

Application	Frequency	Dilution per 10 litres	Minimum Exposure
GENERAL - BEST PRACTICE			
CLEANING EQUIPMENT			
Sweep or rinse away loose debris. On floors, use a dust-attracting mop, not a broom			
Where possible, make use of vacuum (Clean bag daily)			
Remove "spills" (faeces, urine, blood, vomitus, pus) with disposable paper prior to mopping			
Use mops on floor surfaces only and nylon brushes / brooms with nylon bristles in cages			
Use a two-bucket system and two sets of cleaning equipment (one in use, one stored clean and dry)			
Mops / Brushes / Cloths			
- Rinse with water	End of Shift		
- Wash thoroughly using F10SCXD	End of Shift	40ml	
- Immerse in F10SC, dry out excess water	End of Shift	40ml	Hang to dry
Walls and Tiles			
- Wash from top to bottom using F10SCXD	Monthly	40ml	Leave to dry
- Wash off visible dirt (e.g. blood) using F10SCXD	When necessary	40ml	Leave to dry
Counters / Bench Tops			
- Trigger spray using F10SC and wipe down with paper towel	Twice daily	40ml	Leave to dry
Chairs			
- Trigger spray using F10SC and wipe down with paper towel	Daily	40ml	Leave to dry
Cupboards and Shelving			
- Trigger spray using F10SC and wipe down with paper towel	Weekly	40ml	Leave to dry
Waste Bins			
- Remove plastic liner, tie closed and discard	Daily		Leave to dry
- Wash down using F10SCXD	Daily	40ml	Leave to dry
- Trigger spray inside of new plastic liner as well as top	Daily	40ml	Leave to dry
Door handles / Light switches / Telephones / Keyboards			
- Trigger spray using F10SC onto a paper towel and wipe down	Daily/when visibly dirty	40ml	Leave to dry
Benches and sinks / Wash basins			
- Wash with water to remove debris			
- Wash/Scrub with nylon brush using F10SCXD	Daily	40ml	Leave to dry
Floors			
- Sweep clear with dust-attracting mop, not broom. If possible, vacuum			
- Avoid dispersal of dust and bacteria by keeping mop head in contact with floor and not lifting at end of each stroke.			
- Apply F10SCXD to floor using clean mop and wash with long, un-interrupted strokes.	Daily/when soiled	40ml	Leave to dry
- Discard used water from mop into separate bucket (use two compartment system)			
- Apply F919SC, scrub lightly with nylon broom, rinse and mop dry	Weekly	100ml	10 min
Floor drains / Sink wastes			
- Remove drain covers/traps and scrub with F919SC	Weekly	100ml	10 min
- Flush with large volumes of clean water			
- Pour 1 litre of diluted F10SC down drain	Weekly	40ml	
Carpets			
- Vacuum, do not brush or sweep. Check inner paper bag and clean out if more than half full. Clean out away from patient areas with minimum dispersal of dust.			
Toilets and sluices			
- Scrub inside of bowl with nylon brush on long handle using F10SCXD	Daily	40ml	
- Trigger spray seat, cover and handle using F10SC and wipe down with paper towel	Daily	40ml	Leave to dry
RECEPTION AREA'S			
Scale			
- Wash down using F10SCXD	Daily	40ml	
- Trigger spray using F10SC and wipe down with paper towel	After every use	40ml	Leave to dry
CONSULTING ROOMS			
Examination table and mattress			
- Wash visible debris off with clean water			



Application	Frequency	Dilution per 10 litres	Minimum Exposure
<ul style="list-style-type: none"> - Wash down using F10SCXD (top and underneath) - Trigger spray using F10SC and wipe down with paper towel 	Daily After every use	40ml 40ml	Leave to dry
Trolleys <ul style="list-style-type: none"> - Wash down using F10SCXD - Trigger spray using F10SC and wipe down with paper towel 	Weekly After every use	40ml 40ml	Leave to dry
Thermometers <ul style="list-style-type: none"> - Use two sets, one in use and one stored dry - After use, wipe with disposable paper - Wipe using F10 Wipes or spray with F10SC and wipe with paper towel, 	After every use	40ml	
THEATRES / PROCEDURE ROOMS Use separate set of cleaning equipment, clean and disinfect as recommended above			
Operating table <ul style="list-style-type: none"> - Wash visible debris off with clean water - Wash down using F10SCXD (top and underneath) - Trigger spray using F10SC and wipe down with paper towel 	After every use After every use	40ml 40ml	Leave to dry
Linen (Drapes) <ul style="list-style-type: none"> - Soak soiled/bloodstained linen in cold water before sterilization - Septic cases: Soak in F10SCXD before washing and sterilization 	After every case	40ml	30 min
EQUIPMENT / INSTRUMENTS			
Anaesthetic Machines, Suction Apparatus, Ventilators and Humidifiers			
<ul style="list-style-type: none"> - Wash bottles and tubing using F10SCXD and hang to dry thoroughly - Rinse bottles and tubing using F10SC - Wipe apparatus down using F10SC 	Daily/After use Daily/After use Daily/After use	40ml 40ml 40ml	Hang to dry Leave to dry
Incubators, Fridges, Microwave Ovens, O/h Lights, Defibrillators and Hydro baths			
<ul style="list-style-type: none"> - Wash down using F10SCXD - Trigger spray using F10SC and wipe down with paper towel 	Weekly Daily	40ml 40ml	Leave to dry
Endoscopes			
<ul style="list-style-type: none"> - Follow manufacturer's instructions with regards to rinsing procedure after use as well as use of enzymatic agent. - Rinse for 1 minute. Wash using F10SCXD for 10 minutes if mechanical (5 minutes if ultrasonic), rinse for 1 minute. 	After every use	100ml	10 min
<ul style="list-style-type: none"> - Soak in F10 STERILANT(RTU) for 10 minutes, rinse with sterile water or use without rinsing 	After every use	As is	10 min
<ul style="list-style-type: none"> - OR soak in F10SC (1:100) for 10 minutes, rinse with sterile water or use without rinsing 	After every use	100ml	10 min
NOTE: If a glutaraldehyde had been used to disinfect the instrument, it must be thoroughly washed and wiped with alcohol before immersed in F10. A reddish residue may form on the instrument as the result of an interaction between the aldehyde and F10. This will not damage the instrument and can be avoided by thorough cleansing to remove all aldehyde residues.			
Electric razors and blades			
<ul style="list-style-type: none"> - Scrub with nylon brush using F10SCXD - Trigger spray using F10SC - Apply blade wash/lubricant - Store dry 	After every use After every use	40ml 40ml	1 min
Endotracheal Tubes			
<ul style="list-style-type: none"> - Wash thoroughly with F10SCXD (rinse lumen thoroughly to clear away mucous) 	After every use	40ml	
<ul style="list-style-type: none"> - Soak in F10SC 	After every use	40ml	30 min
<ul style="list-style-type: none"> - OR soak in F10 STERILANT (RTU) 	After every use	As is	10 min
<ul style="list-style-type: none"> - Rinse with sterile water OR remove without rinsing - Store clean and dry 			
Needles, Syringes, I/V Catheters, Drip Sets, Suture Material, Nail Brushes			
<ul style="list-style-type: none"> - Single use is safest and best practice! - Do not store in disinfectant - Wash using F10SCXD 	After every use	40ml	10 min



Application	Frequency	Dilution per 10 litres	Minimum Exposure
<ul style="list-style-type: none"> - Soak in F10 STERILANT (RTU) - Rinse with sterile water OR remove without rinsing - Store clean and dry 	After every use	As is	10 min
Instruments <ul style="list-style-type: none"> - Cover soiled instruments with sterile damp swab to avoid blood drying on them - Wash thoroughly in lukewarm water and F10SCXD using a soft nylon brush. Rinse. - Dry thoroughly and lubricate with instrument lubrication. Dry - Sterilize through moist steam or cold sterilization process 	During procedure After procedure	100ml	
Cold Sterilization <ul style="list-style-type: none"> - Fully immerse clean and dry instruments in fresh solution of F10 STERILANT (RTU) - Remove using sterile instrument or wearing sterile gloves (rinse with sterile water or use without rinsing) - Use immediately or store in sterile container 	After cleaning and when required	As is	10 min
Patient Skin preparation <ul style="list-style-type: none"> - Clip wide area neatly and as short as possible using clean no 40 blade - Wash area thoroughly using F10 HAND SCRUB OR F10 ANTISEPTIC LIQUID SOAP and lukewarm water, rinse, dab away excess moisture. Repeat until no visible dirt left on skin - Spray area with F10 SKIN PREP (RTU) and wipe with clean swab. Repeat - Move patient onto operating table, spray surgical site with F10 SKIN PREP (RTU) and leave to dry 	Before procedure Before procedure Before procedure	4ml As is As is	30 sec Leave to dry
HANDWASHING <p>Sterile and aseptic invasive procedures</p> <ul style="list-style-type: none"> - Wash hands with F10 HAND SCRUB and lukewarm water while keeping hands higher than elbows and using friction for 2 minutes; close tap with elbows - Dry hands with sterile towel from fingers to elbow <p>General Practice</p> <ul style="list-style-type: none"> - Wash hands with F10 ANTISEPTIC LIQUID SOAP and water using friction for 30 seconds - Dry hands with paper towel; use paper towel to close tap - Use F10 HAND GEL as an alternative for decontamination of hands between cases 	Before procedure Between cases/ after contamination/ after any body function	4ml (As is) 4ml (As is) 1ml (As is)	30 sec 2 min Leave to dry
<p>X-RAY EQUIPMENT</p> <p>Lead gloves and gowns</p> <ul style="list-style-type: none"> - Wash using F10SCXD if visibly soiled - Trigger spray using F10SC and wipe down with paper towel 	If visibly soiled Daily	40ml 40ml	Leave to dry Leave to dry
<p>FOOD / DRINK BOWLS, FEEDING BOTTLES, FOOD MIXERS</p> <ul style="list-style-type: none"> - Rinse well in hot water - Wash using hot water and F10SCXD - Immerse in F10SC or trigger spray 	After use After use After use	40ml 40ml 40ml	Leave to dry Leave to dry
<p>LAUNDRY AND BEDDING</p> <ul style="list-style-type: none"> - Remove organic matter - Soak in F10SCXD - Wash in washing machine (65°C for 10 min OR 71°C for 3 minutes) - Tumble or sun dry - To eliminate persistent odors, add app 100ml of F10 Odor Eliminator to rinse water 	After use	40ml	30 min
<p>CAGES / KENNELS / SHOWER RACKS</p> <ul style="list-style-type: none"> - Remove loose debris and wash down with water - Scrub using nylon brush / broom and F10SCXD - Apply F10SC - Deep clean using F919SC and brush off with water 	Daily / Between patients After cleaning Weekly/monthly	40ml 40ml 40ml	Leave to dry 10 min



Application	Frequency	Dilution per 10 litres	Minimum Exposure
<p>INSECT CONTROL</p> <ul style="list-style-type: none"> - Keep all foodstuffs covered and out of sunlight – refrigerate when not in use Lightly spray walls and ceilings in areas where fly control is required with F10 DISINFECTANT SURFACE SPRAY WITH INSECTICIDE, repeat 3 or 4 applications to build-up residual coating, thereafter spray when required 	When necessary	As is	Leave to dry
<p>FOGGING</p> <ul style="list-style-type: none"> - Disinfect air spaces and hard surfaces after cleaning using F10SC through an electrical fogging machine - Or by means of a garden sprayer - Or by using a total evacuation F10 Disinfectant Aerosol Fogger canister 	Weekly/Terminal Disinfection	40ml	Leave to dry
<p>AIRCON SYSTEMS</p> <ul style="list-style-type: none"> - Remove filters, wash using F919SC, rinse with water - Immerse filter in F10SC - F10SC can also be sprayed / fogged into air ducting 	Monthly Monthly Monthly	100ml 40ml 40ml	10 min Leave to dry Leave to dry
<p>SOAP DISHES / SOAP DISPENSERS</p> <ul style="list-style-type: none"> - Use of soap dishes not recommended. Wash and dry daily if used. - Fill dispensers half way, do not top up - When bottle is empty, wash using hot water and F10SCXD - Trigger spray nozzles using F10SC 	Before filling Daily	40ml 40ml	Leave to dry

For full information on the above mentioned products please refer to the product information brochures.

- F10SC, F10SCXD and F919SC can be applied by hand / hand spray / HP Washer
- F10SC may also be applied through a fogging machine

These user guidelines are based on the Infection Control Procedures in use at the Onderstepoort Veterinary Academic Hospital since 1996.

These were drawn up by Sr. Linda Muller (OVAH Matron 1994 - 2003) and Mr John Temperley of Health and Hygiene (Pty) Ltd. and form the basis of the SAVC's "Guidelines for Disinfection and Antiseptics in Veterinary Practice".



Application	Frequency	Dilution per 10 litres	Minimum Exposure
ISOLATION FACILITIES			
CLEANING EQUIPMENT			
Use dedicated set of cleaning equipment for Isolation facility ONLY			
Use a dust-attracting mop, not a broom			
Where possible, make use of vacuum (Clean bag daily)			
Remove "spills" (feaces, urine, blood, vomitus, pus) with disposable paper prior to mopping			
Use mops on floor surfaces only and nylon brushes / booms with nylon bristles in cages			
Use a two-bucket system and two sets of cleaning equipment (one in use, one stored clean and dry)			
Always start shift with CLEAN and DRY equipment			
Mops / Brushes / Cloths			
- Rinse with water	End of shift		
- Wash thoroughly using F10SCXD	End of shift	100ml	
- Immerse in F10SC, dry out excess water	End of shift	100ml	Hang to dry
GENERAL			
Walls and Tiles			
- Wash from top to bottom using F10SCXD	Monthly/ when necessary	100ml	
- Wash off visible dirt (e.g. blood) using F10SCXD		100ml	
Work surfaces			
- Trigger spray using F10SC and wipe down with paper towel	Twice daily	100ml	Leave to dry
Cupboards and Shelving			
- Trigger spray using F10SC and wipe down with paper towel	Weekly	100ml	Leave to dry
Waste Bins			
- Remove plastic liner, tie closed and discard			
- Wash down using F10SCXD	Daily	100ml	
- Trigger spray inside of new plastic liner as well as top	Daily	100ml	Leave to dry
Door handles / Light switches / Telephones / Keyboards			
- Trigger spray using F10SC onto a paper towel and wipe down	Daily/When visibly dirty	100ml	Leave to dry
Wash basins and Sinks			
- Wash with water to remove debris			
- Wash/Scrub with nylon brush using F10SCXD	Daily	100ml	
- Rinse with water			
Floors			
- Sweep clear with dust-attracting mop, not broom. If possible, vacuum			Leave to dry
- <u>Avoid dispersal of dust and bacteria by keeping mop head in contact with floor and not lifting at end of each stroke.</u>			
- Apply F10SCXD to floor using clean mop and wash with long, un-interrupted strokes.	Daily/When soiled	100ml	
- Discard used water from mop into separate bucket (use two compartment system)			
- Apply F919SC in warm water, scrub lightly, rinse and mop dry	Weekly / Monthly	100ml	3 min
Floor drains			
- Remove drain covers/traps and scrub with F919SC	Weekly	100ml	2-3 min
- Flush with large volumes of clean water			
- Pour 1 litre of diluted F10SC around and down drain	Weekly	100ml	
Toilets and sluices			
- Scrub inside of bowl with nylon brush on long handle using F10SCXD	Daily	100ml	
- Trigger spray seat, cover and handle using F10SC and wipe down with paper towel	Daily	100ml	Leave to dry
Scale			
- Wash down using F10SCXD	Daily	100ml	Leave to dry
- Trigger spray using F10SC and wipe down with paper towel	After every use	100ml	Leave to dry
Examination table and mattress			
- Wash visible debris off with clean water			
- Wash down using F10SCXD (top and underneath)	Daily	100ml	Leave to dry
- Trigger spray using F10SC and wipe down with paper towel	After every use	100ml	



Application	Frequency	Dilution per 10 litres	Minimum Exposure
Trolleys			
- Wash down using F10SCXD	Weekly	100ml	
- Trigger spray using F10SC and wipe down with paper towel	Daily	100ml	Leave to dry
Thermometers			
- Use two sets, one in use and one stored dry			
- After use, wipe with disposable paper	After every use		
- Wipe using F10 Wipes or spray with F10SC and wipe with paper towel	After every use	100ml	Leave to dry
Incubators, Fridges, Microwave Ovens, O/h Lights, Defibrillators			
- Wash down using F10SCXD	Visibly soiled/ Weekly	100ml	
- Trigger spray using F10SC and wipe down with paper towel	Daily	100ml	Leave to dry
Electric clippers and blades			
- Scrub with nylon brush using F10SCXD	After every use	100ml	
- Trigger spray using F10SC	After every use	100ml	
- Apply blade wash/lubricant			
Needles, Syringes, I/V Catheters, Drip Sets, Suture Material, Nail Brushes			
- Single use is safest and best practice!			
- Do not store in disinfectant			
- Wash using F10SCXD	After every use	100ml	
- Soak in F10SC	After every use	100ml	30 min
- Rinse with sterile water			
HANDWASHING			
- Wash hands with F10 Hand Scrub and lukewarm water using friction for 2 minutes	Between cases/ after contamination	4ml (as is)	2 min
- Dry hands with paper towel; use paper towel to close tap			
- Use F10 Hand Gel as an alternative for decontamination of hands between cases	Before leaving unit	1ml (as is)	Leave to dry
FOOD / DRINK BOWLS			
- Use dedicated food and drink bowls			
- Rinse well in hot water	After use		
- Wash using hot water and F10SCXD	After use	100ml	
- Immerse in F10SC or trigger spray	After use	100ml	Leave to dry
- Dry hands with paper towel; use paper towel to close tap			
LAUNDRY AND BEDDING			
- Use dedicated blankets / towels			
- Remove organic matter			
- Soak in F10SCXD	After use	100ml	15 min
- Wash in washing machine (65°C for 10 min OR 71°C for 3 minutes)			
- Tumble or sun dry			
CAGES / KENNELS / SHOWER RACKS			
- Remove loose debris and wash down with water			
- Scrub using nylon brush / broom and F10SCXD	Daily	100ml	
- Apply F10SC	Between patients	100ml	Leave to dry
- Deep clean using F919SC and brush off with water	Weekly/monthly	100ml	Leave to dry
FOGGING			
Disinfect air spaces and hard surfaces after cleaning with F10SC through an electrical fogging machine or by means of a garden sprayer or by using a total evacuation F10 Disinfectant Fogger canister.		100ml	
AIRCON SYSTEMS			
- Remove filters, wash using F919SC, rinse with water	Monthly	100ml	2 - 3 min
- Immerse filter in F10SC	Monthly	100ml	Leave to dry
- F10SC can also be sprayed / fogged into air ducting	Monthly	100ml	Leave to dry
SOAP DISHES / SOAP DISPENSERS			
- Use of soap dishes not recommended. Wash and dry daily if used.			
- Fill dispensers half way, do not top up			
- When bottle is empty, wash using hot water and F10SCXD	Before filling/ Daily	100ml	
- Trigger spray nozzles using F10SC	Daily	100ml	Leave to dry
FOOT BATHS			
- Scrub out using F10SCXD	Daily	100ml	
- Fill with water and F10SC to cover at least 15 cm	Daily/When necessary	100ml	

For full information on the above mentioned products please refer to the product information brochures.

- F10SC, F10SCXD and F919SC can be applied by hand / hand spray / HP Washer

- F10SC may also be applied through a fogging machine

These user guidelines are based on the Infection Control Procedures in use at the Onderstepoort Veterinary Academic Hospital since 1996. These were drawn up by Sr. Linda Muller (OVAH Matron 1994 - 2003) and Mr John Temperley of Health and Hygiene (Pty) Ltd. and form the basis of the SAVC's "Guidelines for Disinfection and Antiseptics in Veterinary Practice".