

## **HUMAN HEALTH.**

Mercury has always been known to be hazardous to human health.

From early mining of cinnabar, gold and other ores, miners' lives were limited to six months and Bartholomew Anglicus in 1260 wrote that " it bredeth the palsey, shakyng, quaking, softening of the sinews and is bad for the mouth."

Leonardo da Vinci demonstrated its palsy effect from using it on a pet lizard which shook unceasingly.

More recently, "The Toxicity of Industrial Metals" textbook lists many brain illnesses caused by mercury which include depression, drowsiness, insomnia, headaches, fatigue, memory loss, personality disorders and many more.

In a 1970's Soviet study group of 650 patients with mercury fillings, results showed abnormal blood pressures, abnormal ECG patterns, altered hormonal and neuronal heart regulators, damaged heart muscle tissue in valves, arteries and capillaries, rapid pulse, fatigue, anaemia and lowered red blood cell counts.

Neurological disorders in many Studies and research papers show mercury as the main causal factor in Parkinson's, Multiple Sclerosis, Autism, Asthma and Alzheimer's Disease. Dr Boyd Haley's work on Alzheimer's is confirmed at autopsy showing mercury alone interfering with enzymes which control and inhibit brain neurofibrillar tangles and amyloid plaques. Other metals present at autopsy do not make such brain tissue changes or cause such damage.

Mercury is used in contraceptives to disable sperm action. When even four amalgam fillings were removed in a 24 yr old man, his sperm activity rose from 52% disabled to only 2% disabled. Sperm motability is reduced in the presence of mercury. Sperm merely 'head-bang'.

Mercury from amalgams shows a daily stored whole-body nanogram level of 29000 if 12 or more amalgams are present. With 5 fillings, stored mercury falls to around 8000 nanograms. Daily intake of mercury from amalgams varies between 3.8 to 21 micrograms.

Mercury vapour and particulate cross blood capillary walls both in lungs, brain,

intestines travelling to every muscle, organ, enzyme system.

Irritable Bowel Syndrome, stomach cramps, diarrhoea, constipation are amongst many individualised symptoms.

Mercury attracts calcium and magnesium from bone structures including spine, gums, joints, hips, shoulders. Loss of magnesium depletes 78% of the whole-body enzyme system function leading to hormone loss, kidney and liver malfunction and sexual hormone malfunction.

An infant is immediately at risk of ill health from conception when parental mercury from sperm and egg is present. Placental mercury transference starts from egg division and continues for nine months as mercury from the pregnant mother transfuses and is taken up by the foetus. At birth, colostrum and milk carry mother's mercury within the prime nutrition thus making breastmilk harmful and powdered milk safer. At six weeks the infant is assaulted with vaccines, many of which do still contain Thimerosal / Thiomersal as the preservative. With soft fish and then Tuna sandwiches the child intakes mercury for itself. Childhood teeth fillings conclude the attack and ingestion of mercury.

Children's kidneys are unable to cope with an overwhelming mercury input and many childhood illnesses result- autism, allergies, asthma, ADD, anger, personality changes, bladder control, weight gain, and much more.

By the end stages of life, mercury has wreaked havoc; living longer is no longer something we long for, quite the reverse.

### **THE GRAVE**

At death, teeth fillings and presence of mercury in the body influence the environment, the land, the water. Cremation processes simply evaporate the mercury in teeth fillings into the air around the crematorium which is breathed in and, when cooled, drops into the city, the farm, the rivers, lakes and sea all again in turn to be up-taken back into the human food chain.

In the grave, breakdown of coffin, bone, soft tissues, all containing stored mercury will eventually return the elemental mercury to earth.

(see attachment and acknowledgements.)

### **PERSONAL ACCOUNT**

For me, nine years in bed with more bewildering illnesses starting when gold was added to my mouthful of mercury showed me the devastation and dangers from mercury amalgam teeth fillings. Upon safe removal I was well inside three months when no medications had previously helped though many had been tried.

I was three months off killing myself. I have all my family now on file showing many symptoms, three generations including two autopsies. Its frightening what modern dentistry has done for cheapness and ease of placement.

### **CURRENT DENTAL TRAINING in UK.**

In Great Britain, such has been the public demand for white fillings following many years of publicity by my organisation that Guys Dental training School in London has had to listen to trainees entering school asking to be taught placement of white fillings above mercury fillings.

White filling placement has now overturned the position of mercury filling placement training in UK to favour prime training in composites.

White fillings are the way forward and amalgam must be abandoned.

Mercury should not be placed in the human body- and isn't- except when big money is involved!

### **British Government Position on mercury from cremation**

**“Mercury emission from the dead through crematoria has to be halved by the end of 2012”. In 2002 there were 437,124 cremations emitting 1.31 tonnes of mercury into air, 3 grams per body.**

Mercury is toxic, accumulates in air and water, can harm the brain, kidneys, nervous system and unborn children.

Up to 16% of all mercury emitted in UK comes from crematoria because of fillings in teeth. This percentage is expected to rise to 25% by 2020 *unless* Cremator units achieve the 50% lowered mercury emission levels as required by DEFRA (Dept of Environment, Food and Rural Affairs) by 2012.

(50% reduction is the balanced figure obtained when environmental and realistic achievement of change rather than a 100% ban on mercury emissions from crematoria could be met.)

### **PROFITEERS from MERCURY AMALGAMS.**

Money is the name of the game; dental pricing structures have varied; payment to the dentist per tooth filling saw an unprecedented rise in fillings and dentist's

pockets in the 1950's with unnecessary placements in childrens' teeth. That generation is now polluting the environment in death.

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Great profits ensue for the amalgam manufacturers and their shareholder-lobbyists in governmental departments particularly in America. The amalgam and dental trades federations worldwide also encourage promotion of sweet foods and drinks to entice gullible public consumption. Necessary dental cavity-filling completes the whole conspiratorial trade in tooth destruction and commercialism.

### **LOSERS.**

This increase in mercury emissions from the dead is because dentistry has insisted upon saving teeth by using mercury fillings and has thereby influenced patients to remain 'dentate'. As a result, many teeth are merely blackened stumps of mercury fillings with little surrounding enamel structure. In previous generations teeth were removed much earlier or dropped out when diseased.

Continued and increasing use of commercial mercury worldwide is contributing a toxic waste to air, land, water and food supplies. It should not be put in the human body. Millions suffer costly illnesses.

### **UPDATING CREMATOR UNITS.**

All new-build crematoria have to conform to new regulations for containing mercury droplets from the teeth of the dead by preventing vapourised and heated mercury from ascending the flues out into the air. New cremators now have internal mercury-gathering machinery so that this hazardous waste can be contained within the building ready for hazardous waste disposal to regulated toxic waste-disposal sites.

Costs to reduce mercury emissions from existing and ageing individual crematoria buildings varies between £150,000 and £450,000 PER UNIT! PER INDIVIDUAL CREMATOR!

Cremation buildings already vary in age and so will vary in the costs required for update and environmental safety. More will need to be spent on cremators in built-up areas with less being spent on those in countryside so that humans gain immediate greater safety.

Mercury when cooled will still drop onto surrounding landscapes/rivers and seascapes. Up-taken by cattle and fish, mercury will still gain access to the human

food chain elevating individual human Hg burden.

Costs of required cremator updates are not only immense to the cremation industry but will add another £30-00 or more to family funeral costs at death.

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Crematoria with insufficient funds are encouraged by CAMEO ( The Crematoria Abatement of Mercury Emissions Organisation, in UK) and the UK Government to join CAMEO and contribute annual funds to assist reduction in those areas less able to pay the enormous amounts per cremator to upgrade and reduce mercury emission.

### **A SIMPLER, CHEAPER WAY FORWARD.**

It would be more effective to ban mercury from use as a dental filling both in terms of better health for the living and in stopping mercury vapour from entering the food chain.

Mercury emittance from the teeth of the dead injuriously affects the health of the living, is extremely costly to crematoria processes, links into the animal, air, water and land environment seriously contaminating them all.

It is hazardous WITHIN a human tooth, is classed a Hazardous waste during dental removal and as Hazardous waste AFTER body cremation. IT IS HAZARDOUS.

The Cremation Society of Great Britain, [www.cremation.org.uk](http://www.cremation.org.uk) and Patients Against Mercury Amalgams in UK ([www.angelakilmartin.com](http://www.angelakilmartin.com)) and all the below as acknowledged, earnestly appeal to this UN conference and its resulting Treaty to:

**BAN entirely the use of mercury as a tooth filling material in the living and that dental mercury amalgam should be INCLUDED in the list of products no longer allowed to use or include mercury.**

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### Acknowledgements

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### **Some health papers citing mercury exposure as cause for illness**

The Mercury Fillings Compilation. e-book. Patients Against Mercury Amalgams. UK

"Toxicology" pub: Pergammon Press 1991.

Dr. Boyd Haley, [www.altcorp.com/amalgam.htm](http://www.altcorp.com/amalgam.htm)

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Chronic low-level mercury exposure and neuropsychological Functioning; Uzell and Oler University of Pennsylvania, USA.

"Retrograde degeneration of Neurite membrane Structural Integrity of nerve growth Cones following exposure to mercury". Leong, Syed, Lorscheider. Journal; NeuroReport 12(4): 733-737, 2001.

The Toxicity of Mercury in Dental Amalgam. Bauer and First, CDA Journal. 47-51

Birth Defects. Work by Huggins, Chang, Vimy, Stortebecker, Hanson and many others.

Autism- a novel form of mercury poisoning. Autism research Institute, USA. [www.autism.com/ari/mercury.html](http://www.autism.com/ari/mercury.html)

There are tens of thousands of verifiable science papers and textbooks showing the toxicity of mercury within the human body in all body systems.

### **Mercury emissions from crematoria:**

DEFRA (Dept of Environment, Food and Rural Affairs. Air quality notes AQ1 (05) AQ13(05), AQ24 (05), AQ10(07) [www.defra.gov.org.uk](http://www.defra.gov.org.uk) )

Office of Fair Trading. Cost of a funeral. <http://www.oft.gov.org.uk>

CAMEO ( Crematoria Abatement of Mercury Emissions Organisation (update January 2006)[www.cameoonline.org.uk](http://www.cameoonline.org.uk)

Secretary of State's Guidance for Crematoria. Guidance Note 5/2/04.

The Federation of Burial and Cremation Authorities. [www.fbca.org.uk](http://www.fbca.org.uk)

The Cremation Society of Great Britain. [www.cremation.org.uk](http://www.cremation.org.uk)

Mercury emission abatement – the true costs. Westerleigh group, plc  
[www.westerleighgroup.co.uk](http://www.westerleighgroup.co.uk)

