Post Covid Infection Control Guidelines By IDA Trivandrum Branch



PRESIDENT HON. SECRETARY

DR. THARUN V JACOB DR. SIDDHARTH NAIR

1.APPOINTMENT SCHEDULING

- a) Ask patients to arrive on time for their appointments, rather than too early, since that will minimize the amount of time they spend in your waiting room or reception area.
- b) Next appointmentment should be scheduled giving ample time for the procedure to be performed for the previous patient.
- c) Schedule appointments to minimize possible contact with other patients in the waiting room



2. GENERAL INSTRUCTIONS

- a) Discourage bystanders except for pediatric / special needs/elderly patients, etc.).
- b) Bystanders not allowed inside the operatory. (sign boards to be displayed).



3. Things To Be Done On Patient Arrival

- a)Set the Triage Area at the entry point of the clinic or if not possible at the Reception area
- b) Hand soap/sanitizer should be kept in the reception and patients should be asked to sanitize their hand before entering the operatory.
- c) Tissue paper should be provided to dry their hands and should be disposed in a bin with lid.
- d) Covid Screening form has to be filled along with the regular registration form by the receptionist.
- e) Record temperature of the patient.
- f) All the suspected patients with fever and their accompanying persons should be provided with mask and to be referred to designated hospitals.

- g) Care must be taken to schedule the appointment of the suspected individual as the last patient of the day to prevent nosocomial infection.
- h) social distancing to be followed in the patient waiting area.
- i)Remove magazines, reading materials, toys, remotes and other objects that may be touched by others and which are not easily disinfected.
- j) Print and place signage in the dental office for instructing patients on standard recommendations for respiratory hygiene/cough etiquette and social distancing
- k) Disinfect pen after every use.







4.During Treatment

Health care providers should ensure

- a) Patients should be prevented from touching the door handles.

 Handles can be covered with an aluminium foil or cellophane paper which has to be removed after each patient.
- b) In case of more than one chair in the operatory ,there should be minimum 6 foot distance between the chairs.
- c) Adequate personal protective equipments which is essential for the procedure to be performed.
- d) Proper sterilization and disinfection of the instruments, devices and all environmental surfaces.
- e) Use 1.5% hydrogen peroxide or 0.2% povidone as a preprocedural mouthrinse.
- f) Avoid the use of air conditioners particularly during aerosol producing procedures.

- g) Try to maintain proper ventilation either by using exhaust fan or other feasible methods.
- h) Try to use high volume suction.
- i) Minimize the use of 3 way syringe as this produce aerosols.
- j) Disinfect the handpieces and 3 way syringes using hypochlorite, ethanol etc.
- k) Avoid chin-bra posture while writing prescription as there is a chance of spread of infection .
- 1) Disinfect the operatory after each patient.
- m)Clean the floor every 2 hours with 1% Bleaching Solution



5. After The Treatment

- a) Try to leave the patient as soon as the procedure is completed.
- b)Try not to handle money with hand as money is a potential source of infection. Try asking the patients doing an online transfer. If POS machine is used wipe the buttons of the POS machine after the transaction.

6. Health care providers when going home

a) should change from scrubs to personal clothing before returning home. Upon arriving home, should take off shoes, remove and wash clothing and immediately shower.

REQUIREMENT CHART OF PPE ACCORDING TO PROCEDURE

On Patient procedures /Area	Risk Category	Head cap	Gloves	N 95 Mask	Triple layered mask	Gown /Cover all	Goggles/Face shield	Shoe cover
Consultation	Low Risk	\checkmark	\checkmark	x	\checkmark	×	*	×
Triage area/ Reception	Moderate risk	×	✓	×	✓	×	×	×
Impression making for CD, RPD, Orthodontic Retainer	Moderate risk	✓	✓	✓	*	*	*	×
Extraction	Moderate risk	✓	✓	✓	×	✓	*	×
Bleaching	Moderate risk	✓	✓	✓	*	✓	✓	×
Ortho Review Visits	Moderate risk	✓	✓	✓	*	*	×	×
Operculectomy, Frenectomy Alveoloplasty Crown Lengthening	Moderate risk	√	✓	✓	*	✓	*	*
Periodontal Flap Surgery	High Risk	\checkmark	\checkmark	\checkmark	x	\checkmark	*	*
Impaction	High Risk	√	√	√	*	√	✓	√
Oral prophylaxis	High Risk	√	√	√	*	√	✓	√
Orthodontic Bonding	High Risk	✓	✓	✓	*	✓	✓	*
Ortho Debonding	High Risk	\checkmark	\checkmark	\checkmark	x	\checkmark	\checkmark	\checkmark
Major oral surgical procedures	High Risk	✓	✓	✓	\$ c	✓	✓	√
Root Canal Treatment	High Risk	✓	√	✓	*	✓	✓	√
Crown preparation	High Risk	\checkmark	√	\checkmark	×	\checkmark	✓	√
Coronoplasty	High Risk	\checkmark	\checkmark	\checkmark	x	\checkmark	✓	*
Restorations	High Risk	✓	✓	✓	×	√	✓	*
Denture Adjustments CD/RPD	High Risk	√	✓	√	*	✓	✓	*
Removable orthodontic / Myofunctional Appliance Adjustment	High Risk	✓	✓	✓	æ	✓	✓	*
Crown Fixing	High Risk	√	√	√	*	√	✓	*
Finishing and Polishing Procedures	High Risk	✓	✓	✓	×	✓	✓	✓

POSTERS

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Cover Your Cough

1.



Cover your mouth and nose with a paper tissue when you cough or sneeze.

2.



Dispose of the tissue in a waste bin after every use.



If you don't have a paper tissue, cough/sneeze into your upper sleeve.

3.



Wash your hands with soap and water after coughing/sneezing.



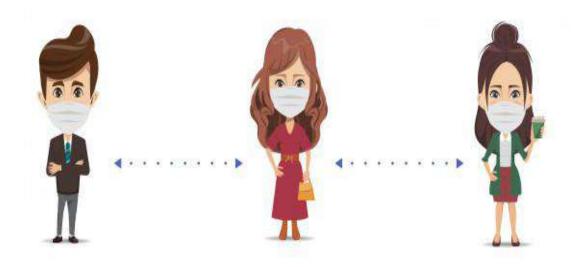








SOCIAL DISTANCING MAINTAIN SOCIAL DISTANCE DURING THE COVID-19 PERIOD







INDIAN DENTAL ASSOCIATION KERALA STATE



GENERAL PRECAUTIONS

- Always start with providing Patients a corona screening Questionnaire.
- Ask the patients to wash their hands, use tissue paper to dry their hands and sanitize their hand before entering the operatory
- Dispose used tissue papers and mask in a basket with lid. Include temperature readings as part of your routine assessment of the patient prior to performing dental procedures.
- Patients with fever should be registered and referred to designated hospitals.
- Make sure the personal protective equipment you are using is appropriate for the procedures performed.
- Use high speed evacuation for all dental procedures producing an aerosol.
- * Autoclave your handpieces after each patient.
- · Clean and disinfect public areas frequently, including door handles, chairs, and bathrooms.
- Wear a surgical mask and eye protection with solid side shields or a face shield to protect mucous membranes of the eyes, nose, and mouth during procedures likely to generate splashing or pattering of blood or other body fluids
- Change masks between patients, or during patient treatment if the mask becomes wet.
- Ask patients to arrive on time for their appointments, rather than too early, since that will minimize the amount of time they spend in your waiting room or
- Remove magazines, reading materials, toys and other objects that may be touched by others and which are not easily disinfected
 Schedule appointments to minimize possible contact with other patients in
- the waiting room
- Any staff member who has fever, cough, sneezing, or COVID-19—related symptoms or has a close family member who is confirmed with the infection is advised to undergo a medical examination in a designated hospital and cease working.
- Nonemergency dental practices should be postponed at least 1 month for convalescing patients with SARS was practiced during its outbreak but the period of postponement for COVID 19 it is not yet established
- Suspected patients and their accompanying persons should be provided with medical masks and temperature measurement once they enter our hospital
- Try Not to handle the money with hand as money is a potential source of infection. Try asking the patients doing an online transfer or UPI transfer. While using a POS machine try to wipe the buttons of the POS machine after each transaction.



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OTHER PRECAUTIONS

ORAL EXAMINATION

- Preoperative antimicrobial mouth rinse reduces the number of microbes in the oral cavity
- Procedures that are likely to induce coughing should be avoided (if possible) or performed cautiously
 Aerosol-generating procedures, such as the use of a 3-way syringe, should be minimized as much as possible.
- Intraoral x-ray examination can stimulate saliva secretion and coughing extraoral dental radiographs, such as panoramic radiography and cone beam CT, are appropriate alternatives during the outbreak of COVID-19.





TREATMENT OF DENTAL EMERGENCIES

- Dental emergencies should be managed with rubber dams and high-volume saliva ejectors can help minimize aerosol or spatter in dental procedures
- Face shields and goggles are essential with use of high or low-speed drilling with water spray.
- Try to schedule the suspected individual as the last patient of the day to decrease the risk of nosocomial infection
- If the tooth needs to be extracted, absorbable suture is preferred.

SYMPTOMATIC IRREVERSIBLE PULPITIS

- Pulp exposure could be made with chemo-mechanical caries removal under rubber dam isolation and a high-volume saliva ejector after local anesthesia;
- Then, pulp devitalization can be performed to reduce the pain.
- The filling material can be replaced gently without a devitalizing agent later

MISCELLANEOUS

- Use tissue paper for drying the hands instead of towels.
- Ask patient to avoid touching the tooth with bare fingers







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കാറോണയ്ക്കെതിരെ **ജാഗ്ര**ന്ത്!!

Covid-19 വൈറസ് രോഗബാധയെ പ്രതിരോധിക്കാൻ ചില മുൻകരുതലുകൾ



- നിങ്ങൾക്ക് പനി, ചുമ, തുമ്മൽ, തലവേദന തുടങ്ങിയ രോഗലക്ഷണങ്ങൾ ഉണ്ടെങ്കിൽ നിർബന്ധമായും ക്ലിനിക്കിലെ സ്റ്റാഫിനെയോ ഡോക്ടറെയോ അറിയിക്കുക.
- നിങ്ങൾ അടുത്ത ദിവസങ്ങളിൽ വിദേശയാത്ര ചെയ്യുകയോ വിദേശയാത്ര ചെയ്ത വ്യക്തികളുമായി സമ്പർക്കം പുലർത്തുകയോ ചെയ്തിട്ടുണ്ടെങ്കിൽ വിശദവിവരങ്ങൾ ആശുപത്രി അധികൃതരെ അറിയിക്കുക.
- ചുമ തുമ്മൽ മൂക്കൊലിപ്പ് എന്നിവയുള്ളവർ ഫേസ്-മാസ്ക് ധരിച്ച് മാത്രം റിസപ്ഷനിൽ ഇരിക്കുക. മാസ്ക് ഇല്ലാത്ത പക്ഷം സ്റ്റാഫിനോട് ആവശ്യപ്പെടുക.
- പനി, ചുമ, തുമ്മൽ തുടങ്ങിയ രോഗലക്ഷണങ്ങൾ ഉള്ളവർ അത്യാവശ്യമുള്ള ദന്തചികിത്സ മാത്രം തേടുകയും മറ്റു ചികിത്സകൾ ലക്ഷണങ്ങൾ കുറയുന്നതു വരെ മാറ്റിവെയ്ക്കുകയും ചെയ്യുക.
- ചുമയ്ക്കുമ്പോഴും തുമ്മുമ്പോഴും തുവാല ഉപയോഗിച്ചോ അല്ലെങ്കിൽ കൈമടക്കിന്റെ മുകൾവശം ഉപയോഗിച്ചോ മൂക്കും വായും പൊത്തി പിടിക്കുക.
- കൈകൾ അണുവിമുക്തമാക്കാൻ സോപ്പും വെള്ളവും ഉപയോഗിച്ച് 20 സെക്കന്റെങ്കിലും വൃത്തിയായി കഴുകുക.
- മുഖം കണ്ണ്, വായ, മൂക്ക് തുടങ്ങിയ ഭാഗങ്ങളിൽ സ്പർശിക്കുന്നത് പരമാവധി ഒഴിവാക്കുക.



പൊതുജന താല്പര്യാർത്ഥം ഇന്ത്യൻ തഡന്റൽ അസോസിയേഷൻ പ്രസിദ്ധീകരിക്കുന്നത്



QUESTIONNAIRE





INDIAN DENTAL ASSOCIATION TRIVANDRUM BRANCH

INFORMED CONSENT FORMAT FOR DENTAL TREATMENT DURING COVID 19 OUTBREAK

സ്ഥലം / തീയതി	:
രോഗിയുടെ പേര്	
വയസ്റ് / ലിംഗം	:
മേൽവിലാസം	*
തൊഴിൽ	:

രോഗിയുടെ കൂടെയുള്ള വ്യക്തിയുടെ ഒപ്പ്:

ദന്തരോഗവിദശ്ധന്റെ പേരും ഒഷും:

കോവിഡ് 19 ചോദ്വാവലി	อสารั	ഇല്ല
താങ്കൾക്ക് ദേഹം വേദന, പനി, ചുമ, തുമ്മൽ, തൊണ്ടവേദന, ശ്വാസതടസം എന്നീ രോഗലക്ഷണങ്ങൾ ഉണ്ടോ?		
താങ്കളോ തങ്ങളുടെ കുടുംബാംഗങ്ങളോ <mark>കഴിഞ്ഞ മാസത്തിനുള്ളിൽ ഈ ജില്ലാ/സം</mark> സ്ഥാനം/ ദാജ്യം വിട്ട് പുറത്തു യാത്ര ചെയ്തിട്ടുണ്ടോ?		
താങ്കൾക്കോ താങ്കളുടെ കുടുംബാംഗങ്ങൾക്കോ ദേഹം വേദന, പനി, ചുമ, തുമ്മൽ, തൊണ്ടവേദന, ശ്വാസതടസം എന്നീ രോഗലക്ഷണങ്ങൾ ഉങ്ങോ?		
ഒന്നാമത്തെ ചോദ്യത്തിനുത്തരം അതെ <mark>എ</mark> ന്നാണെങ്കിൽ താങ്കൾ ഒരു ജനറൽ ഫിസിഷ്യനെ സന്ദർശിച്ചിട്ടുണ്ടോ?		
താങ്കൾക്ക് മറ്റെന്തെങ്കിലും ആരോഗ്യപ്രശ്നങ്ങൾ ഉണ്ടോ?		
താങ്കൾ കോവിഡ് 19 ബാ <mark>ധി</mark> ത പ്രദേശത്തി <mark>ൽ നിന്നോ അല്ലെങ്കിൽ കഴിഞ്ഞ ഒരു മാസ</mark> ത്തിൽ ഏതെങ്കിലും കോവിഡ് ബാധിത പ്രദേശം സന്ദർശിച്ചിട്ടുണ്ടോ?		
കോവിഡ് 19 ബാധിത വ്യക്തിയുമായി കഴിഞ്ഞ 14 ദിവസത്തിനുള്ളിൽ ഏതെങ്കിലും രീതിയിലുള്ള സമ്പർക്കം പുലർത്തിയിട്ടുണ്ടോ?	1	

സമ്മനവ്യത്രം ക്രിലുടയുളം: (പ്രായപൂർത്തിയ)കാത്ത രോഗിയെക്കിൽ) ക്രെട്ടി വിലെടയുളം: (പ്രായപൂർത്തിയ)കാത്ത രോഗിയെക്കിൽ)

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INDIAN DENTAL ASSOCIATION TRIVANDRUM BRANCH

INFORMED CONSENT FORMAT FOR DENTAL TREATMENT DURING COVID 19 OUTBREAK

Date and Time	:
Name of the Patient	
Age/Sex	:
Address	:
Occupation	

Mobile No : E-mail:

Covid -19 Questionnaire	Yes	No
Do you have any symptoms like fever, body pain, cough, sneezing, sore throat, difficulty in breathing?		
Have you or any of your cohabitants travelled outside state/country in the past one month?	1	
Any of your family members have history of fever, body pain, cough, sneezing, sore throat, Difficulty in breathing?		
Have you visited the general physician if your answer is yes for question 1?	1 1	
Do you have any medical issues (if yes mention the details)?		
Do you belong to Covid 19 sensitive area or have visited one such place in past one month?		
Have you come into contact with a patient with confirmed 2019-nCoV infection within the past 14 days?	//	

DECLARATION

L	have come to	Dental Clinic/Hospital
for an emergency treatment. Dentist reserves rigl carrier or an undiagnosed patient with covid19 responsibility to take appropriate precautions an	disease, I suspect it may endanger [Dentist and clinic staff. It is my Duty and
I may already be an asymptomatic carrier/ un after my visit to the dental clinic and I will not ho COVID with me or my accompanying person. The me in my native language to my complete satisf	old the doctors or the staff of the clin e above terms and conditions have b faction. I agree to all terms and cond	ic responsible for any future diagnosis of een read by me / have been explained to itions mentioned above. I verify, confirm
I may already be an asymptomatic carrier/ un after my visit to the dental clinic and I will not ho COVID with me or my accompanying person. The	diagnosed COVID-19 positive patie old the doctors or the staff of the clin a above terms and conditions have b faction. I agree to all terms and cond	nt/ may get infected due course of ic responsible for any future diagno een read by me / have been explain itions mentioned above. I verify, coi

Patient's signature /Thumb Impression:	Parent/Guardian Signature (if minor):
Patients accompanying person's signature:	
Name of the Dentist with Signature:	

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PREPARING DISINFECTANT SOLUTIONS

High level disinfection (approximately 5000 ppm)

Preparing a 1: 10 Household Bleach Solution:

- 62 ml (1/4 cup) household bleach + 562 ml (2 1/4 cups) water
- 250 ml (1 cup) household bleach + 2250 ml (9 cups) water Recommended Uses:
- cleaning up a blood or body fluid spill
- when directed by public health
- for use on semi-critical medical and personal service instruments

<u>Intermediate - High level disinfection (approximately 1000 ppm)</u> Preparing a 1: 50 Household Bleach Solution:

- 20 ml (4 teaspoons) household bleach + 1000 ml (4 cups) water
- 100ml (7 tablespoons) household bleach + 5000 ml (20 cups) water Recommended Uses:
- for use in washrooms, during outbreaks of respiratory diseases

<u>Intermediate level disinfection (approximately 500 ppm)</u> Preparing a 1: 100 Household Bleach Solution:

- 5 ml (1 teaspoons) household bleach + 500 ml (2 cups) water
- 62 ml (1/4 cup) household bleach + 6138 ml (24 3/4 cups) water Recommended Uses:
- for use on non-critical medical or personal service instrument

Low level disinfection (approximately 100 ppm)

Preparing a 1: 500 Household Bleach Solution:

- 1ml (1/4 teaspoons) household bleach to 500ml (2 cups) water
- 20 ml (4 teaspoons) household bleach to 10 L (40 cups or approx. 2 gallons) Recommended Uses:
- Safe level for toys, dishes and utensils and food contact surfaces





1%Hydrogen Peroxide

100 ml 6% Hydrogen Peroxide + 600 ml water

0.2% Povidone Iodine Solution

100 ml 10% Betadine + 5ltr Water

Recommended Methods of Decontamination for Dental Items

Item	Recommended Method	Alternative Method
Amalgam/composite carriers	Wipe with 70% ethyl alcohol	
Articulators	Wipe with 70% ethyl alcohol	
Attachments dental units	Wipe with 2% glutaraldehyde, rinse	Wipe with 70% alcohol
Bracket tables	Wipe with 70% ethyl alcohol	
	If there is visible blood or pus, clean and disinfect with 0.5% sodium hypochlorite, rinse	
Burs – diamond	Clean with metallic brush and detergent, autoclave	
Burs - steel tungsten-carbide	Clean with metallic brush and detergent, rinse, dry and dry heat	
Dental chairs	Clean with detergent and water	
	If there is visible blood or pus, clean and disinfect with 0.5% sodium hypochlorite or 2% glutaraldehyde, rinse	
Dental mirrors	Clean with detergent and water, autoclave, store in covered pack or container	

Item	Recommended Method	Alternative Method
Denture	Clean with detergent and water	
	If contaminated with blood, immerse in 0.1% sodium hypochlorite for 10 mins. and rinse	
Extraction	Clean with detergent and	
Forceps	water, autoclave, store in covered pack or container	
Gloves	Disposable	
Handpieces	Flush for 30 sec.,	Flush or 30 sec.,
Air motor for slow speed handpieces	Clean with detergent and water, oil, and autoclave	Clean with detergent and water, oil, surrounding the handpiece
nanupieces	water, on, and autocrave	by a gauze pad soaked in 2% glutaraldehyde for 10 mins., rinse with water
Turnussians		
Impressions – Alginate :		
(plastic trays)	Rinse, get rid of excess water, spray with 0.1% sodium hypochlorite, put in closed container for 10 mins.	
Zinc-oxide eugenol paste :		
Alginate: (metallic trays)	Rinse, get rid of excess water, spray with 2% glutaraldehyde, put in closed container for 10 mins.	
Rubber base :	Rinse, immerse in 2% glutaraldehyde for 10 mins., rinse	
Injection needles for	Disposable	
local anaesthetic		

Item	Recommended Method	Alternative Method
Instrument trays	Clean with detergent and water, autoclave	
Orthodontic bands	Clean with detergent and water, autoclave	
Orthodontic pliers	Clean with detergent and water, autoclave	
Polishing stones	Clean with detergent and water, autoclave	
Prophylactic cups and brushes	Disposable	Clean with detergent and water autoclave
Protective, plastic glasses and shields	Wipe with 0.1% sodium hypochlorite	
Root canal instruments	Clean with detergent and water, autoclave, store in covered container	
Rubber dam clamps	Clean with detergent and water, autoclave	
Rubber dam forceps	Clean and autoclave	Clean, immerse in 2% glutaraldehyde for 10 mins. rinse
Rubber dam punches	Clean with detergent and water	
Saliva ejectors	Disposable	
Saliva ejectors, metallic	Clean with detergent and water, and autoclave	
Scalpel blades	Disposable	

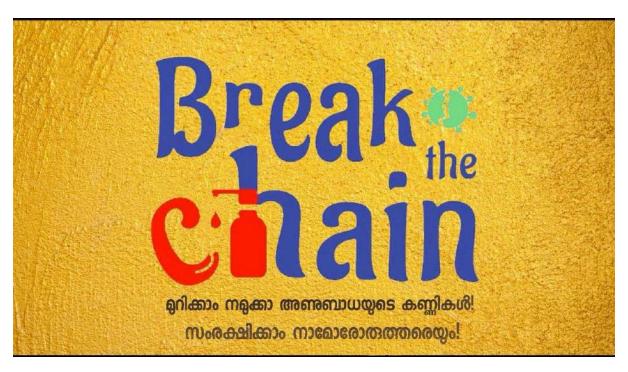
Stainless steel cups	Clean with detergent and water, autoclave	
Stainless steel instruments	Clean with detergent and water, autoclave, store in covered pack or container	Dry heat
Suction tips	Clean with detergent and water, autoclave	
Suction tube adaptors	Wipe with 70% alcohol after each use. Autoclave weekly	
Surgical instruments	Clean with detergent and water, autoclave, store in covered pack or container	Dry heat
Syringe – local anaesthetic	Clean with detergent and water, autoclave, store in covered pack or container	Dry heat
Syringe tips — detachable 3-way	Clean with detergent and water, autoclave	
Ultrasonic scaler tips and inserts	Clean with detergent and water, autoclave, store in covered pack or container	
Wax bite block, wafer	Rinse, immerse in 0.1% sodium hypochlorite for 10 mins., rinse	
X-ray films: (with disposable plastic cover)	Dispose the cover and change gloves	Remove plastic packet and drop the film with non-touch technique in red light. Change gloves before processing
(without disposable plastic cover)	Immerse in 0.1% sodium hypochlorite for 2 mins., rinse	

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