

MAY

CONVERSATIONS UNLIMITED - Monday, May 5, 1986

INTRO UP AND UNDER

Hi, everybody. We're going to talk today about our teeth. Like the weather, teeth are a subject that we all have in common. And, also like the weather, most of us have good days and bad days with our teeth. Today we'll be talking with a research scientist who spends his working time devising ways to help dentists help us take better care of our teeth.

Dr. Israel Kleinberg is an oral biologist with an international reputation for his research and solutions to dental problems. In his laboratory at the State University of New York at Stony Brook, Dr. Kleinberg has been credited with the discovery of a substance in our saliva that may hold the key to combatting tooth decay. His work in that lab has also produced a method of taking a picture of plaque, the slimy film that develops on our teeth ~~is~~ we don't care for them regularly. Now, Dr. Kleinberg is in the news again, this time with a device that helps dentists measure the sensitivity we sometimes feel in our teeth. It sounds to me, Dr. Kleinberg, as if you are living proof of that old adage about success being 1 per cent inspiration and 99 per cent perspiration. You're a hard worker.

INTERVIEW DR. KLEINBERG:

-- Review latest efforts with scratchometer:

- * Who named it?
- * Where has it been tested?
- * Describe its uses; success rate.
- * What lies ahead for this device?

-- Review his work with Sialin:

- * What is it?
- * What does it do?
- * Has it lived up to its potential?
- * Where does it go from here?

--- MORE ---

Camerton

Cy-

Water-Lubers

- Review his work with ultraviolet camera
 - * How does it work?
 - * What does it do that X-rays don't do?
 - * Where is that first camera from SUSB?
 - * Is the process still in use?
- Briefly: what research is still ahead?

14:00

We'll take a short break now, then return to talk some more about our teeth, and the role of the oral biologist, with Dr. Israel Kleinberg. Please stay tuned.

BRIDGE MUSIC UP AND UNDER

Hi. I'm Al Oickle, and I'm at the State University of New York at Stony Brook with Dr. Israel Kleinberg. Dr. Kleinberg is an oral biologist but that's a term that doesn't begin to describe him. Borrowing a phrase I've heard associated with dentistry, I think of Dr. Kleinberg as one of the research scientists who helps us understand even more about ourselves, our health, through the "window of our body" -- our mouth. Dr. Kleinberg, if we can get very practical for a couple minutes, let me ask you this: Generally speaking, do most of us take poor care of our own mouths?

INTERVIEW DR. KLEINBERG:

- What should we do to care for our teeth and mouths?
- In fact, what do most of us do?
- What should we be doing to help improve mouth care?
- Are dentists more involved in mouth-care education?
- Any new roles coming for research laboratories?
- Describe how our School of Dental Medicine helps?
 - * Be sure to cover education, research and service
- What lies ahead in Dr. Kleinberg's lab?

29:00

OUTRO

####