

TITLE FOR E-POSTER: "MERCURY TOXICITY IN ORAL CARE"

Dr. Meera Choudhary
Maulana Azad Institute of Dental Sciences, New Delhi, India, 110002.

Amalgam which contains mercury as one of the component is being used in dentistry as a restorative material for the last 150 years. Recently the concern has been raised in view of mercury toxicity. Mercury is found in the earth's crust and is ubiquitous in the environment, so even without amalgam restorations everyone is exposed to small amount of mercury in blood and urine. Mercury is known to cause psychological, neurological and immunological health problems. Dental amalgam restorations may raise these levels slightly. The main exposure to mercury from dental amalgam occurs during placement or removal of restoration in the tooth. Though in current era amalgam has been replaced by other safer restorative material but still so many dentists readily use this hazardous material with the assurances that it's perfectly safe and harmless. This poster will highlight the effects of mercury on environment and health and safe handling of mercury to reduce its toxicity. Also the other alternative materials which can be used in its place.

Biography

I have completed Bachelor of Dental Science from Patna University. I have also pursued a course in Health Care and Waste Management from IGNOU University, New Delhi, India. I have been looking after Bio-Medical Waste Management as a Medical Officer Incharge in Maulana Azad Institute of Dental Sciences, New Delhi, India since 20 years. I have attended various Conferences and presented papers related to Bio-Medical Waste Management.

Presenting Author Details

Dr. Meera Choudhary
Contact Number: +91-9654700976
Session Name: Infection Control and Mercury Safety
Category: E-Poster