



COUNCIL OF EUROPEAN DENTISTS

Dental Sector as a Source of Mercury Contamination

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- Patient risk increased without amalgam



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Country	Year	DMFT
Danmark	2003 →	0,9
Germany	2005 →	0,7
Estland	1998	2,7
Finnland	2000 →	1,2
France	1998	1,9
Greece	2000	2,2
UK (England und Wales)	2000 – 2001 →	0,9
Italy ²⁾	2003	1,2
Croatia	1999	3,5
Latvia	2002	3,5
Lithuania	2001	3,6
Netherlands (Den Haag)	2002 →	0,8
Poland	2000	3,8
Sweden	2002 →	1,1
Hungary	1996	3,8
²⁾ 11-year old		

Low caries rate

12 year old



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High caries rate

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Dental Sector as a Source of Mercury Contamination

- Patient risk increased without amalgam
 - Different caries prevalence inside the EU
 - Problem of adaptation of regulations from one member state to the other
 - Resin fillings in big cavities still a problem



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 - Different caries prevalences in the EU
 - Toxicology amalgam: Cons and pros



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 - Clarkson and Magos, 2006: “Other than rare cases of allergy, other adverse health effects have not yet been definitively established ”
 - DeRouen et al., Berringer et al., 2006, 2007: also for children

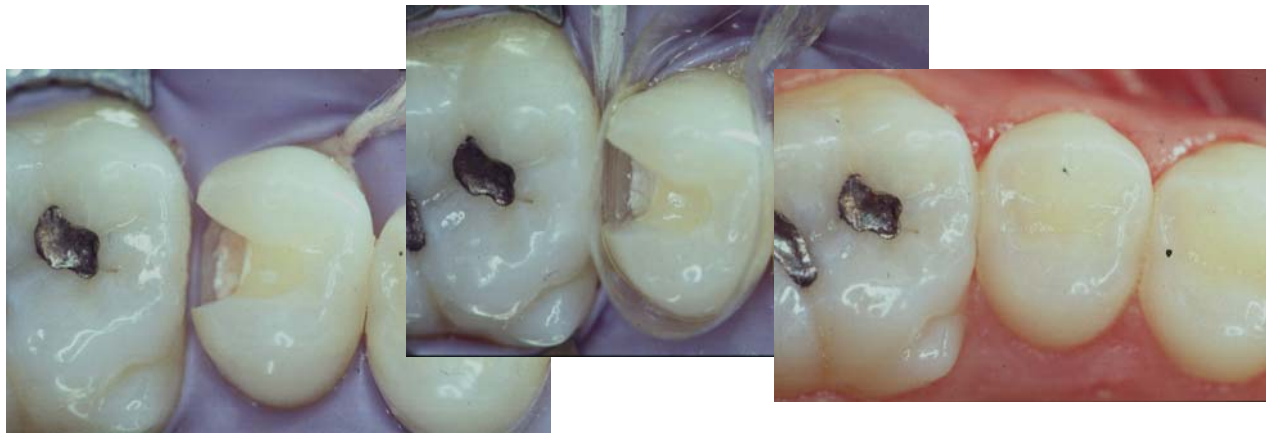


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 - Alternative material: resin
 - Radical Oxygen species induction
 - Newly emerging risk exposures (printing, beauticians)
 - Patients

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- Stability of health care system at risk



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- Environmental risk can be handled



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 - Waste management (John Tzoutzas' WG Infection Control and Waste Management)



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- Environmental risk can be handled
 - **Waste management** (John Tzoutzas' WG Infection Control and Waste Management)
 - **Amalgam separator in all clinics/practices** (Kogler report Eur Commission: only 8 Member States have a complete installation of amalgam separators)



1. Diversity of materials
2. European Dentists care for the environment
3. Effective prevention programs to prevent cavities
in all EU member states



COUNCIL OF EUROPEAN DENTISTS (formerly EU Dental Liaison Committee)

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