TRANSCRIPT - SURGEON GENERAL'S (KOOP) AD HOC COMMITTEE ON
"NON-DENTAL HEALTH EFFECTS OF FLUORIDE," APRIL 18 – 19, 1983

TRANSCRIPT OF PROCEEDINGS
NATIONAL INSTITUTES OF HEALTH

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MEETING OF
THE FLUORIDE PANEL

Date: April 19, 1983
Location: Bethesda, Maryland

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data and I don't think we have to worry about how
that would be implemented, if one seriously believes
going above that and allowing children to take in
four parts per million would be compromising their
health. Unfortunately, we don't have the answer one
way or the other.

DR. WALLACH: I hate to put this on a
personal level, but how many people here, if they had
a child born today or tomorrow, would want their
child to drink four parts per million for most of
their lives?

DR. KLEEREKOPER: And why would they not
want them to drink four parts per million?

DR. WALLACH: Because of the potential
adverse effects?

DR. KLEEREKOPER: No. Because of
unequivocal expected dental fluorosis, unacceptable.
If you ask me why I don't want my daughter to have
four parts per million, I don't want her to have
Stage III or IV dental fluorosis.

DR. SHAPIRO: What I am talking about is,
if I know I enter toxicity for 15 percent or whatever
it is between four and eight, then I don't know how
you can go above that level because you get into a
range that is potentially toxic for some people.
depending on variables that you can't control.

DR. WALLACH: You would have to have rocks in your head, in my opinion, to allow your child much more than two parts per million.

DR. ROWE: I think we all agree on that.

DR. SHAPIRO: How many disagree with setting a primary standard of four parts for adults and no more than two parts for children.

DR. MARX: One at a time.

DR. CARLOS: Can we define "adult", the age of adult?

DR. SHAPIRO: Post-puberty.

DR. MARX: I think Michael and I, at least, see the age cut-off as a dental issue. There is some disagreement about that.

DR. MECKLENBURG: In dental areas, the data is quite variable in this too. More recent studies now in Texas with 3.8, 3.9, they are showing no severe fluorosis at all. But there are other places that were. Only in some studies. Some don't report any of the higher level, where you know it has to be or it seems like it has to be, but, if you look across the range of studies, the confidence interval in the studies, it appears that you are running on the range of moderate to severe fluorosis, maybe