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THE SAFEST DENTAL VISIT™
I MADE IT HAPPEN:
 Mission, Values and Objective in Practice of Infection Control – Testimony throughout the time
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Disclosures



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Words



-Words are full of knowledge!
 -They are represented in our brains by images
 and in our bodies by emotions
 bearing this in mind... follow me,
 please.



Images - Emotions

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- And talking about words, terms, sentences to answer the questions:
What,
Why,
and finally How,
Allow me to start using the concept phrase by OSAP....



With images and emotions we create our world

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This concept-phrase by OSAP, which reminds us of the importance of Infection Control, may also inspire us to perform the control of other hazards besides the biological ones.

In Brazil we defend this attitude when we associate the term **BIO SAFETY** with the concept-phrase, The Safest DENTAL VISIT™.

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Biosafety – term created in the 1970's

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Its creation has been a milestone in the Evolution of the scientists' awareness, who **admitted the biological hazard**, and the need to **minimize the biological risks**.


Ergonomical


Biological


Chemical


Chemical


Accidents


Psychological

This posture has spread to other human activities, with the acknowledgement of other **hazards and risks** besides the biological ones.

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Nowadays there are more than 10 definitions for BIOSAFETY

One of the definitions

"It is the set of actions taken towards prevention, minimization or elimination of risks associated to the activities of research, production, teaching, technological development and service provision, aiming the health of humans, animals, the environment or the quality of the service developed."



Pedro Teixeira e Silvio Valle 1996

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In order to speak of the knowledge that the term BIOSAFETY brings us today, I'll cover the following topics:

- BIOSAFETY as a Module
- BIOSAFETY's Mission, Values and Objective
- BIOSAFETY as an Educational Process
- Conduct in the PRACTICE of BIOSAFETY
- MEANS and RESOURCES for its PRACTICE

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Biosafety's Mission in dentistry

The search for EXCELLENCE IN HUMAN Dental PRACTICE through prevention, minimization or elimination of risks

As Exemplary Conduct = doing the best of what we already acknowledge.

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- Biosafety is not a Science
- It is a Model
- It is a set of knowledge and resources from different sciences.

- And to understand the purpose of Biosafety we can go through the concepts of **MISSION, VALUES, OBJECTIVE**, considering their existing definitions.

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BIOSAFETY VALUES:

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TRUTH: such as the acknowledgement of reality about hazards and their needs.

- Utility : such as the supply of needs without waste.

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BIOSAFETY's Objective

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HEALTH :

- human, animal and environmental;

With SUSTAINABILITY:

- with Economical Viability.
- with Social Utility.
- with Environmental Preservation

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My case

1977
AIDS
First case of AIDS is recorded in the USA


1978
One of my graduation pictures


1980
USA
First alert in national level


1982
First Alert in Brazil - São Paulo - SP


Dr. Crawford
IF SALIVA WERE RED

My Story

- Level of Awareness in 1978.
In one of the best Dentistry Universities in Brazil.



My graduation picture#
#####A302#

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My Story

In this photo we cannot see all the knowledge that I had acquired during my dentistry course.
However, we can see the formation that I had not received during my dentistry course.



My graduation picture#
#####A302#

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Level of Awareness in 1978

- I am without: cap, mask, goggles, lab coat, gloves
- The patient without goggles.
- Equipment: no barriers, hand pieces are not sterile.



My graduation picture#
#####6.502##

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My case

1977: AIDS First case of AIDS is recorded in the USA

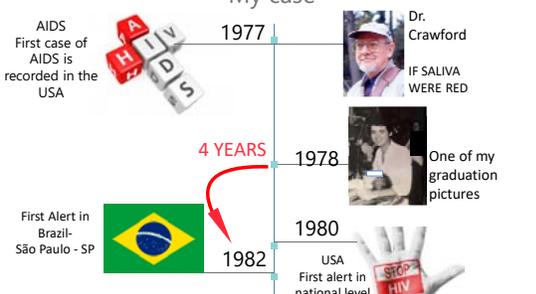
1978: Dr. Crawford IF SALIVA WERE RED

1980: One of my graduation pictures

1982: First Alert in Brazil - São Paulo - SP

USA First alert in national level

4 YEARS



KNOWLEDGE ACKNOWLEDGE DISCOVER

I acknowledged THE HAZARD

I had been touched. I discovered a new reality:
The need to control the **BIOLOGICAL RISKS**.

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Knowledge => Acknowledgement



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TODAY BIOSAFETY IS CONSIDERED AN EDUCATIONAL PROCESS - IN ORDER TO DO IT, I'VE HAD TO:

- LEARN HOW TO LEARN; LEARN HOW TO DO;
- LEARN HOW TO BE; LEARN HOW TO TEACH

- PPE'S (gloves);
- Hygiene;
- Vaccination;
- Sterilization;
- Disinfection ;
- Asepsis;
- Disposables;
- Antisepsis;
- Barriers of Surfaces;
- Correct Disposal;
- Manuals of Procedures...



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FIRST STEP

I created a thought that represented my objective

My first Concept Thought :

Do not create other spittoons around myself

That Crawford illustrated so well
Coloring the Saliva Red



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To sum it all up

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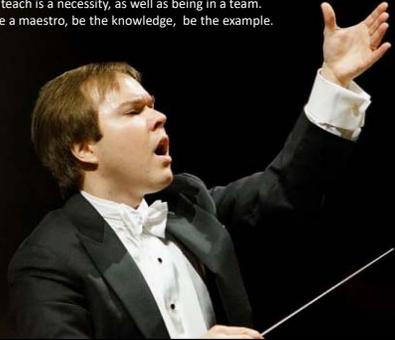
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Knowledge <=> Acknowledgement <=>
Needs <=> Mission, Values and Objective, with words, concepts, phrases, and conceptual images=> more knowledge, more awareness=> more educational process => more actions, not just to do pre-established tasks, but more than that, also for all kinds of danger that we recognize and the risks we can minimize.

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Knowing how to teach is a necessity, as well as being in a team.
We should be like a maestro, be the knowledge, be the example.





TEAM - A gathering of people with the same Mission, Values and Objectives. - Same Level of Competence: - Responsibility, Proactivity

How can we improve control and keep the aseptic chain?

(As OSAP members – professionals who are aware of Infection Control – and final users)

Advice for the industry:

To create appropriate packaging that make it possible to manipulate the contents in a way that the aseptic chain is maintained in pre, trans and post-surgery.

For example: resins – lids with shape and size suitable for covering with barriers.

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Suggestion/Demand for the manufacturers of dental equipment:

- Elimination of the spittoons
- High-powered aspirators
- Simplified water and airlines, which can be changed easily and fast, to control the biofilm
- Metal components that form the commands of the water and Airlines must be compatible with what we acknowledge today as the best for cleaning and disinfection
- Methods to control the biofilm in the waterlines must be certified and have economic sustainability.

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Suggestion/Demand for the manufacturers of dental products:

- Create a standardization for the products as regards the minimum hygienic conditions in the manufacturing process, packaging; storage and transport conditions

For example:

- Cardboard packaging – protect it against the entrance of insects, animal urine (rats), powder, humidity, ... SEAL it with thick plastic.

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Thank you!



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Instagram: @tetodontologiasp
Facebook: T&T Odontologia
Youtube <https://www.youtube.com/channel/UC7-Dymjaj-igQIMhRiq0o7A>



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