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The Benefits of Teledentistry during the COVID-19 Pandemic: Scoping Review

Caesary Cloudya Panjaitan¹*, Sri Lestari², Marta Juslily³

^{1, 2, 3}Department of Public Health and Preventive Dentistry, Faculty of Dentistry, Trisakti University, Indonesia Jl. Kyai Tapa, No. 1, RT.5/RW.9, Tomang, Grogol Petamburan, Jakarta Barat 11440
*Email: caesary[at]trisakti.ac.id, srilestari[at]trisakti.ac.id, marta[at]trisakti.ac.id

Abstract: The COVID-19 pandemic has an effect on all health workers, including dentists. Dental treatment has been established to be a key source of transmission due to aerosols and droplets. Teledentistry was a combination of telecommunications and dentistry as a device for faraway treatment plans and consultation. Implementing teledentistry in dental practice can improve dental health services during the COVID-19 pandemic. The purpose of this study is to find out the benefits of teledentistry during the Covid-19 pandemic. In the scoping review, the articles search on Pubmed and Proquest, published in 2020-2021. Eighteen articles were selected and included in the final screening. Based on 18 articles show that teledentistry has many benefits in dental health services and may be very useful during the COVID-19 pandemic.

Keywords: Benefits, Covid-19, Teledentistry.

1. Introduction

Background

The COVID-19 pandemic declared through WHO has affected all medical experts, including dentists.¹Dentist is considered a high-risk profession because the virus spreads in the air during dental procedures.²Dental treatment has been established to be a key of transmission due to aerosols and droplets infected with microorganisms. During the COVID-19 pandemic, limiting visits to the dentist is one of the various transmission prevention. Telehealth is one of the uses of technology in today's communication field, especially in the health sector. Hospital has widely used and trusted telehealth as communication tools with patients. One type of telehealth that combination of telecommunications and dentistry is teledentistry.³ Telehealth and teledentistry have been known and appreciated as tools in minimizing the risk of increasing the spread of the COVID-19 virus.⁴

The situation of the COVID-19 pandemic is not ending soon in some countries and is having a significant impact on dental care. This is because, in dental practice, the treatment procedures provided by dentists are carried out using close examinations with patients. Many dental procedures produce aerosols, droplets, splashes that are contaminated with bacteria, viruses, and blood so that it can cause the spread of infection globally quickly go to the dentist or other people in the clinic room.^{5,6} There is a need for innovations from dental practice so that dental and oral care procedures can be continued by decreasing the risk of cross-infection between dentists and patients, one of which is implementing teledentistry in daily dental practice. Teledentistry can improve the quality and efficiency of dental and oral health services for the community during the COVID-19 pandemic. It provides convenience for patients who live in rural areas and still have difficulty or cannot reach health facilities.⁷ The purpose of this study is to find out the various benefits of teledentistry during the Covid-19 pandemic.

Teledentistry

Teledentistry is a combination of telecommunications and dentistry as a tool for remote consultation and treatment planning with the help of exchanging clinical information and images. "teledentistry" is defined as video conferencing technology to diagnose and provide remote consultation. Teledentistry was first developed in 1994 as a service started by the US military to serve The United States troops worldwide. With the development of technology, new opportunities for teledentistry are increasing currently continue alternatethe dental to flow.8Teledentistry can improve access to dental services to eliminate disparities between rural and urban people. This can help people get specialized health care even in remote parts of the world due to advances in telecommunications. The use of teledentistry for consultation provides the benefit of conducting a diagnosis, treatment plan, and discussion by sending patient clinical photos and Rontgen images.^{8,9}

Teledentistry can be applied in several methods, such as Real-Time consult, Store-and-Forward method, Remote Monitoring method, and Near-Real-Time method. Real-Time VideoConsultation, which is done in person, includes video conferencing consultations where dental health workers and their patients in different areas communicate with others. The Store-and-Forward method involves exchanging clinical information, then static images are collected and stored by dentists and can be used for treatment plans.9 The third method, namely the Remote Monitoring Method, is where patients are monitored by using a remote than can be done in the hospital or at home. Dentists can send patient statues such as anamnesis, diagnosis, clinical and radiographs image, periodontal and hard tissues statue, lab results, comments, photos, and other information by multiple providers. Sharing data is necessary for patients who need specific consultation with specialists.9

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This pandemic creates a challenge for dental ethics. "To treat or not to treat" is a big question that many dentists face. The Centers for Disease Control and Prevention (CDC) US stipulates emergency cases only are treated. The handling of these cases must also apply health protocols so that patients and dentists avoid transmission of COVID-19.¹⁰

The protocol must be applied before coming to the dentist. Patients who have to go to the dental practice must first be screened by telephone. Then, the patient will be taken anamnesis related to his medical history and complaints that the patient feels, especially the symptoms that eliminate the possibility of the patient suffering from COVID-19 disease. Patients with severe symptoms can be given analgesics to relieve the discomfort. In addition, if there will be patients who come, everything non-essential as dental models and pamphlets should be removed because they are considered a risk factor for transmission.¹¹

2. Methods

A search was performed on Pubmed and Proquest. Studies published from 2020-2021. Terms and keywords used for the search: "Teledentistry and "COVID-19", or each of the searching, the titles and abstracts were screened, the full-text versions of articles that met criteria were downloaded.

The flowchart in Figure 1 identifies the included and excluded articles at each stage. 100 were assessed in Pubmed and 55 in Proquest. 149 records screened after

duplicates removed, 76 references excluded, 73 full-text articles assessed for eligibility, and 18 full-text articles included.

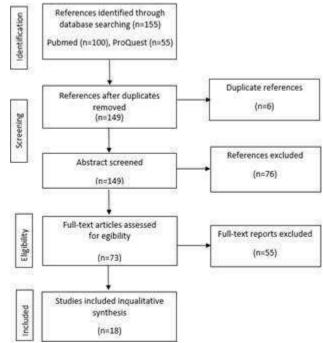


Figure 1: PRISMA chart: a flow chart describing the search methodology and numbers of articles included/excluded at each stage.

3. Results

An online search based on the specified keywords returned 155 records. After filtering the data, 149 articles were obtained discussed the benefits of teledentistry during the COVID-19 pandemic. Then, the articles were assessed for eligibility, 18 articles were found that met the criteria.

Table 1: Teledentistry's article during the COVID-19

No	Author	Year	Title	Conclusion
1	Al-Khalifa K, AlSheikh R, Al-Swuailem A, Alkhalifa M, Al-Johani M, Al- Moumen S et al ¹²	2020	Pandemic preparedness of dentists against coronavirus disease: A Saudi Arabian Experience	Teledentistry allows telescreening, during the COVID-19 pandemic before the patient visits the dentist to reduce direct contact.
2	Yang Y, Zhou Y, Liu X, Tan J, ⁶	2020	Health services provision of 48 public tertiary dental hospitals during the COVID-19 epidemic in China	There is a significant increase in the use of teledentistry in Chinese hospitals, making it a means of consultation, screening for COVID-19, and providing education for patients.
3	Al-Khalifa K, AlSheikh R ⁷	2020	Teledentistry awareness among dental professionals in Saudi Arabia	Teledentistry improves practice performance by efficient time management, reduces costs, benefits patients, especially those in remote locations. Teledentistry avoids relatively long trips to the dental clinic. Teledentistry is also done in monitoring and educating patients.

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4	Meisha D, Alsolami A, Alharbi G ¹³	2021	Social determinants of seeking emergency and routine dental care in Saudi Arabia during the COVID-19 pandemic	The use of teledentistry during the COVID- 19 pandemic to ensure continuity of dental care and efforts to avoid direct physical contact between dentists and patients.
5	Rahman N, Nathwani S, Kandiah T ³	2020	Teledentistry from a patient perspective during the coronavirus pandemic	Teledentistry is beneficial for patients in saving time to facilitate early access to care for patients. Meanwhile, health workers will reduce emergency unit visits.
6	Plaza-Ruiz S, Barbosa-Liz D, Agudelo-Suárez A ²	2021	Impact of COVID-19 on the Knowledge and Attitudes of Dentists toward Teledentistry	Teledentistry is done in establishing diagnosis and treatment, planning appointments with patients, providing dental and oral health education, advising on emergencies, providing easier access to preventive dental and oral care, and being able to consult specialists for patients in the rural areas and areas with limited access to health.
7	Ostre T, Pavlović K, Fidler A ⁵	2020	Urgent dental care on a national level during the COVID-19 epidemic	Teledentistry is used in first-level triage to reduce contact between medical personnel and patients. Consultations made via telephone calls and pictures taken by the patient can be used to determine the severity and determine immediate treatment.
8	Byrne E, Watkinson S ¹⁴	2020	Patient and clinician satisfaction with video consultations during the COVID-19 pandemic: an opportunity for a new way of working	Teledentistry helps doctors determine whether the patient needs further treatment through remote consultation. During the COVID-19, virtual clinics allow remote work. Consultation as communication between doctors and patients can be applied every day.
9	Abdulwahab M, Kamal M, AlAli A, Husain Y, Safar M ¹⁵	2021	Knowledge and Perceptions of COVID-19 Among Health Care Professionals, Medical Students, and Dental Students in the GCC Region: A Cross-Sectional Correlational Study	The role of teledentistry during the COVID- 19 pandemic is to help facilitate the assessment and triage of patients to minimize direct contact.
10	Muniz I, Campos D, Shinkai R, Trindade T, Cosme-Trindade D ¹⁶	2021	Case report of oral mucosa garlic burn during COVID- 19 pandemic outbreak and role of teledentistry to manage oral health in an older adult woman	Teledentistry during the COVID-19 pandemic is in the form of patient support and monitoring, including initial consultation and follow-up to complete case resolution.
11	O'Donovan M, Buckley C, Benson J, Roche S, McGowan M, Parkinson L et al ¹⁷	2020	Telehealth for delivery of haemophilia comprehensive care during the COVID-19 pandemic	Teledentistry allows identification of urgent dental problems with intraoral photographs using mobile phones and improves access to care after the pandemic is over

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12 Wallace C, Schofield C, Role of teledentistry in Teledentistry helps improvise patient care, Burbridge L, O'Donnell K18 paediatric dentistry reduce patient waiting lists, and reduce face-to-face attendance during the COVID-19 pandemic. Applications in pediatric dentistry include advice on prevention, assessment dental development, medication, TMJ disorders, patients with additional social needs, implications for parents/guardians, and patients and medicolegal implications. 13 Vanka S, Jan A, Alhazmi S, 2020 Barriers of Dental Services The role of technology such as teledentistry Utilization During COVID-Alsubhi B, Allehyani R, can be used to connect dental practitioners Wali O et al 19 19 Pandemic with patients. provides teleconsultation, 14 Abbas B, Wajahat M, 2020 Role of Teledentistry in Teledentistry Saleem Z, Imran E, Sajjad COVID - 19 Pandemic: A telediagnosis, telemonitoring, and teletriage M, Khurshid Z20 Nationwide Comparative to prevent the spread of COVID-19. Analysis among Dental Professionals 15 Giudice S. 2020 Can Teledentistry Improve Remote consultation can be done between Α. Barone medical personnel or between doctors and Muraca D, Averta F the Monitoring of Patients Diodati F, Antonelli A et al4 during the Covid-19 patients. Patients can avoid going to the Dissemination? dental clinic without an effective indication, Descriptive Pilot Study limiting doctor-patient contact, and between patients in the waiting room. Teledentistry is used to surgical and nonsurgical monitor patients remotely, reducing costs and patient waiting time. Pharande S, Bhor K, Potnis 2020 16 Dentistry Beyond Based on the patient's signs and symptoms, Lockdown: S, Jamenis S, Vinay V, a decision can be made to see whether the Oral patient should come to the dentist's clinic or Karnik S21 Healthcare Practitioner's not. Therefore, teledentistry can be a tool Perceptions towards Novel Coronavirus (COVID-19) during the pandemic and a sign of delay for elective procedures. 17 Arqub S, Voldman R, 2021 Patients' Tele-orthodontics is one of the tools to perceptions Ahmida A, Kuo C, Godoy orthodontic continue orthodontic treatment during the treatment L, Nasrawi Y et al²² experiences during COVIDpandemic and can be a tool in the future for an orthodontic practice. 19: a cross-sectional study 2020 18 Teledentistry is used in detention centers for Inquimbert C, Balacianu I, Applications Huyghe N, Pasdeloup J, teledentistry in a French initial examination and diagnosis. Tramini P, Meroueh F et inmate population: A oneal.23 year observational study

4. Discussion

Teledentistry can be done via mobile phones, sending emails or messages, video chatting, and give many benefits in dentistry.17,24 Teledentistry can assist dentists in screening patients for COVID-19 to avoid contact with patients who can infect staff and other patients in the clinic or hospital. This can be done using a questionnaire administered online before the patient visits the dental clinic.^{6,22}

The use of teledentistry during the COVID-19 pandemic can make it easier for patients to consult with dentists so that patients can be immediately evaluated and a further treatment plan determined. 4,16,18,19,22Teledentistry can also

be used as an educational tool that can be given by dentists in the form of diseases that may exist in the oral cavity to maintain healthy teeth and mouth during the COVID-19 pandemic, such as brushing the teeth and gargles to reduce the COVID-19 virus. ^{5,15,18,20,21}

Teledentistry also makes it easier for everyone in rural or urban areas to need dental and oral care. Patients living in remote areas face problems, such as limited treatment, lack of equipment, and lack of medical personnel. Through teledentistry, people living in remote areas can get consultations and advice regarding the patient's complaints. 3,7,18,24

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Teledentistry allows triage of care based on the patient's condition. Patients who need emergency treatment will be prioritized to come to the dentist. Dental care places dentists at high risk for infection during the COVID-19 pandemic. Therefore, it is better to postpone non-emergency dental treatment to reduce face-to-face contact between dentist and patient. In addition, teledentistry can reduce crowds in the practice area to reduce unnecessary exposure.⁵

Teledentistry is useful in diagnosing and treating oral lesions, providing easier access to preventive dental and oral care, and consulting specialists. During the COVID-19 pandemic era, teledentistry was important to complement the limited dental care system during the pandemic. Patients can take a complete history without visiting the dentist. Take photos of the condition of the patient's oral cavity. 18,20,25

Teledentistry can improve education in dentistry. It is impossible for dental students or dental practitioners can't do something during a pandemic. This situation supports dental students in developing their cognitive abilities and exposing themselves to developments in dentistry. In addition, the lecture system, which should be face-to-face in person, now we can do it online with live sessions so that students can still interact with their lecturers while being recorded or with materials that have been recorded. This helps students learn more because materials can be played repeatedly.^{2,6}

Dental students can also do exercises to analyze patient cases with problem-solving. In addition, during the COVID-19 pandemic, dental students and dentists must have knowledge of COVID-19 screening for patients, more stringent infection prevention, and control measures in practice. 15,25

Dentists can provide patients undergoing radio and/or chemotherapy through teledentistry. Dentists can also motivate and re-emphasize oral hygiene measures. Dentists can monitor the progress of the patient's condition virtually after treatment in periodical control form to see the progress of treatment results. Teledentistry can monitor the child's dental development and other developmental such as neonatal/natal teeth and malocclusion that can be done via video calls. 6,14,18

5. Conclusion

The benefit of teledentistry during this pandemic aims to facilitate consultation and provide opportunities for a diagnosis and treatment planning, as well as sharing clinical and radiographic images of patients among dentists, minimizing the risk of cross-infection between dentists and patients, as well as providing dental health services and mouth for people living in rural areas who still have difficulty or even cannot reach health facilities.

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by Caesary Cloudya Panjaitan FKG

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"Caesary Cloudya Panjaitan*, "Lia Hapsari, "Sri Lestari, "Marta Juslily, "Mita Juliawati "Department of Public Health and Preventive Dentistry, Faculty of Dentistry, Trisakti University, Indonesia Jl. Kyai Tapa, No. 1, RT.5/RW.9, Tomang, Grogol Petamburan, Jakarta Barat 11440

'email: caesary@trisakti.ac.id. lla@trisakti.ac.id. srilestari@trisakti.ac.id. marta@trisakti.ac.id. mita@trisakti.ac.id

ABSTRACT

The COVID—19 pandemic has an effect on all health workers, including dentists. Dental treatment has been established to be a key source of trunsmission due to aerosols and droplets. Teledentistry was a combination of telecommunications and dentistry as a device for faraway treatment plans and consultation. Implementing teledentistry in dental practice can improve dental health services during the COVID-19 pandemic. The purpose of this study is to find out the benefits of teledentistry during the Covid-19 pandemic. In the scoping review, the articles search on Pubmed and Proquest, published in 2020-2021 stigligen articles were selected and included in the final screening. Based on 18 articles show that teledentistry has many benefits in dental health services and may be very useful during the COVID-19 pandemic.

Keywords: Benefits, Covid-19, Teledentistry.

INTRODUCTION

Background

The COVID-19 pandemic declared through WHO has affected all medical experts, including dentists. Dentist is considered a high-risk profession because the virus specids in the air during dential procedures. Dential treatment has been established to be a key of transmission due to acrosols and droplets infected with microorganisms. During the COVID-19 pandemic, limiting visits to the dentist is one of the various transmission prevention. Telehealth is one of the uses of technology in today's communication field, especialty in the description of telecommunications and trusted telehealth as communication tools with patients. One type of telehealth that combination of telecommunications and dentistry is teledeptistry. Telehealth and teledentistry have been known and appropriately as tools in minimalization the risk of increasing the spread of the COVID-19 virus.

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Article Error (68)

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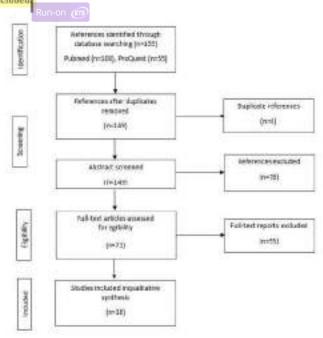


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4	Meisha D. Alsolami A. Alharbi G ¹³	2021	Social determinants of seeking emergency and routine dental cure in Smalt Arabia during the COVID-19 pardemic	The use of teledentistry during the COVID- 19 pandemic to ensure continuity of dental care and effons to avoid direct physical contact between dentists and patients.
5	Rahman N, Nathwani S, Kandiah T ³	2020	Teledentistry from a petient perspective during the curvacutrus pandante	Teledentistry is beneficial for patients in saving time to facilitate early access to one for patients. Meanwhile, health workers will reduce emergency unit visits.
6	Plaza-Rutz S, Barbosa-Liz D, Agudelo-Suirez A ²	2021	Impact of COVID-19 on the Knowledge and Attitudes of Dentists toward Teledostistry	Teledentistry is done in establishing diagnosis and treatment, planning appointments with patients, providing dental and oral health education, advising on emergencies, providing easier access to preventive dental and oral care, and being able to constalt specialists for patients in the rural areas and areas with limited access to health.
7	Ostre T. Pavlovič K., Fidler A ³	2020	Urgent donad cure on a national level during the COVID-19 epidemic	Toledestistry is used in first-level triage to redece contact between medical personnel and patients. Consultations made via telephone calls and pictures taken by the patient can be used to determine the severity and determine immediate treatment.
8	Byrne E, Werkinson S ¹⁶	2020	Patient and clinicum savisfaction with video consultations during the COVID-19 pendemic on opportunity for a new way of working	Teledentistry helps doctors determine whether the patient needs further treatment through remote consultation. During the COVID-19, virtual clinics allow remote work. Consultation as communication between doctors and patients can be applied every day.

g	Abdalwahab M, Kamal M, AlAli A, Husain Y, Safar M ²⁸	2021	Knowledge and Perceptions of COVID-19 Among Health Care Professionals, Medical Students, and Dental Students in the GCC Region: A Cruss-Sectional Correlational Study	The role of seledentistry during the COVID- 19 pandemic is to help facilitate the assessment and triage of patients to minimize direct contact.
10	Muniz L Campos D. Shinkai R, Trindade T, Cosmo-Trindade D ¹¹	2021	Case report of oral nuccess garlic burn during COVID- 19 pandemic nusbreak and role of teletonistry to manage oral health in an older adult woman	Teledentistry during the COVID-19 punderate is in the form of putient support and monitoring, including initial consultation and follow-up to complete case resolution.
1)	O'Donovan M, Buckley C, Benson J, Roche S, McGowan M, Parkinson L et al. ¹⁷	2020	Telehealth for delivery of huemophilia compreheneive care during the COVID-19 pandemic	Teledentistry allows identification of urgent dental problems with intraoral photographs using mobile phones and improves access to care after the pandernic is over.
12	Wallace C. Schoffeld C. Rurbridge L. O'Donnell K ¹⁸	2021	Role of teledentistry in pacificarie domining	Teledentistry helps improvise patient care, roduce patient uniting lists, and roduce face to face attendance during the COVID-19 pandemic. Applications in pediatric dentistry include advice on prevention, assessment dental development, and medication. TMJ disorders, patients with additional social needs, implications for patients and patients-guardians, and medicologal implications.
13	Vanka S, Jan A, Alhazmi S, Alsubhi B, Allehyani R, Wali O et al ¹⁰⁸	2020	Barriers of Dental Services Utilization During COVID- 19 Pandemic	The role of technology such as teledeatistry can be used to connect dental practitioners with patients.
14	Abbas B, Wajahat M, Saleem Z, Imran E, Sajjad M, Khurshid Z ^{ir}	2020	Role of Teludentistry in COVID - 19 Pandemie: A Nationwide Comparative Analysis among Dental Professionals	Teledentistry provides telecossultation, telediagnosis, telemonitoring, and teletriage to prevent the spread of COVID-19.
15	Giudice A, Barone S, Munica D, Averta F, Diodati F, Antonelli A et al ^e	2020	Can Teledentistry Improve the Monitoring of Patients during the Conid-19 Dissemination? A Descriptive Pilot Study	Remote consultation can be done between medical personnel or between doctors and patients: Patients can avoid going to the dental clinic without an effective indication, limiting doctor-patient contact, and between patients in the waiting from Teledentistry is used to surgical and noncorgical monitor patients remotely, reducing costs and patient waiting time.
16	Pharande S, Bhor K, Potnis S, Jamenis S, Vinay V, Karnik S ²⁰	2020	Dentistry Beyond Lockdown: Ord Healthcare Practitioner's Perceptions towards Nevel Coronwiess (COVD-19)	Based on the patient's signs and symptoms, a decision can be made to see whether the patient should come to the dentist's clinic or not. Therefore, teledentistry can be a tool during the pundence and a sign of delay for elective procedures.

17	Acqub. S, Voldman R, Ahmida A, Kuo C, Godoy L, Nasrawi Y et al ²²	2021	orthodentic treatment	Tele-orthodontics is one of the tools to continue orthodontic treatment during the pandemic and can be a tool in the future for an orthodontic practice.
18	Inquimbert C, Balaciana I, Huyghe N, Pasdeloup J, Tramini P, Merosch F et al. ²³	2020		Teledentistry is used in detention centers for initial examination and diagnosis.

DISCOURSEDAN

Teledentistry can be done via mobile phones, sending emails or messages, video chatting, and give many benefits in dentistry.17.24 Teledentistry can assist dentists in screening patients for COVID-19 to avoid contact with patients who can infect staff and other patients in the clinic or hospital. This can be done using a questionnaire administered online before the patient visits the dental clinic.**.

The use of teledentistry during the COVID-19 pandemic can make it easier for patients to consult with dentists so that patients can be immediately evaluated and a further treatment plan determined. 6.16.18.19.22 Teledentistry can also be used as an educational tool that can be given by dentists in the form of diseases that may exist in the oral cavity to maintain healthy teeth and mouth during the COVID-19 pandemic, such as brushing the teeth and gargles to reduce the COVID-19 virus. 3.23.19.20.21 Teledentistry also makes it easier for everyone in rural or urban areas to need dental and oral care. Patients living in remote areas face problems, such as limited treatment, lack of equipment, and lack of medical personnel. Through teledentistry people living in protect areas can get consultations and advice regarding the patient's complaints. 3.218.24

Teledentistry allows triage of care based on the patient's condition. Patients who need emergency treatment will be prioritized to come in the dentist. Dental care places dentists at high risk for infection during the COVID-19 pandemic. Therefore, it is better to postpose non-emergency dental treatment to reduce face-to-face contact between dentist and patient. In addition, teledentiatry can reduce crowds in the practice area to reduce unnecessary exposure. Article Error

Teledentistry is useful in diagnosing and treating oral lesions, providing easier access to preventive dental and oral care, and consulting specialists. During the COVID-19 pandenne era, reledentistry was important to complement singlimited dental care system during the pandenne. Platents can take a complete history without whiting the dentist. Take photos of the condition of the patient's oral cavity. (8.29.29)

Teledentistry can improve education in dentistry. It is impossible for dental students or dental practitioners can't do something during a pandemic. This situation supports dental students in developing their cognitive abilities and exposing themselves to developments in dentistry. In addition, the lecture system, which should be face-to-face in person, now we can do it online with live sessions so that students can still interact with their lecturers while being recorded or with materials that have been recorded. This helps students learn more because materials can be played repeatedly.^{2,8}

Dental students can also do exercises to analyze patient cases with problem-solving. In addition, during the COVID-19 pandemic, dental students and dentists must have knowledge of COVID-19 screening for patients, more stringent infection provestion, and control measures in practice. 18:26

Demosts camprovide patients undergoing radio and/or chemothetapy through reledentistry. Demosts can also motivate and re-emphasize oral hygiene measures. Dentists can monitor the progress of the patient's condition virtually after treatment in periodical control form to see the progress of treatment results. Teledentistry can monitor the child's dental development and other developmental such as neonatal/ratal teeth and maloculusion that can be done via video cells. Action

CONCLUSION

The application of selecteristry during this pandemic aims to facilitate consultation and provide opportunities for a diagnosis and treatment planning, as spill as sharing clinical and radiographic images of patients among dentists, as well as minimizing the risk of cross-infection between dentists and patients, as well as providing dental health services and mouth for people living in rural areas who still have difficulty or even cannot reach health facilities.

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Jakarta, Penilai 2 Melai

Prot Dr. ding Miclamie Sodono , Missamed , PBO

Prof. Dr. dire., Michaelle Scott.

NIDN : 1402.
Unit Korja : PKG Usakti
Bidang Ilmu : (Biokarmie) - Biologi Circul
Jabatan Akademik : Gotu Gester W D

Pendidikan Terakhir : \$3

LEMBAR HASIL PEMLAJAN SEJAWAT SEBIDANG ATAU PEER REVIEW KARYA ILMIAH: JURNAL ILMIAH

Judu Artikel Ilmiah Penulis Artikel Ilmiah	BENEFITS OF TELEDENTISTRY DURING COVID-19 PANDEMIC: SCOPING REVIEW 1. Caesary Cloudya Panjaitan (penulis pertama, penulis korespondensi) 2. Sri Lestari (penulis anggota kedua) 3. Marta Jusiliy (penulis anggota kedua)
Identifies Jurnal Ilminh	: Name Jurnal : International Journal of Science and Research Nomon/Volume : 3/11 Edis (Bulan/Tahun) : March/2022 PenerbitE-ISSN : 2319-7064 Halaman : 1042-1047
	Link : https://www.iisr.net/get_abstract.php?paper_id=SR22319083457
Katagori Publikasi Ilmiah	Jumal infermasional bereputasi (SJR > 0,1) (maks 40) Jumal internasional terindeks pada basis data internasional bereputasi (SJR ≤ 0,1) (maks 30).
(beri tanda vi pada katagori yang tapat)	Jumal Internasional (maks 20) Jumal Nasional terskeeditasi SINTA 1 dan 2 (maks 25) Jumal Nasional terindeksi SINTA 3 dan 4 (maks 20) Jumal Nasional terindeksi SINTA 5 dan 6 (maks 15) Jumal Nasional (maks 10) Jumal Nasional (maks 10) Jumal iknish yang ditalis dalam Bahasa Resmi PBB namun tidak memenuhi syarat-syarat sebagai jumal
	limiah internasional (maks 10)

		KOMENTARIJLASAN PEER REVIEW
1	Kelengkapan dan kesesuaian unsur isi jumal	lei tulisan sudah mencalup laterbelosang, tujuan, metulu Pembasacan dan bampulan. Susunan terstrukur denjan perkuenti memadai
2	Ruang Lingkup dan kedalaman pembahasan	Avang Lengleup bahasan Calkup terarah de kedalangan munih Busa di arahkan pada resulari di perbahasa
3	Kecukupan dan kemutakhiran data/informasi dan metodologi	Data/informas cultup terallemedan untrh dyat di bahko seman metrok yod amtse, namun bian lebih dalam
4	Kelengkapan unsur dan kualitas penerbit	Cursur a statu tillisen sudan tercasup dy knalotus penentit sosian

Josepha, Pendai 2

Prof DR dig. MELANIE CADONO, MBIDWER, PBO
NION : 140 2
Unit Kerja : PKG Usekt:
Bidang Ilmu : BIDK4 MIA - BIDLOGI ORAL
Jabatan Akademik : BURU BESAR IV D
Pendidikan Terakhir : \$3 Mela