and in the world. The HIV epidemic is concentrated in major urban centres, with high prevalence among the vulnerable population, such as those living on the streets. Studies show that in the last two years, the number of people living with HIV and being on antiretroviral therapy increased about one third, reaching 17.0 million people, 2 million more than the 15 million in 2015. The main goal was to estimate the prevalence of HIV in homeless people.

**Methods** A cross-sectional study, developed at the Specialised Reference Centre for Homeless People (POP Centre), in the city of Teresina-PI, where participants were recruited using the Snowball technique. The data were collected through a form and a fast HIV test, from August to December/2016. This study comply with the ethical requirements, and had a report of the Research Ethics Committee of the Federal University of Piauí with number 1,755,893.

**Results** HIV prevalence (n=112) was 7.1%. The age ranged from 19 to over 45 years old, and the prevalence was highest at the age of 25 to 35 years old (2.6%). Of the total number of infected individuals, the participants were single (5.3%), brown (4.5%), had at least one child (2.6%), had their first sexual intercourse between 13 and 19 years old (3.5%), have casual partnership (2.6%) and have no monogamous partnership (3.5%). Regarding to the use of condom with the aforementioned partnership, it was reported as sometimes (0.8%) and (5.3%) reported use of illicit drugs.

**Conclusion** The prevalence of HIV is high in people living on the street with higher incidence in singles, with early sexual activity, not having a monogamous partnership and use of illicit drugs. It is essential to trace cases in this type of population and control the follow-up of detected cases. In addition, guidance on preventive measures.

**LB3.256** **SURVEY OF HEPATITIS B VACCINE ISSUE IN HOMELESS PEOPLE IN THE CENTRAL AREA OF A NORTHEAST CAPITAL OF BRAZIL**

Rosalane de Lima Brito Magalhães; Vanessa Moura Carvalho de Oliveira; Rômulo Veloso Nunes; Polyanna Maria Oliveira Martins; Marcos André Siqueira de Sousa; Braulio Vieira de Sousa Borges. Universidade Federal Do Piauí, Teresina – PI, Brazil

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**Introduction** The prevalence of hepatitis B is higher in populations at risk, such as people living on the street. This population is more vulnerable to several diseases, such as hepatitis B, which can be prevented by adhering to the three-dose schedule of hepatitis B vaccine. The main goal was to investigate the vaccination situation against hepatitis B in this kind of population.

**Methods** Cross-sectional study with quantitative approach. The research was developed at the Specialised Reference Centre for Homeless People (POP Centre). Participants were recruited through the Snowball Technique. The data were collected through the application of a form, from September to December 2016. This study was submitted and approved by the Research Ethics Committee of the Federal University of Piauí with the number of report 1,755,893.

**Results** Of the 58 participants, the majority, 49 (84.5%) were males. The age ranged from 21 to over 50 years old. Regarding sexual behaviour, 7 (12.1%) participants reported feeling same-sex attraction. Only 3 (5.2%) reported having a monogamous partner, and among these, 2 (3.4%) reported not using condoms with the aforementioned partner. Only 11 (19.0%) participants had a vaccine card. Of the total, 35 (60.3%) did not know how to report their vaccination status. Of the doses of hepatitis B vaccine given previously, 3 (5.2%) reported having taken two doses of vaccine. The remained, 15 (35.9%), had not taken any dose of the vaccine. Only 3 (5.2%) reported having completed the vaccination schedule.

**Conclusion** Considering the low adherence to the three doses of vaccine against Hepatitis B, it is important to invest in the continuous supply of immunobiological and to expand orientation strategies regarding the importance of the complete vaccination scheme for this population.