

National forum of Leptospirosis of Nicaragua



Experience in controlling outbreaks of Leptospirosis in Chinandega

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Dr. Chavez also started his presentation with a description of the geography and health care network of the region, he briefly explained the history of outbreaks in the department, and reported that the pathological behavior of the disease is similar to the department of León, reporting cases in the same epidemiological weeks, between week 36 and 44. He made a brief chronological outline of the outbreaks in the SILAIS, stating that the first outbreak occurred in the community of El Ojoche in 2007 and explaining that this area presented all environmental conditions and all driving factors for the disease to occur. He continued to explain outbreaks according to epidemiological variables and described one the determining factors for the occurrence of outbreaks: climate events. He briefly explained the sampling study in animals in order to identify serovars circulating in the area, which were presented previously. He continued his presentation by describing risk factors to the onset of the disease, such as disorganized urbanization, socio-cultural factors, among others, which does not present a characteristic clinical manifestation. In conclusion he presented what are the intervention activities, which consists of: community organization, institutional and intersectoral organization, communication of preventive measures, training of community agents, community epidemiological surveillance, bacteriological sampling of drinking water, among others.