conducted based on the perspective of healthcare payers; therefore, only medical direct costs were accounted. The cost of drugs was retrieved from the price-list of relevant medical services and drugs, registered by Ministry of Health in Vietnam 2012. **RESULTS:** The average direct cost of CRC for one patient accounted for nearly 766.83 million VND per year. Cost for one patient increased with the increasing of disease severity and accounted for 1 875 million VND, 380 million VND, and 217 million VND in stage I, II, III, IV, respectively. In the structure of cost, the increase in severity of disease, the percentage of cost drug increased and the percentage of medical services decreased. **CONCLUSIONS:** The cost of CRC treatment increased following the increase of disease severity. The huge economic impact of CRC should be controlled and considered to conduct the proper healthcare policies.

**PHS43 ECONOMIC BURDEN OF COLORRECTAL CANCER IN VIETNAM: FROM HEALTHCARE PAYERS’ PERSPECTIVE**  Pham T., Hoang R, Nguyen T.T.  University of Medicine and Pharmacy in HCMC, Ho Chi Minh City, Vietnam  **OBJECTIVES:** Colorectal cancer (CRC) is considered as the third common cancer among men and the second common cancer among women worldwide. Colorectal cancer is the fifth common cause of cancer -related incidence. In many countries, economic burden of colorectal cancer has been investigated logically. However, they have not had any research about this in Vietnam. This research was conducted to provide more detail information to help the decision-makers find out the most appropriated policies to control the disease. **METHODS:** The economic burden of CRC in Vietnam was evaluated by the following formula: \[C = \sum P_{i} \times O_{i} + C_{i}\]  \[C\]: economic burden of CRC of the whole society, \(P_{i}\): number of patients in stage \(i\) of CRC, \(O_{i}\): total costs in group of stage \(i\) patients in 2014 USD, \(C_{i}\): cost of CRC in stage \(i\). **RESULTS:** The 5-year prevalence of CRC is 27.3 per 100,000. The economic burden of CRC of the whole society was estimated about 14,402 billion VND. The values fluctuated sharply from stage I to stage IV; accounted for 6.9 billion VND, 5,731.2 billion VND, 3,564.5 billion VND and 4,965.7 billion VND, respectively. As lots of patients were diagnosed at stage II (about 38%), the economic burden of this stage was predominant (40%) compared to the others. Furthermore, in all stages except stage I, the economic burden related to medical care was much more higher than that of medical services. **CONCLUSIONS:** The highest economic burden of CRC should be considered to conduct relevant healthcare policies, especially for patients in advanced stages. **KEY WORD:** economic burden, colorectal cancer.

**PHS44 MEDICAL CARE COSTS OF CHIKUNGUNYA VIRUS INFECTION IN A Pediatric POPULATION IN COLOMBIA**  Castañeda-Oriol C1, Díaz-Jiménez D1, Rodríguez-Castillo L1, Paternina-Caicedo A2, Pinzón-Redondo H1, Alves-Guzmán N1, De La Hoz-Restrepo F1, 1Instituto Nacional de Salud, Bogota D.C., Colombia, 2Universidad de Cartagena, Centro de Investigación y Docencia. Hospital Infantil Nacional Francisco Perea, Cartagena de Indias, Colombia. **OBJECTIVES:** In 2013 December, PIH confirmed the local circulation of chikungunya virus (CHIKV) in the region. In 2014 September Colombia reported the first local CHKV case in the Bolivar, and started an outbreak within a susceptible population. The objective of this analysis is to estimate the medical care cost of children patients with CHKV attended at the Hospital Infantil Francisco Perea, in Bolivar, at the start of the CHKV local transmission in Colombia. **METHODS:** A retrospective bottom-up cost analysis was designed. We selected randomized sample of children with CHKV attending the PIH Clinica de Salud Bolivar, starting from September - November 2014 at the Hospital “Napoleon Francisco Perea” in Cartagena city, Colombia. A costing data collection instrument was designed to collect the information about the frequency of use activities and supplies by patient. **RESULTS:** Total direct cost of medical care for children patients with CHKV was estimated to $4,327,409 (2014). Costs were expressed in 2014 USD with an Exchange rate of 2396.4 COP per American dollar. **RESULTS:** A sample of...