



How Europe Influences the World as It Phases Out Amalgam Use



CHARLIE BROWN
WORLD ALLIANCE FOR MERCURY-FREE DENTISTRY
OCTOBER 2018



Europe leads at the Minamata Convention talks



Europe shares experience with UN Environment



Promoting Dental Amalgam Phase-Down Measures Under the Minamata Convention and Other Initiatives, For “Especially Women, Children and, Through Them, Future Generations”



14-15 May 2018

Workshop report

CRI Convention Center
Bangkok, Thailand



Lessons from Countries
Phasing Down Dental Amalgam Use



March 2016



Europe serves as a model for other governments




Pakistan



Bangladesh

**DENTAL FILLINGS:
THE CHOICES YOU HAVE**



CONSUMER PROTECTION COUNCIL
(Established under Decree No. 66 of 1992)
Plot 1105 Dar es-Salaam Street
Off Aminu Kano Crescent Wuse II, P.M.B 5077, Wuse, Abuja

Nigeria

Europe develops the science



- **Benefits of minimally-invasive dentistry:** “It is with respect to their aesthetics and non-adhesive character, which means that larger cavities have to be prepared, often with excessive tooth tissue removal, that amalgams may be seen to be inferior to the alternatives...” (SCENIHR)
- **Environmental risks of amalgam:** “...a risk of secondary poisoning due to methylation cannot be excluded.” (SCHER)

Europe shifts manufacturers to mercury-free fillings



European Dental Materials Conference, Birmingham 2013

Presenter
Information

Programme

Theme of the Conference

With the increasing likelihood and potential impact of a significant reduction or complete ban on the use of amalgam in the near future, there is a need for the development of enhanced materials and technologies.

The 2 day European Dental Materials Conference will include sessions on changing policies of amalgam use in Europe/UK, amalgam teaching in dental schools, "smart" materials for replacement of amalgam (rather than incremental development of drill and fill materials). Also, advances in light technology and light curable materials, biophotonics and light therapy, biophysics and use of light for diagnostics and novel material characterisation techniques.



Thursday August 29th



DAY 1: The demise of amalgam use and Development of Enhanced Materials to Advance Novel Dentistry

Click on the title of each talk to view the abstract. (Downloads on the links page)

08:00 Registration Opens

08:45 09:00 Welcome to EDMC / Session Introduction

Europe demonstrates success to dental associations



Dentists decide to give up using mercury in dental treatment

Staff Correspondent

DENTISTS on Saturday announced to phase out mercury amalgam in dental treatment of pregnant women, mothers and children by June.

The Bangladesh Dental Society made the declaration at a press conference at Dhaka R...

ka R...

'A...

three...

ment...

to us...

said...

Hum...

readi...

On...

sional...

dentis...

not to...

treatm...

Though banned in many countries, mercury still is used in dental treatment especially as dental amalgam to fill tooth decay.

Amalgam fillings are a mixture of metals, consisting of liquid mercury and a powdered alloy composed of silver, tin, and copper.

own neu- use harm ally chil- en, lac- fetuses, the peo- were far- use of the use of treatment has to be outlawed right now,' he said.

Kashem said there are alternatives to mercury amalgam in dental treatment.

'Glass ionomer cement fill-

animals, plants, and the entire ecosystem.

Bangladesh is a signatory country of tion on m tional treat human h environment emissions cury and

BDS Kashem countries lowed m the peo- were far-

'For p the use of treatment has to be outlawed right now,' he said.

Kashem said there are alternatives to mercury amalgam in dental treatment.

'Glass ionomer cement fill-

ing and light cure composite filling are among the best options against mercury amal-

ment 000 to amal- ly, the e this aware

Social isation, ganisa- mercury S move.

press chairman

Syed Marghub Murshed said the government should pay much attention to introduce regulations to stop mercury amalgam in dental treatment.



Europe emboldens NGOs



Ban mercury dental fillings in children like the European Union did!



47,957 have signed. Let's get to 50,000!



Consumers for Dental Choice started this petition to Food and Drug Administration and 2 others

<https://chn.ge/2Ker92p>



Europe educates consumers, parents, and dentists



Dentists will stop using metal fillings that have been used in teeth for 150 years

Although the fillings are perfectly safe, they carry a heavy environmental burden.

Jun 29th 2018, 6:16 AM 38,756 Views 29 Comments Share 128 Tweet Email 9

THE USE OF dental amalgam fillings are to be phased out in Europe – and it's for environmental reasons.

The use of the silver-coloured fillings, that contain several metals including mercury, is to be phased out gradually starting from this Sunday 1 July.

From then, dentists will no longer use amalgam fillings on the teeth of **children under 15 years of age**, or on **pregnant or breastfeeding women** (except for in limited circumstances).

The President of the Irish Dental Association Dr Kieran O'Connor said the new EU regulations are being brought in with the aim of reducing the amount of mercury in the environment.

He said that Ireland had signed the Minamata Convention on Mercury, which "brought about a global agreement to reduce environmental contamination caused by mercury".



Image: Shutterstock

Silver fillings to be phased out by Irish dentists

Dentists will no longer use them on children or pregnant or breastfeeding women

NEWS



File photo



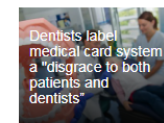
12:08 28 Jun 2018
Jack Quann
12:08 Thursday 28 June 2018

The use of silver coloured fillings is to be phased down by Irish dentists from July 1st.

The dental amalgam fillings, as they are called, contain several metals including mercury.

Dentists will no longer use them on the teeth of children under 15 or pregnant or breastfeeding women - unless deemed strictly necessary on medical grounds.

4 Related articles



Dentists label medical card system a "disgrace to both patients and dentists"

The President of the Irish Dental Association (IDA), Dr Kieran O'Connor, said the new regulations are being brought in with the aim of reducing the amount of mercury in the environment.

"Five years ago, Ireland was a signatory to the Minamata Convention and the new EU regulations governing dental amalgam stems from the phased implementation of that United Nations agreement.



Mental health service reports big increase in suicides

"The convention brought about a global agreement to reduce environmental contamination caused by mercury.

"It includes a ban on new mercury mines, the phase-out of existing ones

Europe exports amalgam still....



Europe Moving Forward



- From 1 July 2018, dental amalgam shall not be used for dental treatment of deciduous teeth, of children under 15 years and of pregnant or breastfeeding women, except when deemed strictly necessary by the dental practitioner based on the specific medical needs of the patient.
- By 1 July 2019, each Member State shall set out a national plan concerning the measures it intends to implement to phase down the use of dental amalgam.
- By 30 June 2020, the Commission shall report to the European Parliament and to the Council on the outcome of its assessment regarding the feasibility of a phase out of the use of dental amalgam in the long term, and preferably by 2030



Thank you!



CHARLIE BROWN
CHARLIE@MERCURY-FREE.ORG
WWW.MERCURYFREEDENTISTRY.NET

