

32<sup>nd</sup> International Conference on  
**VACCINES AND IMMUNIZATION &**  
4<sup>th</sup> Annual Summit on  
**INFANCY, CHILD NUTRITION & DEVELOPMENT**

November 09-10, 2018 | Atlanta, USA

---

## **A coverage survey of measles containing vaccination among healthcare workers in Beijing**

**Zhujiayi Zhang**

Beijing Center for Disease Control and Prevention, China

**Background:** In order to control the epidemic of measles and the spread of the virus in the hospitals, the health administration department of China suggested that employees of the medical institutions should be vaccinated measles containing vaccine (MCV). So we investigate the coverage rate of measles containing vaccine (MCV) among healthcare workers(HCWs) in Beijing, 2016.

**Methods:** Typical sampling was used to choose HCWs from 15 hospitals in Beijing for collecting their demographic information, measles disease history, and MCV immunization.

**Results:** 591 HCWs, 84(14.2%) ever had measles, and 507(85.8%) never had measles or their disease history was unknown, in which 48.5%(246/507)were vaccinated with MCV before employed. Among 261 HCWs who did not receive MCV or whose immunization were unknown before employed, the MCV coverage rate was 18.4% (48/261) after employed. In those who still did not receive MCV after employed, 67.1% (143/213) did not know the immunization activities in hospitals.

**Conclusions:** MCV coverage is still very low among HCWs in Beijing, and the implementation effect of immunization for HCWs is not good. We suggest developing a specific guideline for measles prevention and control in hospitals.

jjazi8515@163.com