



AAEP Biosecurity Guidelines: Disinfectant Table

[Respiratory: Viral](#)
[Respiratory: Bacterial](#)

[Gastrointestinal: Viral](#)
[Gastrointestinal: Bacterial](#)

Respiratory: Viral (Influenza, herpesvirus)								
	Antiseptic	Equipment			Stalls		Clothing	
	Skin	Rubber (stethoscopes, etc)	Endoscopes, NG tubes	Plastic (water buckets, pitchforks etc)	Wood*, plastic/canvas, metal	Foot Baths	Clothes, blankets, saddle pads, etc	Boots
Detergent (cleaning)	soap and warm water	soap and warm water, rinse well	soap and water, rinse well	soap and water, rinse well	scrub with soap and water, rinse with water	N/A	wash with soap and water	scrub with soap and water, rinse with water
Disinfection	povidone iodine	70% isopropyl alcohol, 5 min contact time. Wipes preferred for stethoscopes	accelerated hydrogen peroxide (e.g. Oxivir®). Force air dried is preferred.	1:10 dilution sodium hypochlorite (bleach)	accelerated hydrogen peroxide (e.g. Intervention®)	1:10 dilution sodium hypochlorite (bleach), or Peroxygen Compounds (e.g. Virkon LPS)	spray on 3% hydrogen peroxide or machine wash with 1 cup Lysol® in standard washing machine, then a second cycle with standard laundry detergent. Can also use accelerated hydrogen peroxide (e.g. Oxivir®)	accelerated hydrogen peroxide (e.g. Oxivir®)



Respiratory: Bacterial (<i>S. equi</i>)								
	Antiseptic	Equipment			Stalls		Clothing	
	Skin	Rubber (stethoscopes, etc)	Endoscopes, NG tubes	Plastic (water buckets, pitchforks etc)	Wood*, plastic/canvas, metal	Foot Baths	Clothes, blankets, saddle pads, etc	Boots
Detergent (cleaning)	soap and warm water	soap and warm water, rinse well	soap and water, rinse well	soap and water, rinse well	scrub with soap and water, rinse with water		wash with soap and water	scrub with soap and water, rinse with water
Disinfection	biguanides (chlor hexidine)	70% isopropyl alcohol, 5 min contact time. Wipes preferred for stethoscopes	accelerated hydrogen peroxide (e.g. Oxivir®). Force air dried is preferred.	1:10 dilution sodium hypochlorite (bleach)	accelerated hydrogen peroxide (e.g. Intervention®)	1:10 dilution sodium hypochlorite (bleach), or Peroxygen Compounds (e.g. Virkon LPS)	spray on 3% hydrogen peroxide or machine wash with 1 cup Lysol® in standard washing machine, then a second cycle with standard laundry detergent. Can also use accelerated hydrogen peroxide (e.g. Oxivir®)	accelerated hydrogen peroxide (e.g. Oxivir®)



		Gastrointestinal: Viral (Rotavirus)							
		Antiseptic	Equipment			Stalls		Clothing	
		Skin	Rubber (stethoscopes, etc)	Endoscopes, NG tubes	Plastic (water buckets, pitchforks etc)	Wood*, plastic/canvas, metal	Foot Baths	Clothes, blankets, saddle pads, etc	Boots
Detergent (cleaning)	soap and warm water	soap and warm water, rinse well	soap and water, rinse well	soap and water, rinse well	scrub with soap and water, rinse with water		wash with soap and water	scrub with soap and water, rinse with water	
Disinfection	povidone iodine	accelerated hydrogen peroxide wipes (e.g. Oxivir® TB)	accelerated hydrogen peroxide (e.g. Oxivir®). Force air dried is preferred.	accelerated hydrogen peroxide (e.g. Oxivir®)	accelerated hydrogen peroxide (e.g. Intervention®)	Peroxygen Compounds (e.g. Virkon LPS)	spray on 3% hydrogen peroxide or use accelerated hydrogen peroxide (e.g. Oxivir®)	accelerated hydrogen peroxide (e.g. Oxivir®)	



Gastrointestinal: Bacterial (Salmonella)								
	Antiseptic	Equipment			Stalls		Clothing	
	Skin	Rubber (stethoscopes, etc)	Endoscopes, NG tubes	Plastic (water buckets, pitchforks etc)	Wood*, plastic/canvas, metal	Foot Baths	Clothes, blankets, saddle pads, etc	Boots
Detergent (cleaning)	soap and warm water	soap and warm water, rinse well	soap and water, rinse well	soap and water, rinse well	scrub with soap and water, rinse with water		wash with soap and water	scrub with soap and water, rinse with water
Disinfection	povidone iodine	70% isopropyl alcohol, 5 min contact time. Wipes preferred for stethoscopes	accelerated hydrogen peroxide (e.g. Oxivir®). Force air dried is preferred.	1:10 dilution sodium hypochlorite (bleach)	accelerated hydrogen peroxide (e.g. Intervention®)	Peroxygen Compounds (e.g. Virkon LPS)	spray on 3% hydrogen peroxide or machine wash with 1 cup Lysol® in standard washing machine, then a second cycle with standard laundry detergent. Can also use accelerated hydrogen peroxide (e.g. Oxivir®)	accelerated hydrogen peroxide (e.g. Oxivir®)

*Unsealed wood & dirt or otherwise unsealed floors cannot be effectively disinfected