

Title: Predicting Risk for Early Breastfeeding Cessation in Israel

Name: Zarina Paltiel Gabay
University of Haifa, Israel

This study aimed to examine factors associated with cessation of exclusive breastfeeding in Israel and develop predictive models to identify women at risk for early exclusive breastfeeding cessation. Methods: The study used data from longitudinal national representative infant nutrition survey in Israel (n = 2119 participants). Logistic regression was used to identify risk factors and build predictive models. The rate of exclusive breastfeeding cessation increased from 45.4% at 2 months to 85.7% at 6 months. Five factors were significantly associated with higher odds of exclusive breastfeeding cessation at 2 months: being a primapara, low educational level, lack of previous breastfeeding experience, negative attitude towards birth, and lack of intention to breastfeed. Six factors were significantly associated with higher odds of exclusive breastfeeding cessation at 6 months: younger age, being in a relationship with a partner, lower religiosity level, cesarean delivery, not taking folic acid during pregnancy, and negative attitude towards birth. Both 2 and 6-months models had good predictive performance (C-statistic of .72 and .68, accordingly). This nationwide study successfully identified several predictors of exclusive breastfeeding cessation and created breastfeeding cessation prediction tools for two time periods (2 and 6 months). The resulting tools can be applied to identify women at risk for stopping exclusive breastfeeding in hospitals or at community clinics. Further studies should examine practical aspects of applying these tools in practice and explore whether applying those tools can lead to higher exclusive breastfeeding rates.

Biography

Zarina has devoted her professional carrier to study and improve womens health. She completed her MSN from the University of Haifa with excellancy, is a certified IBCLC and is currently in the process of becoming an RNC-OB. Today, she works as an RN in Labor & Delivery at BIDMC hospital in Boston, USA, and at the University of Massachussetes as a clinical associate lecturer. She publiseh her first paper in a reputed journal in December 2021, and has been serving as a reviewer of verious articles.
Zarina lives outside of Boston, with her husband and their 3 children.

Presenting author details

Full name: Zarina Paltiel Gabay
Contact number: +1-857-218-2170
Session name/ number: Women’s Health
Category: Oral presentation