



# Rapid-response model

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**Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic-  
EvipOralHealth/ Brazil**

**Abril de 2022**

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## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### São Paulo / Brazil

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#### Translation:

Tradução, transferência e troca de conhecimento como estratégia para informar a tomada de decisão rápida no sistema público de saúde do estado de São Paulo devido à pandemia de COVID-19- EvipOralHealth/ Brasil.

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São Paulo/ Brazil

2022

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## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### **Summary**

<b>Pandemic context in Brazil and the State of São Paulo</b>	<b>6</b>
<b>Details of the proposed intervention: Translation, transfer and knowledge exchange to enable the implementation of changes</b>	<b>9</b>
<b>Intervention (and comparator), exposure or phenomenon of interest</b>	<b>10</b>
<b>Focus (details of the intervention and theoretical concept)</b>	<b>11</b>
<b>During these months of emergency support for decision-making to the State Coordination of Oral Health of the State of São Paulo, we addressed the following cycles (Figure 3).</b>	<b>13</b>
Webinars- cycle 1. Knowing SARS-CoV-2 and biosecurity measures	13
Webinars - cycle two. Safe resumption and work process changing	13
<b>Product name</b>	<b>16</b>
<b>One page summary with hyperlinks to selected documents</b>	<b>17</b>
<b>The table that lists all documents that address the question, organized by document type and sorted by relevance to the question and to COVID-19</b>	<b>19</b>
<b>A table that provides an overview of the type and number of documents that were identified</b>	<b>26</b>
<b>How to engage a distributed network of staff and students in completing quality assessments in less than an hour (once reviews have been scheduled and before their profiling in the summary and tables can be finalized)</b>	<b>27</b>
<b>Where to draw the line for single studies</b>	<b>28</b>
<b>*COLLABORATION GROUP</b>	<b>29</b>
<b>VERSÃO PORTUGUÊS</b>	<b>32</b>
<b>Contexto da Pandemia no Brasil e no estado de São Paulo</b>	<b>33</b>
<b>Detalhes da intervenção proposta: Tradução, transferência e troca de conhecimento para possibilitar a implementação das mudanças</b>	<b>36</b>
<b>Intervenção</b>	<b>37</b>
<b>Focus (detalhes da intervenção e conceituação teórica)</b>	<b>39</b>
<b>Durantes esses meses de apoio emergencial à tomada de decisão à Coordenação Estadual de saúde Bucal do Estado de São Paulo abordamos os seguintes ciclos:</b>	<b>41</b>
<b>Product name/ Nome deste produto:</b>	<b>42</b>
<b>Resumo com links importantes</b>	<b>44</b>

## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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<b>Table that provides an overview of the type and number of documents that were identified</b>	<b>55</b>
<b>Questões atualmente sendo trabalhadas</b>	<b>56</b>
<b>Where to draw the line for single studies</b>	<b>58</b>
<b>Referências</b>	<b>59</b>
<b>Autores</b>	<b>61</b>

## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### **I. Pandemic context in Brazil and the State of São Paulo**

After covid-19, Brazil will never be the same. Contemporary human history has never experienced the scale crisis caused by SARS-CoV-2. COVID-19 has exposed and exacerbated racial disparities in Brazil. (Santos et al., 2020) Coronavirus has brought to wider consciousness inequalities in areas from healthcare to technology. The world of work, education, the economy and the health system have undergone rapid and profound transformations that should remain in the post-pandemic (UN, 2020; UN, 2020; Dias, Pinto, 2020). While increasing the spread of the virus among the population, studies revealed that the only effective measures for infection control were related to individual habits. Collective sanitary measures were taken to ensure the safety of all, which forced policymakers and stakeholders to make difficult decisions, such as closing businesses (São Paulo, 2020), suspending face-to-face classes (São Paulo, 2020) and implementing mandatory use of face masks (São Paulo, 2020). Such measures have generated conflicts and discussions in society about the limits between the individual and collective law.

Besides this unprecedented situation, Brazil has experienced, since the beginning of the pandemic, a scenario of a single command. There were serious and deep divergences between the ideological wing of the federal government, denying the existence and seriousness of the problem and the technicians of the Unified Health System and the Ministry of Health, making decisions based on scientific evidence and international consensus (Lancet, 2020). On the other hand, in the state of São Paulo, even before the first case arrived in Brazil, a committee to confront the health crisis was created with researchers, health workers and politicians.

The covid-19 pandemic has taken away the greatest hallmarks of the Dental Surgeon's profession: the high-speed handpiece and limited urgent and emergency care (ANVISA, 2020). The high-speed contamination pattern of COVID-19 through salivary droplets, mainly in asymptomatic patients, forced decision-makers and governments to extrapolate the potential risk of contamination with droplets to aerosol present in dental practices. It was no longer possible to practice dentistry as usual, and it is recommended to avoid aerosol spreading (Huff and Singh, 2020), and there was an urgent need for universities and policymakers to think of ways to resolve this situation. On the other hand, the pandemic examines the long-established workflow in the dental field and opens a window of

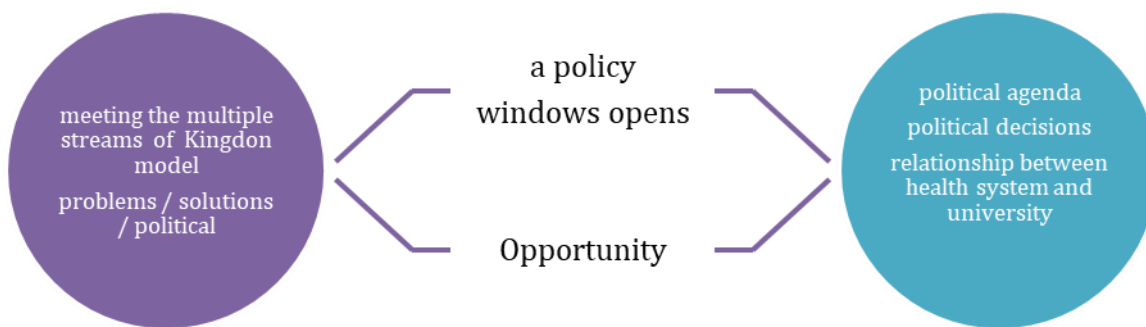
## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

opportunity, forcing us to re-examine our practice and thereby achieve medical innovation. We were compelled, given the real and inevitable situation of the pandemic, to expand not only the object of the dental clinic, to expand our ways of thinking, to expand the possibilities for a Dental Surgeon to act in such a complex, unknown and challenging scenario.

The pandemic revealed the reality and the health care system experienced an unexpected situation in its work process and enabled political decision making. This unique moment could be a new chapter in history if we were able to build its foundations with scientific evidence and with a closer relationship between service-teaching and community (Figure 1). Potentially, it may be an opportunity of disseminating pre-existent/available scientific evidence and translating it into clinical practice due to these new unprecedented situations caused by the COVID-19 pandemic. Even not being options restricted to these critical moments, their implementation in the real world may be fostered due to them.

Figure 1. Outline of the process of opening the window of opportunity that enabled the change in the oral health work process in SUS.



Source: Author elaboration

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

### 2. Details of the proposed intervention: Translation, transfer and knowledge exchange to enable the implementation of changes

Population: São Paulo is the largest and richest state in Brazil, its total area is 248 222,362 km<sup>2</sup>, which is equivalent to 2.9% of Brazil's territory, being slightly larger than the United Kingdom. It has about 50 million inhabitants and if it were an independent country, its nominal gross domestic product (GDP) could be classified among the 20 largest in the world. São Paulo State has 645 cities and it is divided into 17 regional health departments, with seventeen thousand (17,000) oral health teams (Dentist and dental technicians), oral health managers, health secretaries (Figure 2).

Figure 2. Regional Health Departments of the state of São Paulo



Source: São Paulo,2012: <https://saude.sp.gov.br/ses/institucional/departamentos-regionais-de-saude/regionais-de-saude>



## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### 3. Intervention (and comparator), exposure or phenomenon of interest

1. March / 2020- Quick Review- to inform and support decision-making, whether the state of São Paulo would suspend or not elective dental care.
2. March / 2020- Deliberative dialogue - with the state oral health coordinator + 17 oral health coordinators (interlocutors) from the regional state's health regions of the state + FOUSS Evidence Center - to understand how the Center could collaborate in combating the pandemic, in the context of oral health and SUS primary health care.
3. March 26- Decree: publication of resolution suspending dental care and maintenance of elective care
4. April 2020- New deliberative dialogue to identify new demands and new deliberations-

Result: Identification of permanent education need (translation and transfer of knowledge), especially concerning new one's biosafety protocols and organization of the work process in times of pandemic.

5. May 18 - Cycle 1 webinars- Beginning of weekly knowledge translation and knowledge transfer activities via Youtube
6. May 20- Weekly deliberative dialogues- Beginning of weekly knowledge exchange and deliberation activities for the construction of state rules and protocols and laws and municipalities.
7. June 01 - Decree- State plan to make quarantine more flexible and planning necessary for the responsible return of elective care - a moment of high tension.
8. June 01- webinars Cycle 2 (Translation and knowledge transfer) on the resumption addressing the themes:
  - a. Minimal Intervention Dentistry - atraumatic restorative treatment, silver diamine fluoride, ultra-conservative treatments, The Hall Technique.
  - b. Teledentistry to ensure health care
9. June 03- Deliberative dialogue

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

- a. Construction of the regulation of teledentistry
- b. Construction of the regulation of the resumption of dental care protocols respecting the epidemiological profile of each municipality - need for local decision
10. June 04- Decree- RESOLUTION CFO-226/2020- teledentistry regulation in Brazil
11. July 01- Publication of the protocol for resuming care in the State of São Paulo with details of dental care:
12. Primary studies in the official database- When municipalities began the process of resuming elective care, it became evident that the health system was unable to care for patients with oral cancer and patients with special needs
13. August 06- Publication paper- Teledentistry and the Unified Health System: An Important Tool for the Resumption of Primary Health Care in the Context of the COVID-19 Pandemic
14. August 12- Deliberative dialogue- to define strategies to rescue patients with oral cancer and organize the care network for cancer patients.
  - a. Definition of November as a month of prevention and early diagnosis of oral cancer
  - b. Organization of the network- Diagnosis of critical nodes and resolution of problems
  - c. Development a teledentistry model, to use in the PHC units

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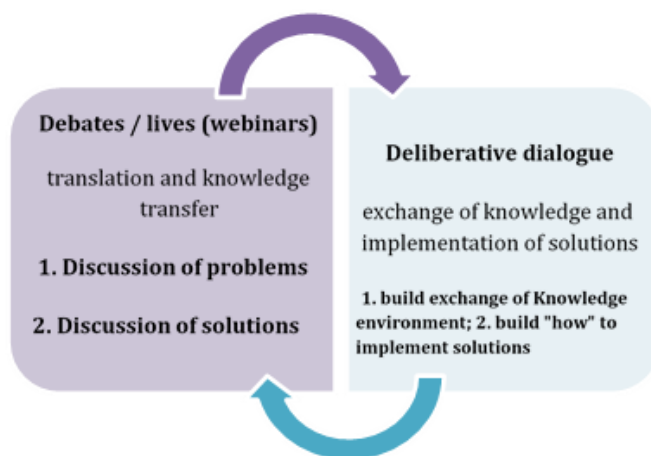
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### 4. Focus (details of the intervention and theoretical concept)

In June 2018, the School of Dentistry of the University of São Paulo created a group, called Evidence-Informed Policy in Oral Health (EvipOralHealth), to support the formulation process of public policies in oral health based on scientific evidence. The project is linked to Network for Policies Informed by Evidence (EVIPNet), whose objective is to facilitate the use of academic production in the creation of health policies.

In 2020, in the face of the covid-19 pandemic, EvipOralHealth established an emergency decision support program for the State Coordination of Oral Health of the State of São Paulo (Figure 3), which started in May, based on the concepts: Knowledge translation (KT); 2. “The transfer of knowledge (Knowledge transfer- KTransfer); 3. Knowledge exchange; 4. Implementation (Graham; Tetroe, 2007; Field et al, 2014; Ferraz; Pereira; Pereira, 2019 ). Also, in 2020, an Oral-Related Health Economics Unit was added to the EvipOralHealth to provide additional information to support the decision-making process and contribute to the creation and implementation of policies.

Figure 3. Emergency decision support program for the State Coordination of Oral Health of the State of São Paulo



Fonte: author elaboration

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

As a strategy for rapid knowledge transfer, and support for decision-making and support in the implementation of strategies to combat the pandemic, we developed live debates, using youtube, on relevant topics brought by SUS managers and workers. In this space, we managed to establish a “translation and knowledge exchange”.

From May 18 to September 21, every Monday night, we held 20 debates <https://www.youtube.com/c/ObservatorioIberoamericanoPoliticSa%C3%BAdeBucal/videos>

<https://www.youtube.com/c/ObservatorioIberoamericanoPoliticSa%C3%BAdeBucal/videos>, with researchers, manager (a) if Workers from different areas of public health and Dentistry, to establish the theoretical frameworks for decision making informed by evidence, establishing “translation and knowledge transfer”. These sessions are public and all content can be accessed by any internet user.

After the debates, we met in the “Weekly deliberative dialogues”, on Wednesdays, to build space for “knowledge exchange” and establish space for deliberation and construction of plans for “implementation” of the necessary changes in the oral health work process, in the state of Sao Paulo. From May 20th to September 24th we held 18 meetings, with an average of 50 managers per meeting. These meetings preserve the identity and confidentiality of the information, so their content is not disclosed, only a summary is made at each meeting to preserve the memory of the meetings.

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### **5. During these months of emergency support for decision-making to the State Coordination of Oral Health of the State of São Paulo, we addressed the following cycles (Figure 3).**

1. General aspects of the new coronavirus of dentist's interest:

<https://www.youtube.com/watch?v=JRdulLaQY7E>

2. PhC that makes A Difference in Pandemic Times;

[https://www.youtube.com/watch?v=fh\\_AgFyA6KY](https://www.youtube.com/watch?v=fh_AgFyA6KY)

3. Video lesson: Biosafety in Times of Covid-19;

<https://www.youtube.com/watch?v=P0BEEtOrDSU>

4. Biosafety aspects for Dentistry in the Unified Health System;

<https://www.youtube.com/watch?v=CDo3JPuVChI&t=46s>

5. Respiratory protection: how to protect the health workforce in times of pandemic?

<https://www.youtube.com/watch?v=igpl7J6XgE8>

6. How to summarize oral health in the face of the covid pandemic 19?

<https://www.youtube.com/watch?v=vA0QH0aQ5lg>

7. The possibilities of Teledentistry in the SUS;

<https://www.youtube.com/watch?v=rZK6SExNr2U&t=988s>

8. Collective and individual actions in Dentistry Mediated by Technologies in the Sus: Prevention and Health Promotion; <https://www.youtube.com/watch?v=iOjF6zw97Yc>

9. General aspects of dentistry with minimal intervention for the resumption in the context of PHC. <https://www.youtube.com/watch?v=KIOMT0fycc0>

10. Cariology: Etiology, diagnosis and risk assessment according to SES / SP;

<https://www.youtube.com/watch?v=wiGaYB7d9sk>

11. The Challenges of Implementing The Minimum Intervention as a Policy -

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

<https://www.youtube.com/watch?v=Olh8NX7EYal>

12. Dentistry with minimal intervention: ART;

<https://www.youtube.com/watch?v=PByRcGcJCXQ&t=1364s>

13. Dentistry with minimal intervention. Treatment of initial lesions - the use of cariostatic;

[https://www.youtube.com/watch?v=k\\_3Xmyd1w6c&list=PLF92-m-1MIDCQVCE1zD2T9IQhF\\_JHnoc-&index=8](https://www.youtube.com/watch?v=k_3Xmyd1w6c&list=PLF92-m-1MIDCQVCE1zD2T9IQhF_JHnoc-&index=8)

14. Steel crowns and recapping the minimal intervention:

[https://www.youtube.com/watch?v=\\_r53QvH0bd8&list=PLF92-m-1MIDCQVCE1zD2T9IQhF\\_JHnoc-&index=10](https://www.youtube.com/watch?v=_r53QvH0bd8&list=PLF92-m-1MIDCQVCE1zD2T9IQhF_JHnoc-&index=10)

15. The medium and long-term pandemic in Brazil, in the world and the responsiveness of the SUS <https://www.youtube.com/watch?v=bAjFq718YEg&t=4529s>

16. The care (less) of patients with mouth cancer and the covid pandemic19

[https://www.youtube.com/watch?v=Y\\_O6tDUfYMw](https://www.youtube.com/watch?v=Y_O6tDUfYMw)

17. Strategies in the SUS to track patients at risk for mouth cancer in times of pandemic

<https://www.youtube.com/watch?v=74cgFEYuwrw&t=2064s>

18. Support in Pandemic Times and Mouth Cancer

[https://www.youtube.com/watch?v=TY-fuG\\_V6Jw&t=2154s](https://www.youtube.com/watch?v=TY-fuG_V6Jw&t=2154s)

19. Technology-mediated diagnosis: Paths and Possibilities

<https://www.youtube.com/watch?v=OPPXyVQzwv0&t=3475s>

20. How to care for patients with special needs during the pandemic?

[https://www.youtube.com/watch?v=IS6R86yBO\\_s&t=1s](https://www.youtube.com/watch?v=IS6R86yBO_s&t=1s)

## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### **6. Product name**

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Rapid-response model: Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the covid pandemic19.

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### 7. One page summary with hyperlinks to selected documents

1. Rapid Review- Increasing the safety of dental treatment during covid-19: A Rapid Review

<https://drive.google.com/file/d/1mtqGFp5CG2chyla9OI7-vCGD2Luz2j1t/view?usp=sharing>

2. Document suspending elective treatments:

[http://www.saude.sp.gov.br/resources/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603\\_orientacoes\\_bucal\\_coe.pdf](http://www.saude.sp.gov.br/resources/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603_orientacoes_bucal_coe.pdf)

3. Document recommending the resumption of elective care: file: /// F:

[/2020/teleconsultorias/organizacao\\_das\\_acoes\\_na\\_aps\\_versao\\_2-julho\\_2020.pdf](/2020/teleconsultorias/organizacao_das_acoes_na_aps_versao_2-julho_2020.pdf) or  
<http://www.cosemssp.org.br/noticias/organizacao-das-acoes-na-atencao-primary-health-in-the-context-of-covid-19/>

4. Publication paper- Teledentistry and the Unified Health System: An Important Tool for the Resumption of Primary Health Care in the Context of the COVID-19 Pandemic:

<http://revista.uepb.edu.br/index.php/pboci/article/view/5714/pdf>

5. Extract data: Data on the lack of care of mouth cancer patients in Brazil and the state of SP:

<https://drive.google.com/file/d/1dcyHjSlyWrohJXKM2Scno-VYUOZsR12F/view?usp=sharing>

6. Deliberative dialogue: Daily schedule suggestion for oral health in PHC - to use in all 645 municipalities of State:

<https://drive.google.com/file/d/1JR1NjjBhF-nmf3rSYnrdMEx6IJjKhsII/view?usp=sharing>

7. Deliberative dialogue: Oral health care flow suggestion at PHC of the state of São Paulo to use in all 645 municipalities of State:

<https://drive.google.com/file/d/1TGZmT8Hd78tlfM5pAZOvyHo3rCrC2Tco/view?usp=sharing>

8. Deliberative dialogue: Suggestion of care flow for prevention and diagnosis of oral cancer in the care network of the state of São Paulo, to use in all 645 municipalities of State:

<https://drive.google.com/file/d/1Zqf0R3NfWSP-YJ5q2qsOau1lo5GngIVd/view?usp=sharing>



## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

9. Extract data: Data on the lack of care for patients with special needs in Brazil and the state of SP:

<https://drive.google.com/file/d/1H1jm9t2yIVDMnPIOkYNhughi6belfUL1/view?usp=sharing>

10. Webinar: General aspects of the new coronavirus of interest to dentists;

<https://www.youtube.com/watch?v=JRdulLaQY7E>

11. Webinar: PhC that makes A Difference in Pandemic Times; ttps:

[https://www.youtube.com/watch?v=fh\\_AgFyA6KY](https://www.youtube.com/watch?v=fh_AgFyA6KY)

12. Webinar: Video lesson: Biosafety in Times of Covid-19;

<https://www.youtube.com/watch?v=P0BEEtOrDSU>

13. Webinar: Biosafety aspects for Dentistry in the Unified Health System;

<https://www.youtube.com/watch?v=CDo3JPuVChI&t=46s>

14. Webinar: Respiratory protection: how to protect the health workforce in times of pandemic? <https://www.youtube.com/watch?v=igpl7J6XgE8>

15. Webinar: How to summarize oral health in the face of the COVID pandemic 19?

<https://www.youtube.com/watch?v=vA0QH0aQ5lg>

16. Webinar: The possibilities of Teledentistry in the SUS;

<https://www.youtube.com/watch?v=rZK6SExNr2U&t=988s>

17. Webinar: Collective and individual actions in Dentistry Mediated by Technologies in the Sus: Prevention and Health Promotion;

<https://www.youtube.com/watch?v=iOjF6zw97Yc>

18. Webinar: General aspects of dentistry with minimal intervention for the resumption in the context of PHC. <https://www.youtube.com/watch?v=KIOMT0fycc0>

19. Webinar: Cariology: Etiology, diagnosis and risk assessment according to SES / SP;

<https://www.youtube.com/watch?v=wiGaYB7d9sk>

20. Webinar: The Challenges of Implementing The Minimum Intervention as a Policy

<https://www.youtube.com/watch?v=OIh8NX7EYaI>

21. Webinar: Dentistry with minimal intervention: ART;

<https://www.youtube.com/watch?v=PByRcGcJCXQ&t=1364s>

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

22. Webinar: Dentistry with minimal intervention. Treatment of initial lesions - the use of cariostatic;  
[https://www.youtube.com/watch?v=k\\_3Xmyd1w6c&list=PLF92-m-1MIDCQVCE1zD2T9IQhF\\_JHnoc-&index=8](https://www.youtube.com/watch?v=k_3Xmyd1w6c&list=PLF92-m-1MIDCQVCE1zD2T9IQhF_JHnoc-&index=8)
  23. Steel crowns and recapping the minimal intervention  
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  24. Webinar: The medium and long-term pandemic in Brazil, in the world and the responsiveness of the SUS <https://www.youtube.com/watch?v=bAjFq718YEG&t=4529s>
  25. Webinar: The care (less) of patients with mouth cancer and the COVID pandemic19  
[https://www.youtube.com/watch?v=Y\\_O6tDUfYMw](https://www.youtube.com/watch?v=Y_O6tDUfYMw)
  26. Webinar: Strategies in the SUS to track patients at risk for mouth cancer in times of pandemic <https://www.youtube.com/watch?v=74cgFEYuwrw&t=2064s>
  27. Webinar: Support in Pandemic Times and Mouth Cancer  
[https://www.youtube.com/watch?v=TY-fuG\\_V6Jw&t=2154s](https://www.youtube.com/watch?v=TY-fuG_V6Jw&t=2154s)
  28. Webinar: Technology-mediated diagnosis: Paths and Possibilities  
<https://www.youtube.com/watch?v=OPPXyVQzvw0&t=3475s>
  29. Webinar: How to care for patients with special needs during the pandemic?  
[https://www.youtube.com/watch?v=IS6R86yBO\\_s&t=1s](https://www.youtube.com/watch?v=IS6R86yBO_s&t=1s)
-

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

### 8. The table that lists all documents that address the question, organized by document type and sorted by relevance to the question and to COVID-19

DOC. TYPE	QUESTION	COVID RELEVANCE	HYPERLINK
<b>Rapid Review</b>	Biosafety	With covid, all biosafety protocols in dentistry were readapted to avoid contamination of professionals and patients	<a href="https://drive.google.com/file/d/1mtqGFp5CG2chyla9OI7-vCGD2Luz2j1t/view?usp=sharing">https://drive.google.com/file/d/1mtqGFp5CG2chyla9OI7-vCGD2Luz2j1t/view?usp=sharing</a>
<b>Law / decree</b>	<b>Document suspending elective treatments:</b>	After a quick review and deliberative dialogue, we observed: <ol style="list-style-type: none"> <li>1. lack of personal protective equipment</li> <li>2. high risk of contamination of professionals</li> <li>3. need for lockdown and reduction of people on the streets</li> <li>4. need to use the workforce of the oral health team in pandemic fast track</li> </ol>	<a href="http://www.saude.sp.gov.br/resources/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603_orientacoes_bucal_coe.pdf">http://www.saude.sp.gov.br/resources/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603_orientacoes_bucal_coe.pdf</a>
<b>law / decree</b>	<b>Document recommending the resumption of elective care</b>	After monitoring health indicators and weekly deliberative dialogues, we observe: <ol style="list-style-type: none"> <li>1. sufficient stock of personal protective equipment</li> </ol>	<a href="#">Council of Municipal Health Secretaries of the State of São Paulo</a>

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

		<p>2. Workforce training and definition of biosafety protocols (webinars and manuals)</p> <p>3. Alarming health indicators on mouth cancer and patients with special needs</p>	
<b>Analysis of the possibilities for SUS - Paper</b>		Teledentistry and the Unified Health System: An Important Tool for the Resumption of Primary Health Care in the Context of the covid-19 Pandemic:	<a href="http://revista.uepb.edu.br/index.php/pboci/article/view/5714/pdf">http://revista.uepb.edu.br/index.php/pboci/article/view/5714/pdf</a>
<b>Extract data- Paper</b>	Analysis of secondary data	The health system stopped diagnosing oral cancer in the first months of the pandemic	<a href="https://drive.google.com/file/d/1dcyHjSlyWrohJXKM2Scno-VYUOZsR12F/view?usp=sharing">https://drive.google.com/file/d/1dcyHjSlyWrohJXKM2Scno-VYUOZsR12F/view?usp=sharing</a>
<b>Extract data</b>	Analysis of secondary data	The health system stopped caring for patients with special needs in the first months of the pandemic	<a href="https://drive.google.com/file/d/1H1jm9t2yIVDMnPIOkYNhughi6belfUL1/view?usp=sharing">https://drive.google.com/file/d/1H1jm9t2yIVDMnPIOkYNhughi6belfUL1/view?usp=sharing</a>
<b>Daily schedule suggestion for oral health in PHC</b>	<b>To organize a new work process in all state</b>	In the context of the pandemic, dental consultations should be planned to increase the time between consultations, allowing cleaning of surfaces and exchange of workers' PPE	<a href="https://drive.google.com/file/d/1JR1NjjBhF-nmf3rSYnrdMEx6IjJkhsII/view?usp=sharing">https://drive.google.com/file/d/1JR1NjjBhF-nmf3rSYnrdMEx6IjJkhsII/view?usp=sharing</a>
<b>Oral health care flow suggestion at PHC of the</b>	<b>To organize a new work process in all state</b>	The entire service flow is being adapted to avoid aerosol procedures and includes teledentistry	<a href="https://drive.google.com/file/d/1TGZmT8Hd78tlfM5pAZOvyHo3rCrC2Tco/view?usp=sharing">https://drive.google.com/file/d/1TGZmT8Hd78tlfM5pAZOvyHo3rCrC2Tco/view?usp=sharing</a>

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

state of São Paulo			
<b>A Suggestion of care flow for prevention and diagnosis of oral cancer in the care network of the state of São Paulo</b>	<b>To organize a new work process in all state</b>	<p>Screening for oral case cancer in smoking patients in partnership with the state tobacco control program.</p> <p>The flow will be through primary health care, but it will be at all levels of attention.</p>	<a href="https://drive.google.com/file/d/1Zqf0R3NfWSP-YJ5q2qsOau1lo5GnglVd/view?usp=sharing">https://drive.google.com/file/d/1Zqf0R3NfWSP-YJ5q2qsOau1lo5GnglVd/view?usp=sharing</a>
<b>Webinar</b>	Coronavirus	General aspects of the new coronavirus of interest to dentists	<a href="https://www.youtube.com/watch?v=JRdulLaQY7E">https://www.youtube.com/watch?v=JRdulLaQY7E</a>
<b>Webinar</b>	primary health care	PhC that makes A Difference in Pandemic Times	<a href="https://www.youtube.com/watch?v=fh_AgFyA6KY">https://www.youtube.com/watch?v=fh_AgFyA6KY</a>
<b>Webinar</b>	Biosafety	Video lesson: Biosafety in Times of Covid-19	<a href="https://www.youtube.com/watch?v=P0BEEtOrDSU">https://www.youtube.com/watch?v=P0BEEtOrDSU</a>
<b>Webinar</b>	Biosafety	Respiratory protection: how to protect the health workforce in times of pandemic?	<a href="https://www.youtube.com/watch?v=igpl7J6XgE8">https://www.youtube.com/watch?v=igpl7J6XgE8</a>

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

<b>webinar</b>	Oral health care	How to summarize oral health in the face of the COVID pandemic 19?	<a href="https://www.youtube.com/watch?v=vA0QH0aQ5lg">https://www.youtube.com/watch?v=vA0QH0aQ5lg</a>
<b>Webinar</b>	Teledentistry	Telemonitoring of smoking patients. Monitoring and maintaining the evolution of the treatment of addiction	<a href="https://www.youtube.com/watch?v=rZK6SExNr2U&amp;t=988s">https://www.youtube.com/watch?v=rZK6SExNr2U&amp;t=988s</a>
<b>Webinar</b>	Teledentistry Collective and individual actions Prevention and Health Promotion	Collective and individual actions in Dentistry Mediated by Technologies in the Sus: Prevention and Health Promotion	<a href="https://www.youtube.com/watch?v=iOjF6zw97Yc">https://www.youtube.com/watch?v=iOjF6zw97Yc</a>
<b>Webinar</b>	minimal intervention PHC	General aspects of dentistry with minimal intervention for the resumption in the context of PHC.	<a href="https://www.youtube.com/watch?v=KIOMT0fycc0">https://www.youtube.com/watch?v=KIOMT0fycc0</a>
<b>Webinar</b>	Cariology	Cariology: Etiology, diagnosis and risk assessment according to SES / SP	<a href="https://www.youtube.com/watch?v=wiGaYB7d9sk">https://www.youtube.com/watch?v=wiGaYB7d9sk</a>
<b>Webinar</b>	Minimum Intervention as a Policy	The Challenges of Implementing The Minimum Intervention as a Policy	<a href="https://www.youtube.com/watch?v=Oih8NX7EYaI">https://www.youtube.com/watch?v=Oih8NX7EYaI</a>

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

<b>Webinar</b>	Atraumatic restorative treatment	Dentistry with minimal intervention: ART;	<a href="https://www.youtube.com/watch?v=PByRcGcJCXQ&amp;t=1364s">https://www.youtube.com/watch?v=PByRcGcJCXQ&amp;t=1364s</a>
<b>webinar</b>	Cariostatic	Dentistry with minimal intervention. Treatment of initial lesions - the use of cariostatic;	<a href="https://www.youtube.com/results?search_query=Tratamento+de+les%C3%B5es+iniciais-+a+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos">https://www.youtube.com/results?search_query=Tratamento+de+les%C3%B5es+iniciais-+a+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos</a>
<b>Webinar</b>	Steel crowns Hall technic	Knowing the steel crowns and recapping the minimal intervention	<a href="https://www.youtube.com/watch?v=_r53QvH0">https://www.youtube.com/watch?v=_r53QvH0</a>
<b>Webinar</b>	Pandemic effects	The medium and long-term pandemic in Brazil, in the world and the responsiveness of the SUS	<a href="https://www.youtube.com/watch?v=bAjFq718Yeg&amp;t=4529s">https://www.youtube.com/watch?v=bAjFq718Yeg&amp;t=4529s</a>
<b>webinar</b>	Oral cancer	The care (less) of patients with mouth cancer and the covid pandemic19	<a href="https://www.youtube.com/watch?v=Y_O6tDUfYMw">https://www.youtube.com/watch?v=Y_O6tDUfYMw</a>
<b>webinar</b>	Oral cancer screening	Strategies in the SUS to track patients at risk for mouth cancer in times of pandemic	<a href="https://www.youtube.com/watch?v=74cgFEYuwrw&amp;t=2064s">https://www.youtube.com/watch?v=74cgFEYuwrw&amp;t=2064s</a>
<b>webinar</b>	Oral cancer	Support in Pandemic Times and Mouth Cancer	<a href="https://www.youtube.com/watch?v=TY-fuG_V6Jw&amp;t=2154s">https://www.youtube.com/watch?v=TY-fuG_V6Jw&amp;t=2154s</a>

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

<b>Webinar</b>	Teledentistry	Technology-mediated diagnosis: Paths and Possibilities	<a href="https://www.youtube.com/watch?v=OPPXyVQzww0">https://www.youtube.com/watch?v=OPPXyVQzww0</a> & t = 3475s
<b>Webinar</b>	Patients with special needs	How to care for patients with special needs during the pandemic?	<a href="https://www.youtube.com/watch?v=IS6R86yBO_s&amp;t=1s">https://www.youtube.com/watch?v=IS6R86yBO_s&amp;t=1s</a>



## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

### 9. A table that provides an overview of the type and number of documents that were identified

#### Issues currently being worked through

Safety of the workforce and users- Biosafety
Suspension of elective appointments
Decision making informed by evidence
Resumption of elective appointments
Change in the work process of dentistry in SUS in the face of the pandemic
Dentistry minimal intervention
Teledentistry - Health care mediated by technologies
Screening the patient with mouth cancer in the face of the pandemic
Special patient care in the face of the pandemic

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### **10. How to engage a distributed network of staff and students in completing quality assessments in less than an hour (once reviews have been scheduled and before their profiling in the summary and tables can be finalized)**

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Our group has a good physical infrastructure, with a laboratory and a meeting room, in addition to a project coordination room, however, we only work with volunteer staff and that's a big problem.

Aiming to distribute a network of staff and students in completing quality assessments in less than an hour we have to hire senior researchers and students at different levels, remunerate them for their work, in order to be responsive.

Our network of collaboration with the health system is growing stronger, we have effective and respectful collaborations, despite all the difficulties we face. Our collaborations with other universities in other states are also solid and with the potential for great advances.

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### **II. Where to draw the line for single studies**

1. How to inform decision making to incorporate minimal intervention as a policy in the trans and post-pandemic
2. How to evaluate the process of resuming elective care in different municipalities
3. Assess the cost-effectiveness of teledentistry as an adjunctive tool for health care
4. Monitor oral health indicators
5. Biosafety in Dentistry
6. To evaluate the implementation of the continuing education course program in oral health care in the tobacco program.
7. Evaluate the impact of results on the state smoking control program after the inclusion of the qualification of the dental surgery.

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

## 12. \*COLLABORATION GROUP

\*A special acknowledgement to all the persons that are involved in the design and carrying out of this Rapid Response. A particular thanks goes to Membership of the Collaboration Group, without each person below, this project would not have happened.

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## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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### **Managers**

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## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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Maria Fernanda Tricoli - Oral Health Coordinator of State of São Paulo

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## **Dentists of SUS**

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Desirée Cavalcanti- Dentist oral pathology specialist

Gabriel Oliveira - Dentist in PHC

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To RNP, LAVID, Video for Health (V4H), University of São Paulo/School of Dentistry, Telessaúde Redes UNIFESP, Government of the State of São Paulo.

## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

Tradução, transferência e troca de conhecimento como estratégia para informar a tomada de decisão rápida no sistema de saúde público do estado de São Paulo em face da pandemia de COVID19

**VERSÃO PORTUGUÊS**

## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*



## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### I. Contexto da Pandemia no Brasil e no estado de São Paulo

O Brasil nunca mais será o mesmo depois da COVID19. A história contemporânea da humanidade nunca viveu uma crise das dimensões impostas pelo SARS-COV-2. O mundo do trabalho, o ensino, a economia e o sistema de saúde sofreram transformações rápidas e profundas e que devem permanecer no pós-pandemia (ONU,2020;ONU,2020; Dias,Pinto, 2020).

No contexto de ampliação da disseminação do vírus entre a população, os estudos revelaram que as únicas medidas eficazes de controle de infecção estavam relacionadas aos hábitos individuais. Medidas sanitárias coletivas foram tomadas para garantir a segurança de todos, o que obrigou que formuladores de políticas e “stakeholders” a tomarem decisões difíceis, tais como o fechamento do comércio (São Paulo, 2020), suspensão das aulas presenciais (São Paulo, 2020) e uso obrigatório de máscara (São Paulo, 2020), tais medidas geraram na sociedade conflitos e discussões sobre os limites entre o Direito individual e o Direito coletivo.

Some-se a isso que o Brasil não viveu, desde o início da pandemia, um cenário de comando único, no próprio governo federal havia sérias e profundas divergências entre a ala ideológicas do governo, que negava a existência e gravidade do problema e os técnicos do Sistema Único de Saúde e do Ministério da saúde, que tomavam as decisões pautando-se nas evidências científicas e em consensos internacionais (Lancet, 2020). Por outro lado, no estado de São Paulo, antes mesmo do primeiro caso chegar ao Brasil, criou-se um comitê de enfrentamento da crise sanitária com pesquisadores, sanitaristas e políticos.

A pandemia da COVID19 tirou o maior símbolo da profissão de cirurgião-dentista: o motor de alta rotação e limitou o atendimento em urgência e emergência (ANVISA,2020). Não era mais possível praticar a odontologia de sempre e era urgente que universidade e policy makers pensassem formas de resolver esta situação, a pandemia, no entanto, abriu uma janela de oportunidade, de revermos nossas práticas, inovarmos no cuidado, à medida que colocou em “xeque” o processo de trabalho historicamente construído pela odontologia. Fomos obrigados a, diante da situação real e inevitável da pandemia, ampliar não apenas

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

o objeto da clínica odontológica, ampliar as nossas próprias formas de pensar, ampliar as possibilidades de um CD atuar em um cenário tão complexo e desafiador.

A pandemia foi a crise inesperada que abriu a janela das oportunidades (Kingdon, 2003) e revelou a realidade, que possibilitou a tomada de decisão política e a saúde bucal tem vivido uma inesperada revolução no seu processo de trabalho, que pode ser um novo capítulo da sua história, se soubermos construir seus alicerces com evidência científica e com estreitamento entre as relações do serviço-ensino e comunidade.

The pandemic was the unexpected crisis that opened the window of opportunity and revealed the reality, which enabled political decision making and oral health has experienced an unexpected revolution in its work process, which could be a new chapter in its history, if we know how to build its foundations with scientific evidence and with a closer relationship between service-teaching and community.

Figura 1-Esquema do processo de abertura da janela de oportunidade que possibilitou a mudança no processo de trabalho em saúde bucal no SUS.



Fonte: Elaboração própria

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

### 2. Detalhes da intervenção proposta: Tradução, transferência e troca de conhecimento para possibilitar a implementação das mudanças

**População:** Equipes de saúde Bucal, Gestores de saúde bucal, secretários de saúde dos 645 municípios do estado de São Paulo, divididos em 27 regionais de saúde (Figura 2). São Paulo é o maior e mais rico estado do Brasil, sua área total é de 248 222,362 km<sup>2</sup>, o que equivale a 2,9% da superfície do Brasil, sendo pouco maior que o Reino Unido. Tem cerca de 50 milhões de habitantes e se fosse um país independente, seu PIB nominal poderia ser classificado entre os 20 maiores do mundo.

Figura 2- Mapa do Estado de São Paulo com as regionais de Saúde



Fonte: São Paulo, 2011

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### 3. Intervenção

1. **Março/2020- Revisão Rápida-** para informar a tomada de decisão para subsidiar a tomada de decisão se o estado de São Paulo suspenderia ou não os atendimentos eletivos odontológicos.
2. **Março/2020- Diálogo deliberativo** - com coordenador estadual de saúde bucal + 17 coordenadores (interlocutores) de saúde bucal das regionais de saúde do estado + Núcleo de Evidências da FOUSP- para compreender como o Núcleo poderia colaborar no enfrentamento à pandemia, no contexto da saúde bucal e da atenção primária à saúde do SUS.
3. **Março 26- Decreto:** publicação de resolução suspendendo os atendimentos odontológicos e manutenção dos atendimentos eletivos
4. **Abril 2020- Novo Diálogo deliberativo** para identificar novas demandas e novas deliberações-  
Resultado: Necessidade de educação permanente (tradução e Transferência de conhecimento), especialmente em relação aos novos protocolos de biossegurança e organização do processo de trabalho em tempos de pandemia.
5. **Maio 18 - Webinars ciclo 1-** Início das atividades semanais de tradução do conhecimento e de transferência do conhecimento via Youtube
6. **Maio 20- Diálogos deliberativos semanais-** Início das atividades semanais de troca de conhecimento e de deliberação para construção das normas/protocolos e leis estaduais e municipais-
7. **Junho 01 - Decreto-** Plano estadual de flexibilização da quarentena e necessidade de planejamento para retorno responsável dos atendimentos eletivos- momento de alta tensão
8. **Junho 01- webinars Ciclo 2** (Tradução e transferência de conhecimento) sobre a retomada abordando os temas:
  - a. Odontologia de Mínima Intervenção - restauração atraumática, carióstático, tratamentos ultra conservadores, hall technique.
  - b. Teleodontologia para garantir o cuidado em saúde
9. **Junho 03- Diálogo deliberativo**
  - a. Construção da regulamentação de teleodontologia

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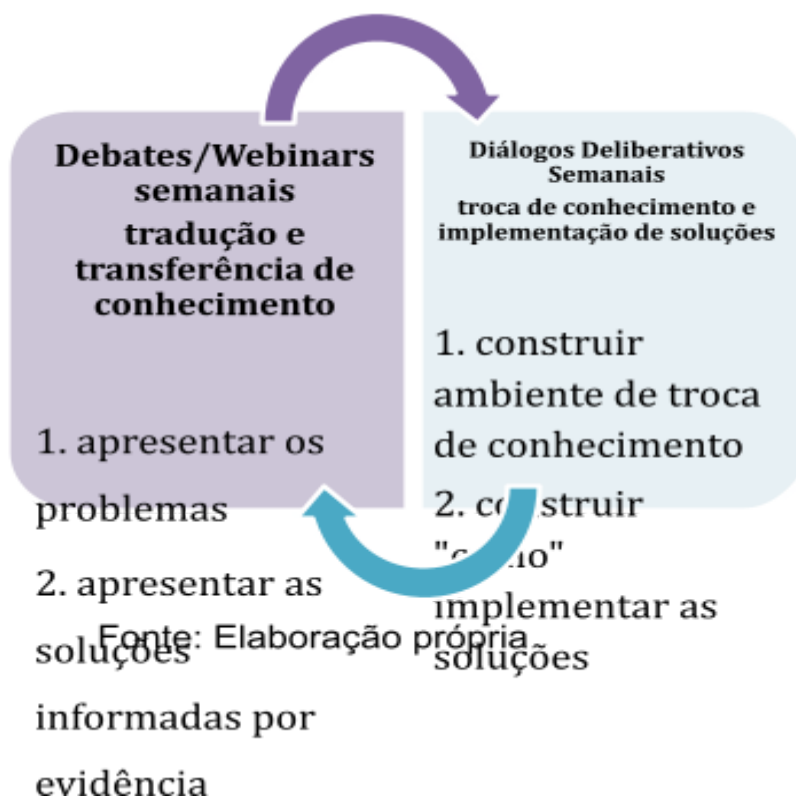
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- b. Construção da regulamentação dos protocolos de retomada dos atendimentos odontológicos respeitando o perfil epidemiológico de cada município- necessidade de decisão local
10. **Junho 04- Decreto- RESOLUÇÃO CFO-226 /2020-** regulamentação teleodontologia no Brasil
  11. **Julho 01- Publicação do protocolo de retomada da atenção básica no estado de São Paulo com os detalhes do atendimento odontológico**
  12. **Estudos primários em banco de dados oficiais-** Quando os municípios iniciaram o processo de retomada dos atendimentos eletivos começou a ficar evidente que o sistema de saúde não conseguiu cuidar dos pacientes com **câncer de boca e de pacientes com necessidade especiais**
  13. **Agosto 06- Publicação paper-** Teledentistry and the Unified Health System: An Important Tool for the Resumption of Primary Health Care in the Context of the COVID-19 Pandemic
  14. **Agosto 12- Diálogo deliberativo-** para definir estratégias de resgatar pacientes com câncer de boca e organizar a rede de cuidado ao paciente oncológico.
    - a. Definição do mês de novembro como mês de prevenção e diagnóstico precoce do câncer de boca
    - b. Organização da rede- Diagnóstico dos nós críticos e resolução dos problemas

Figura 3. Esquema intervenção proposta: Tradução, transferência e troca de conhecimento para possibilitar a implementação das mudanças

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### 3. Focus (detalhes da intervenção e conceituação teórica)

Em 2020, diante da pandemia da COVID 19, o Núcleo estabeleceu um programa de apoio emergencial à tomada de decisão à Coordenação Estadual de saúde Bucal do Estado de São Paulo, iniciado no mês de maio, alicerçado nos conceitos: Tradução do Conhecimento (Knowledge translation- KT); 2. “A transferência de conhecimento (Knowledge transfer- KTransfer); 3. Troca de Conhecimento (Knowledge exchange); 4. Implementação (Graham; Tetroe, 2007; Field et al, 2014; Ferraz; Pereira; Pereira, 2019 )

Como estratégia de transferência rápida de conhecimento e apoio para tomada de decisão e apoio na implementação das estratégias de enfrentamento à pandemia, desenvolvemos debates ao vivo (webinars), usando youtube, sobre temas pertinentes e que eram trazidos por gestores e trabalhadores do SUS. Neste espaço conseguimos estabelecer “tradução e troca de conhecimento”.

De 18 de maio à 21 de Setembro, todas as segundas-feiras à noite, fizemos 20 debates <https://www.youtube.com/c/ObservatorioIberoamericanoPolíticasSa%C3%BAdeBucal/videos> , com pesquisadore(a)s, gestore(a)s e Trabalhadore(a)s das diversas áreas da saúde pública e da Odontologia, afim de estabelecer os marcos teóricos para tomada de decisão informada por evidência, estabelecendo “tradução e transferência de conhecimento”. Essas sessões são públicas e todo o conteúdo pode ser acessado por qualquer usuário da internet.

Após os debates, nos reunimos nos “**Diálogos deliberativos semanais**”, às quartas-feiras, para construirmos espaço de “troca de conhecimento” e estabelecermos espaço de deliberação e construção de planos de “implementação” das mudanças necessárias no processo de trabalho em saúde bucal no estado de São Paulo. De 20 de Maio a 24 de Setembro realizamos 18 encontros, com média de 50 gestores por encontro. Essas reuniões preservam a identidade e o sigilo das informações, portanto seu conteúdo não é divulgado, apenas um resumo é realizado a cada reunião para preservar a memória dos encontros.

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### 4. Durante esses meses de apoio emergencial à tomada de decisão à Coordenação Estadual de saúde Bucal do Estado de São Paulo abordamos os seguintes ciclos:

#### Webinars- ciclo 1. Conhecendo o SARS COV2 e as medidas de biossegurança

1. Aspectos gerais do novo coronavírus de interesse dos dentistas; <https://www.youtube.com/watch?v=JRdulLaQY7E>
2. APS que faz a diferença em tempos de pandemia; [https://www.youtube.com/watch?v=fh\\_AgFyA6KY](https://www.youtube.com/watch?v=fh_AgFyA6KY)
3. Vídeo aula: Biossegurança em Tempos de Covid-19; <https://www.youtube.com/watch?v=P0BEEtOrDSU>
4. Aspectos de biossegurança para a Odontologia no Sistema Único de Saúde; <https://www.youtube.com/watch?v=CDo3JPuVChI&t=46s>
5. Proteção respiratória: como proteger a força de trabalho da saúde em tempos de pandemia? <https://www.youtube.com/watch?v=igpl7J6XgE8>

#### Webinars- ciclo dois. Retomada segura e mudança de processo de trabalho

6. Como retomar a saúde bucal diante da pandemia? <https://www.youtube.com/watch?v=vA0QH0aQ5lg>
7. As possibilidades da Teleodontologia no SUS; <https://www.youtube.com/watch?v=rZK6SExNr2U&t=988s>
8. Ações coletivas e individuais em Odontologia Mediadas por Tecnologias no Sus: Prevenção e Promoção da Saúde; <https://www.youtube.com/watch?v=iOjF6zw97Yc>
9. Aspectos gerais da odontologia com intervenção mínima para a retomada no contexto da APS. <https://www.youtube.com/watch?v=KIOMT0fycc0>
10. Cariologia: Etiologia, diagnóstico e avaliação de risco de acordo com SES/SP; <https://www.youtube.com/watch?v=wiGaYB7d9sk>
11. Os Desafios da Implementação da Intervenção Mínima como Política - <https://www.youtube.com/watch?v=Olh8NX7EYaI>
12. Odontologia com intervenção mínima: ART;



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<https://www.youtube.com/watch?v=PByRcGcJCXQ&t=1364s>

13. Odontologia com mínima intervenção. Tratamento das lesões iniciais - uso de carióstáticos;

[https://www.youtube.com/results?search\\_query=Tratamento+de+les%C3%B5es+iniciais+-+a+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos](https://www.youtube.com/results?search_query=Tratamento+de+les%C3%B5es+iniciais+-+a+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos)

14. Conhecendo as coroas de aço e recapitulando a mínima intervenção

[https://www.youtube.com/watch?v=\\_r53QvH0bd8](https://www.youtube.com/watch?v=_r53QvH0bd8)

15. A pandemia de médio e longo prazo no Brasil, no mundo e a capacidade de resposta do SUS <https://www.youtube.com/watch?v=bAjFq718YEg&t=4529s>

16. O (des) cuidado de pacientes com câncer de boca e a pandemia de COVID19

[https://www.youtube.com/watch?v=Y\\_O6tDUfYMw](https://www.youtube.com/watch?v=Y_O6tDUfYMw)

17. Estratégias no SUS para rastrear pacientes em risco para câncer de boca em tempos de pandemia <https://www.youtube.com/watch?v=74cgFEYuwrw&t=2064s>

18. Apoio em tempos de pandemia e câncer de boca [https://www.youtube.com/watch?v=TY-fuG\\_V6Jw&t=2154s](https://www.youtube.com/watch?v=TY-fuG_V6Jw&t=2154s)

19. Diagnóstico mediado por tecnologia: caminhos e possibilidades <https://www.youtube.com/watch?v=OPPXyVQzww0&t=3475s>

20. Como cuidar de pacientes com necessidades especiais em meio à pandemia?

[https://www.youtube.com/watch?v=IS6R86yBO\\_s&t=1s](https://www.youtube.com/watch?v=IS6R86yBO_s&t=1s)

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### **5. Nome deste produto:**

Modelo de resposta rápida: Tradução, transferência e troca de conhecimento como estratégia para informar a tomada de decisão rápida no sistema de saúde público do estado de São Paulo em face da pandemia de COVID-19.

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### 6. Resumo com links importantes

1. **Revisão Rápida-** Aumentando a segurança do tratamento odontológico durante o COVID-19: uma revisão rápida:  
<https://drive.google.com/file/d/1mtqGFp5CG2chyla9OI7-vCGD2Luz2j1t/view?usp=sharing>
2. **Documento suspedendo tratamentos eletivos:**  
[http://www.saude.sp.gov.br/resources/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603\\_orientacoes\\_bucal\\_coe.pdf](http://www.saude.sp.gov.br/resources/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603_orientacoes_bucal_coe.pdf)
3. **Documento recomendando a retomada dos atendimentos eletivos:**  
file:///F:/2020/teleconsultorias/organizacao\_das\_acoes\_na\_aps\_versao\_2-julho\_2020.pdf or  
<http://www.cosemssp.org.br/noticias/organizacao-das-acoes-na-atencao-primaria-a-saude-no-contexto-da-covid-19/>
4. **Publicação paper-** Teledentistry and the Unified Health System: An Important Tool for the Resumption of Primary Health Care in the Context of the COVID-19 Pandemic: <https://doi.org/10.1590/pboci.2020.155>
- 5.
6. **Extract data:** Dados da falta de cuidado do paciente do câncer de boca no Brasil e no estado de SP:  
<https://drive.google.com/file/d/1dcyHjSlyWrohJXKM2Scno-VYUOZsR12F/view?usp=sharing>
7. **Extract data:** Dados da falta de cuidado do paciente com necessidades especiais no Brasil e no estado de SP
8. **Webinar:** Aspectos gerais do novo coronavírus de interesse dos dentistas;  
<https://www.youtube.com/watch?v=JRdullLaQY7E>
9. **Webinar:** A APS que faz a diferença em tempos de pandemia;  
[https://www.youtube.com/watch?v=fh\\_AgFyA6KY](https://www.youtube.com/watch?v=fh_AgFyA6KY)
10. **Webinar:** Vídeo aula: Biossegurança em Tempos de Covid-19;  
<https://www.youtube.com/watch?v=P0BEEtOrDSU>
11. **Webinar:** Aspectos de biossegurança para a Odontologia no Sistema Único de Saúde; <https://www.youtube.com/watch?v=CDo3JPuVChI&t=46s>

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12. **Webinar:** Proteção respiratória: como proteger a força de trabalho da saúde em tempos de pandemia? <https://www.youtube.com/watch?v=igpl7J6XgE8>
13. **Webinar:** Como retomar a saúde bucal diante da pandemia do COVID-19? <https://www.youtube.com/watch?v=vA0QH0aQ5lg>
14. **Webinar:** As possibilidades da Teleodontologia no SUS; <https://www.youtube.com/watch?v=rZK6SExNr2U&t=988s>
15. **Webinar:** Ações coletivas e individuais em Odontologia Mediadas por Tecnologias no Sus: Prevenção e Promoção da Saúde; <https://www.youtube.com/watch?v=iOjF6zw97Yc>
16. **Webinar:** Aspectos gerais da odontologia com intervenção mínima para a retomada no contexto da APS. <https://www.youtube.com/watch?v=KIOMT0fycc0>
17. **Webinar:** Cariologia: Etiologia, diagnóstico e avaliação de risco segundo SES/SP; <https://www.youtube.com/watch?v=wiGaYB7d9sk>
18. **Webinar:** Os Desafios da Implementação da Intervenção Mínima como Política -<https://www.youtube.com/watch?v=Olh8NX7EYaI>
19. **Webinar:** Odontologia com intervenção mínima: ART; <https://www.youtube.com/watch?v=PByRcGcJcXQ&t=1364s>
20. **Webinar:** Odontologia com mínima intervenção. Tratamento de lesões iniciais - uso de carióstáticos; [https://www.youtube.com/results?search\\_query=Tratamento+de+les%C3%B5es+iniciais+-+a+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos](https://www.youtube.com/results?search_query=Tratamento+de+les%C3%B5es+iniciais+-+a+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos)
21. **Webinar:** Conhecendo as coroas de aço e recapitulando a mínima intervenção [https://www.youtube.com/watch?v=\\_r53QvH0bd8](https://www.youtube.com/watch?v=_r53QvH0bd8)
22. **Webinar:** A pandemia de médio e longo prazo no Brasil, no mundo e a capacidade de resposta do SUS <https://www.youtube.com/watch?v=bAjFq718YEg&t=4529s>
23. **Webinar:** O cuidado (menos) de pacientes com câncer de boca e a pandemia de COVID-19 [https://www.youtube.com/watch?v=Y\\_O6tDUfYMw](https://www.youtube.com/watch?v=Y_O6tDUfYMw)
24. **Webinar:** Estratégias no SUS para rastrear pacientes em risco para câncer de boca em tempos de pandemia <https://www.youtube.com/watch?v=74cgFEYuwrrw&t=2064s>
25. **Webinar:** Apoio em tempos de pandemia e câncer de boca [https://www.youtube.com/watch?v=TY-fuG\\_V6Jw&t=2154s](https://www.youtube.com/watch?v=TY-fuG_V6Jw&t=2154s)
26. **Webinar:** Diagnóstico mediado por tecnologia: caminhos e possibilidades <https://www.youtube.com/watch?v=OPPXYVQzww0&t=3475s>

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27. **Webinar:** Como cuidar de pacientes com necessidades especiais em meio à pandemia? [https://www.youtube.com/watch?v=IS6R86yBO\\_s&t=1s](https://www.youtube.com/watch?v=IS6R86yBO_s&t=1s)

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7. Tabela que lista todos os documentos que tratam da questão, organizados por tipo de documento e ordenados por relevância para a questão e para a COVID-19 (com hiperlink sempre que possível e sinalizado como disponível mediante solicitação quando não houver hiperlink disponível)

Quadro 1-

Document Type	Question	COVID relevance	Hyperlink
<b>Rapid Review</b>	Biossegurança	Com a COVID todos os protocolos de biossegurança na odontologia foram readaptados, para evitar contaminação dos profissionais e pacientes	<a href="https://drive.google.com/file/d/1mtqGFp5CG2chyIa9OI7-vCGD2Luz2j1t/view?usp=sharing">https://drive.google.com/file/d/1mtqGFp5CG2chyIa9OI7-vCGD2Luz2j1t/view?usp=sharing</a>
<b>Lei/ decreto</b>	<b>Documento suspendo tratamentos eletivos:</b>	Após revisão rápida e diálogo deliberativos observamos: Falta de equipamentos de proteção individuais Alto risco de contaminação dos	<a href="http://www.saude.sp.gov.br/recursos/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603">http://www.saude.sp.gov.br/recursos/cve-centro-de-vigilancia-epidemiologica/areas-de-vigilancia/doencas-de-transmissao-respiratoria/coronavirus/covid2603</a>

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		<p>profissionais</p> <p>Necessidade lockdown e diminuição de pessoas nas ruas</p> <p>Necessidade de usar a força de trabalho da equipe de saúde bucal no fast track da pandemia</p>	<p><a href="#">orientacoes_bucal_coe.pdf</a></p>
<p><b>Lei/decreto</b></p>	<p><b>Documento recomendando a retomada dos atendimentos eletivos</b></p>	<p>Após acompanhamento de indicadores de saúde e diálogos deliberativos semanais, observamos:</p> <p>Estoque suficiente de equipamentos de proteção individuais</p> <p>Treinamento da força de trabalho e definição de protocolos de biossegurança (webinars e manuais)</p> <p>Indicadores de saúde alarmantes</p>	<p><a href="#">Conselho de Secretários Municipais de Saúde do Estado de São Paulo</a></p>

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		sobre câncer boca e pacientes com necessidades especiais	
<b>Análise das possibilidades para SUS - Paper</b>		A Teleodontologia e o Sistema Único de Saúde: uma ferramenta importante para a retomada da Atenção Primária à Saúde no Contexto da Pandemia da COVID-19:	<a href="http://revista.uepb.edu.br/index.php/pboci/article/view/5714/pdf">http://revista.uepb.edu.br/index.php/pboci/article/view/5714/pdf</a>
<b>Extract data-Paper</b>	Análise de dados secundários	O sistema de saúde deixou de fazer diagnóstico de câncer de boca nos primeiros meses de pandemia	<a href="https://drive.google.com/file/d/1dcyHjSlyWrohJXKM2Scno-VYUOZsR12F/view?usp=sharing">https://drive.google.com/file/d/1dcyHjSlyWrohJXKM2Scno-VYUOZsR12F/view?usp=sharing</a>
<b>Extract data</b>	Análise de dados secundários	O sistema de saúde deixou de cuidar dos pacientes com necessidades especiais nos primeiros meses de pandemia	drive



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<b>Webinar</b>	Coronavírus	Aspectos gerais do novo coronavírus de interesse dos dentistas	<a href="https://www.youtube.com/watch?v=JRdulLaQY7E">https://www.youtube.com/watch?v=JRdulLaQY7E</a>
<b>Webinar</b>	APS	A APS que faz a diferença em tempos de pandemia	<a href="https://www.youtube.com/watch?v=fh_AgFyA6KY">https://www.youtube.com/watch?v=fh_AgFyA6KY</a>
<b>Webinar</b>	Biossegurança	Vídeo aula: Biossegurança em tempos de Covid-19	<a href="https://www.youtube.com/watch?v=P0BEEtOrDSU">https://www.youtube.com/watch?v=P0BEEtOrDSU</a>
<b>Webinar</b>	Biossegurança	Proteção respiratória: como proteger a força de trabalho da saúde em tempos de pandemia?	<a href="https://www.youtube.com/watch?v=igpl7J6XgE8">https://www.youtube.com/watch?v=igpl7J6XgE8</a>
<b>Webinar</b>	Atenção em saúde bucal	Como fica a saúde bucal diante da pandemia do COVID 19? saúde diante da	<a href="https://www.youtube.com/watch?v=vA0QH0aQ5lg">https://www.youtube.com/watch?v=vA0QH0aQ5lg</a>

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		pandemia do COVID 19?	
<b>Webinar</b>	Teleodontologia	As possibilidades da Teleodontologia no SUS;	<a href="https://www.youtube.com/watch?v=rZK6SExNr2U&amp;t=988s">https://www.youtube.com/watch?v=rZK6SExNr2U&amp;t=988s</a>
<b>Webinar</b>	Teleodontologia Ações coletivas e individuais Prevenção e Promoção da Saúde	Ações coletivas e individuais em Odontologia Mediadas por Tecnologias no Sus: Prevenção e Promoção da Saúde	<a href="https://www.youtube.com/watch?v=iOjF6zw97Yc">https://www.youtube.com/watch?v=iOjF6zw97Yc</a>
<b>Webinar</b>	mínima intervenção APS	Aspectos gerais da odontologia com intervenção mínima para a retomada no contexto da APS.	<a href="https://www.youtube.com/watch?v=KIOMT0fycc0">https://www.youtube.com/watch?v=KIOMT0fycc0</a>
<b>Webinar</b>	Cariologia	Cariologia: Etiologia, diagnóstico e avaliação de risco	<a href="https://www.youtube.com/watch?v=wiGaYB7d9sk">https://www.youtube.com/watch?v=wiGaYB7d9sk</a>

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Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

		de acordo com SES/SP	
<b>Webinar</b>	Mínima Intervenção como Política	Os Desafios da Implementação da Intervenção Mínima como Política	<a href="https://www.youtube.com/watch?v=OIh8NX7EYal">-https://www.youtube.com/watch?v=OIh8NX7EYal</a>
<b>Webinar</b>	Restauração Atraumática	Odontologia de mínima intervenção: ART;	<a href="https://www.youtube.com/watch?v=PByRcGcJCXQ&amp;t=1364s">https://www.youtube.com/watch?v=PByRcGcJCXQ&amp;t=1364s</a>
<b>Webinar</b>	cariostático	Odontologia com mínima intervenção. Tratamento das lesões iniciais - uso de cariostáticos;	<a href="https://www.youtube.com/results?search_query=Tratamento+de+les%C3%B5es+iniciais+-+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos">https://www.youtube.com/results?search_query=Tratamento+de+les%C3%B5es+iniciais+-+utiliza%C3%A7%C3%A3o+de+cariost%C3%A1ticos</a>
<b>Webinar</b>	coroas de aço Conhecendo as coroas de aço e recapitulando a	Conhecendo as coroas de aço e recapitulando a	coroas de aço Conhecendo as coroas de aço e recapitulando a

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Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

	mínima intervenção	mínima intervenção	mínima intervenção
<b>Webinar</b>	Efeitos da pandemia	A pandemia de médio e longo prazo no Brasil, no mundo e a capacidade de resposta do SUS	<a href="https://www.youtube.com/watch?v=bAjFq718YEg&amp;t=4529s">https://www.youtube.com/watch?v=bAjFq718YEg&amp;t=4529s</a>
<b>Webinar</b>	Câncer de Boca	O (des) cuidado de pacientes com câncer de boca e a pandemia de COVID19	<a href="https://www.youtube.com/watch?v=Y_O6tDUfYMw">https://www.youtube.com/watch?v=Y_O6tDUfYMw</a>
<b>Webinar</b>	Rastreamento de Câncer de Boca	Estratégias no SUS para rastrear pacientes em risco para câncer de boca em tempos de pandemia	<a href="https://www.youtube.com/watch?v=74cgFEYuwrv&amp;t=2064s">https://www.youtube.com/watch?v=74cgFEYuwrv&amp;t=2064s</a>
<b>Webinar</b>	Câncer de Boca	Apoio em tempos de pandemia e câncer de boca	<a href="https://www.youtube.com/watch?v=TY-fuG_V6Jw&amp;t=2154s">https://www.youtube.com/watch?v=TY-fuG_V6Jw&amp;t=2154s</a>

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

<b>Webinar</b>	Teleodontologia	Diagnóstico mediado por tecnologia: caminhos e possibilidades	<a href="https://www.youtube.com/watch?v=OPPXyVQzwv0&amp;t=3475s">https://www.youtube.com/watch?v=OPPXyVQzwv0&amp;t=3475s</a>
<b>Webinar</b>	pacientes com necessidades especiais	Como cuidar de pacientes com necessidades especiais em meio à pandemia?	<a href="https://www.youtube.com/watch?v=IS6R86yBO_s&amp;t=1s">https://www.youtube.com/watch?v=IS6R86yBO_s&amp;t=1s</a>

Fonte: Elaboração própria

## RAPID-RESPONSE MODEL

Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil

### 8. Tabela que fornece uma visão geral do tipo e número de documentos que foram identificados

Tipo de análise	Abordagem usada para capturar evidências e insights	
	Análise documental	Entrevistas
Análise de política	Síntese das melhores evidências de pesquisa disponíveis de revisões sistemáticas e estudos primários (por exemplo, benefícios, danos e custos de opções de políticas)	Identificar insights das principais partes interessadas cujos pontos de vista já foram capturados em relatórios de literatura cinzenta não indexados em bancos de dados online
Análise de sistema	Análise de documentos de políticas (por exemplo, legislação/regulamentação) e outras fontes (por exemplo, dados locais) que fornecem informações e contexto sobre como funcionam as principais partes de um sistema de saúde ou social	Identificar insights de informantes-chave sobre como as partes-chave de um sistema de saúde ou social funcionam e opções para fazer as coisas de maneira diferente

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

Análise de políticas	Análise de documentos de políticas (por exemplo, discursos do trono e plataformas de partidos políticos) e outras fontes (por exemplo, sites de partes interessadas) para identificar fatores que podem afetar a definição da agenda do governo e os processos de tomada de decisão	Identificar insights de informantes-chave sobre fatores políticos que podem afetar a definição da agenda do governo e os processos de tomada de decisão
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## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### 9. Questões atualmente sendo trabalhadas

Quadro 2-

<b>Segurança da força de trabalho e dos usuários- Biossegurança</b>
<b>Suspensão dos atendimentos eletivos</b>
<b>Tomada de decisão informada por evidência</b>
<b>Retomada dos atendimentos eletivos</b>
<b>Mudança no processo de trabalho da odontologia no SUS em face da pandemia</b>
<b>Odontologia de Mínima intervenção</b>
<b>Teleodontologia - Cuidado em saúde mediado por tecnologias</b>
<b>Rastreamento do paciente com câncer de boca em face da pandemia</b>
<b>Cuidado do paciente especial em face da pandemia</b>

Fonte: Elaboração Própria



## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

**Como envolver uma rede distribuída de funcionários e alunos na conclusão de avaliações de qualidade em menos de uma hora (uma vez que as revisões tenham sido priorizadas e antes que seu perfil no resumo e nas tabelas possa ser finalizado)**

Nosso grupo possui boa infraestrutura física, com um laboratório e uma sala de reuniões, além de uma sala da coordenação no projeto, entretanto trabalhamos apenas com staff de voluntários e este é nosso grande problema.

**envolver uma rede distribuída de funcionários e alunos na conclusão de avaliações de qualidade em menos de uma hora temos que contratar pesquisadores seniors e estudantes dos diversos níveis, remunerá-los por seu trabalho, a fim de ter agilidade nas respostas.**

A nossa rede de colaboração com o sistema de saúde está cada vez mais forte, temos colaborações efetivas e respeitadas, apesar de todas as dificuldades que enfrentamos. Nossas colaborações com outras universidades de outros estados também é sólida e com potencial de grandes avanços.

## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

### **I0. Oportunidade de estudos primários a partir desta resposta rápida:**

1. Como informar a tomada de decisão para incorporar a mínima intervenção como política no trans e pós pandemia
2. Como avaliar o processo de retomada dos atendimentos eletivos nos diversos municípios
3. Avaliar custo efetividade da teleodontologia como ferramenta adjuvante de cuidado em saúde
4. Monitorar indicadores de saúde bucal
5. Biossegurança na Odontologia

## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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## RAPID-RESPONSE MODEL

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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## **RAPID-RESPONSE MODEL**

*Translation, transfer and exchange of knowledge as a strategy to inform rapid decision-making in the public health system of the state of São Paulo due to the COVID-19 pandemic- EvipOralHealth/ Brazil*

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