Each year in Colombia, 270.000 newborns die during their first 28 days due to congenital anomalies (CA). According to DANE, since 1.994, CA are the second cause of mortality in infants under 1 year old in Colombia. In Bogotá, the Surveillance and Tracking Program for Congenital Anomalies (PVSACB) has allowed surveillance of this phenomenon since 2.002, and has had support from the District Secretary of Health (SDS) since 2.006. Objectives: Our objective is to report the results from this study. The study is based on the prevalence and frequency of congenital malformations and mortality incidence  **Methods**: Using the database from PVSACB, were analyzed all living newborns, stillbirths and aborted fetuses with more than 500 grams of weight, associated with any type of congenital malformations, in the period between 2.002 – 2.015.  **Results**: A total of 409.982 births were surveyed; from which 2,08% presented some type of congenital anomaly, and 0,47% (1912) were stillbirths. Gender discrimination for stillbirths was: 0,45% males and 0,39% females (OR: 1,15 IC 1,04 – 1,26). From patients with malformations 3,2% were stillbirths and only 0,4% were alive (OR: 8,19 IC: 7,24 – 9,27). Most common malformations among stillbirths were multiple congenital malformations 1,05 x 10.000, other malformations 0,54 x 10.000, Down 0,54 x 10.000 and congenital heart disease 0,49 x 10.000.  **Conclusions**: Mortality rate due to congenital anomalies in Bogotá, indicate it is necessary to establish and execute prevention programs for expectant mothers, aiming to diminish risk factors. Bearing in mind CA’s are one of the main causes of mortality. | |  |  |  |  | | --- | --- | | **CONTACT** | | | Name: | **Karen** | | Lastname: | **Sarmiento** | | E-mail: | **kssarmiento@gmail.com** | | Country: | **Colombia** | | Institution | **Instituto de genética humana** | | Cellphone: | **+57 3124189746** | | City: | **Bogota** | |