1336. Patients’ Family Empowering to Increase Hand Hygiene (HH) Compliance in Health-Care Workers (HCW) from a Hematology-Oncology Ward in Mexico City
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Session: 151. HAI: Hand Hygiene Friday, October 6, 2017: 12:30 PM

Background. HH is a key component to decrease infections in hospitals, but compliance in HCW remains low. We present a six-month strategy to empower patients’ caregivers on HCW HH compliance.

Methods. HH compliance in HCW’s was evaluated between June 1 and August 31, 2017 as recommended by WHO. Between September 1, 2016 and March 31, 2017 we undertook the empowerment in the hematology-oncology ward (50 beds) from Instituto Nacional de Cancerología, a cancer referral, teaching hospital in Mexico. To empower patients and their caregivers, a member of the team visited the patient and their relatives during the first 24h of hospital admission. A six-months empowerment intervention on HH and the importance of HH compliance was given, along with a printed cartoon on HH opportunities (5 moments from WHO). Patients and their caregivers were trained to observe and record HH opportunities, an were invited to remind HCWs if HH emissions were observed. Data on HH compliance was collected monthly during the empowerment and 1 month after. Data was compared with the HH compliance from the 6 previous. We compared overall compliance and for each 5 HH moments before and after the empowering (chi² test).

Results. We empowered 82 caregivers (M: 25.6%) and F: 74.4%), mean age 44 years. 24.4% had completed primary education, and 13.1% had higher education. Mothers and spouses were the primary caregivers (28.1% and 36.6%). HH compliance increased in all 5 moments: Before touching a patient (M1) (B: 9.5%, A: 57.6%), Before body fluid exposure (M2) (B: 7.3%, A: 31.5%), M3 (B: 7.3%, A: 31.5%), and M4, (B: 36.5%, A: 68.7%). Perception on the importance of HH compliance and for each 5 HH moments before and after the empowering (chi² test).

Conclusion. Empowering patients’ primary caregivers was an effective intervention to increase HH compliance in HCW HH compliance at a hematology-oncology ward. The effect of this intervention remains to be evaluated on the long-term basis, but demonstrate the importance of involving patients and their relatives on health-care delivery.

Disclosures. All authors: No reported disclosures.

1337. Performance of Zostavax Vaccine Live (Zostavax): A Systematic Review of 12 years of Experimental and Observational Evidence
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Background. One in three people in the U.S. will develop herpes zoster during their life. Zoster Vaccine Live (ZVL or Zostavax™), has been licensed in the U.S. since 2006 to prevent herpes zoster. ZVL protection has been shown to wane with time and estimates of effect can be improved. We performed a systematic review of the duration of efficacy and effectiveness of ZVL against herpes zoster (HZ).

Methods. We systematically searched PubMed, Embase, Cochrane, and clinicaltrials.gov for vaccine efficacy or effectiveness (VE) studies of ZVL. Two authors independently screened each title and abstract, and potential VE studies were reviewed in-depth. Eligibility criteria included original data on ZVL efficacy against HZ in a general population of