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Challenges in real-life implementation of public vaccination programs in developing countries and strategies to increase immunization coverage

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The implementation of vaccines in public immunization programs is a challenge for public health, especially in developing countries, whose health systems lack the structure and organization. In those countries, the challenge is not only to supply health assistance, but to strengthen primary care. Immunization is the most important strategy to improve health indicators. Brazilian Immunization program is one of the most important immunization strategies all over the world, although there's a municipality in Brazil who had implemented an even more complete calendar of immunization. Vaccines like the hepatitis A vaccine, varicella vaccine, Pneumococcal conjugated 7 and 13-valent vaccines and HPV vaccines were implemented since 2009, resulting in important outcomes. There are several challenges in these implementations, such as HPV vaccination in teens and difficulties in acceptance, as well as the decision to implement the vaccine for hepatitis. In conclusion, much is to be learned in the implementation of vaccines in developing countries, and these shared experiences lead to better public health indicators.

Biography

Charbell Miguel Haddad Kury, a Medical Doctor and Professor of Medicine, graduated from the Medical School of the Municipality of Campos dos Goytacazes, State of Rio de Janeiro, Brazil in 2003. He is expert in Public Health, from the Medicine School of Campos dos Goytacazes, in 2004. He is Pediatrician infectious disease specialist from the Jesus Hospital, Rio de Janeiro in 2007. He is also a Professor of Pediatrics of the Medicine Schools of Campos dos Goytacazes and the Federal University of Rio de Janeiro, Brazil. He has a Master degree in applied microbiology and parasitology from the Fluminense Federal University, in 2013. He is a Pediatrician and Neonatologist of the St. John the Baptist hospital, municipality of Macaé, State of Rio de Janeiro, Brazil, since 2005 and Coordinator of Immunization and Health surveillance of the municipality of Campos dos Goytacazes, State of Rio de Janeiro, Brazil, since 2009. He did research on immunization programs, once the municipality of Campos dos Goytacazes implemented the largest immunization program in early 2009.

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