

Supplementary material

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Supplementary Table 1. Protective practices in connection with bovine general examination as reported in 2009 by veterinarians in Finland (N=191)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	106	55.5	48.4–62.4	17	8.9	5.6–13.8	68	35.6	29.2–42.6
Washing hands with soap	118	61.8	54.7–68.4	46	24.1	18.6–30.6	27	14.1	9.9–19.8
Hand sanitizer	11	5.8	3.3–10.0	79	41.4	34.6–48.5	101	52.9	45.8–59.8
Examination gloves	5	2.6	1.1–6.0	79	41.4	34.6–48.5	107	56.0	48.9–62.9
Shoulder-length gloves	24	12.6	8.6–18.0	47	24.6	19.0–31.2	120	62.8	55.8–69.4
Work coat or similar	174	91.1	86.2–94.4	14	7.3	4.4–11.9	3	1.6	0.5–4.5
Waterproof apron	4	2.1	0.8–5.3	68	35.6	29.2–42.6	119	62.3	55.3–68.9
Headgear	29	15.2	10.8–21.0	58	30.4	24.3–37.2	104	54.5	47.4–61.4
Surgical mask	0	0.0	0.0–2.0	18	9.4	6.0–14.4	173	90.6	85.6–94.0
Particulate respirator	0	0.0	0.0–2.0	9	4.7	2.5–8.7	182	95.3	91.3–97.5
Eye protection	0	0.0	0.0–2.0	7	3.7	1.8–7.4	184	96.3	92.6–98.2

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 2. Protective practices in connection with general examination of dogs and cats as reported in 2009 by veterinarians in Finland (N=249)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	103	41.4	35.4–47.6	29	11.7	8.2–16.2	117	47.0	40.9–53.2
Washing hands with soap	153	61.5	55.3–67.3	60	24.1	19.2–29.8	36	14.5	10.6–19.4
Hand sanitizer	77	30.9	25.5–36.9	88	35.3	29.7–41.5	84	33.7	28.2–39.8
Examination gloves	6	2.4	1.1–5.2	88	35.3	29.7–41.5	155	62.3	56.1–68.0
Shoulder-length gloves	5	2.0	0.9–4.6	7	2.8	1.4–5.7	237	95.2	91.8–97.2
Work coat or similar	170	68.3	62.3–73.7	52	20.9	16.3–26.4	27	10.8	7.6–15.3
Waterproof apron	0	0.0	0.0–1.5	21	8.4	5.6–12.6	228	91.6	87.5–94.4
Headgear	3	1.2	0.4–3.5	23	9.2	6.2–13.5	223	89.6	85.1–92.8
Surgical mask	0	0.0	0.0–1.5	11	4.4	2.5–7.7	238	95.6	92.3–97.5
Particulate respirator	0	0.0	0.0–1.5	10	4.0	2.2–7.2	239	96.0	92.8–97.8
Eye protection	2	0.8	0.2–2.9	5	2.0	0.9–4.6	242	97.2	94.3–98.6

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 3. Protective practices in connection with general examination of horses as reported in 2009 by veterinarians in Finland (N=181)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	80	44.2	37.2–51.5	27	14.9	10.5–20.8	74	40.9	34.0–48.2
Washing hands with soap	93	51.4	44.2–58.6	57	31.5	25.2–38.6	31	17.1	12.3–23.3
Hand sanitizer	12	6.6	3.8–11.2	49	27.1	21.1–34.0	120	66.3	59.1–72.8
Examination gloves	2	1.1	0.3–3.9	31	17.1	12.3–23.3	148	81.8	75.5–86.7
Shoulder-length gloves	1	0.5	0.1–3.1	12	6.6	3.8–11.2	168	92.8	88.1–95.8
Work coat or similar	94	51.9	44.7–59.1	72	39.8	32.9–47.1	15	8.3	5.1–13.2
Waterproof apron	1	0.5	0.1–3.1	19	10.5	6.8–15.8	161	89.0	83.6–92.7
Headgear	14	7.7	4.7–12.6	33	18.2	13.3–24.5	134	74.0	67.2–79.9
Surgical mask	0	0.0	0.0–2.1	5	2.8	1.2–6.3	176	97.2	93.7–98.8
Particulate respirator	0	0.0	0.0–2.1	4	2.2	0.9–5.5	177	97.8	94.5–99.1
Eye protection	0	0.0	0.0–2.1	2	1.1	0.3–3.9	179	98.9	96.1–99.7

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 4. Protective practices in connection with general examination of reptiles as reported in 2009 by veterinarians in Finland (N=88)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	40	45.5	35.5–55.8	1	1.1	0.2–6.2	47	53.4	43.1–63.5
Washing hands with soap	77	87.5	79.0–92.9	3	3.4	1.2–9.6	8	9.1	4.7–16.9
Hand sanitizer	52	59.1	48.7–68.8	18	20.5	13.4–30.0	18	20.5	13.4–30.0
Examination gloves	24	27.3	19.1–37.4	30	34.1	25.0–44.5	34	38.6	29.1–49.1
Shoulder-length gloves	0	0.0	0.0–4.2	1	1.1	0.2–6.2	87	98.9	93.8–99.8
Work coat or similar	66	75.0	65.0–82.9	14	15.9	9.7–25.0	8	9.1	4.7–16.9
Waterproof apron	0	0.0	0.0–4.2	5	5.7	2.5–12.6	83	94.3	87.4–97.6
Headgear	0	0.0	0.0–4.2	5	5.7	2.5–12.6	83	94.3	87.4–97.6
Surgical mask	0	0.0	0.0–4.2	5	5.7	2.5–12.6	83	94.3	87.4–97.6
Particulate respirator	0	0.0	0.0–4.2	3	3.4	1.2–9.6	85	96.6	90.5–98.8
Eye protection	0	0.0	0.0–4.2	2	2.3	0.6–7.9	86	97.7	92.1–99.4

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 5. Protective practices in connection with the examination of swine with erysipelas as reported in 2009 by veterinarians in Finland (N=125)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	55	44.0	35.6–52.8	4	3.2	1.3–7.9	66	52.8	44.1–61.3
Washing hands with soap	94	75.2	67.0–81.9	13	10.4	6.2–17.0	18	14.4	9.3–21.6
Hand sanitizer	23	18.4	12.6–26.1	29	23.2	16.7–31.3	73	58.4	49.6–66.7
Examination gloves	33	26.4	19.5–34.8	27	21.6	15.3–29.6	65	52.0	43.3–60.6
Shoulder-length gloves	1	0.8	0.1–4.4	2	1.6	0.4–5.7	122	97.6	93.2–99.2
Work coat or similar	123	98.4	94.4–99.6	1	0.8	0.1–4.4	1	0.8	0.1–4.4
Waterproof apron	2	1.6	0.4–5.7	7	5.6	2.7–11.1	116	92.8	86.9–96.2
Headgear	37	29.6	22.3–38.1	21	16.8	11.3–24.3	67	53.6	44.9–62.1
Surgical mask	1	0.8	0.1–4.4	1	0.8	0.1–4.4	123	98.4	94.4–99.6
Particulate respirator	4	3.2	1.3–7.9	10	8.0	4.4–14.1	111	88.8	82.1–93.2
Eye protection	2	1.6	0.4–5.7	2	1.6	0.4–5.7	121	96.8	92.1–98.8

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 6. Protective practices in connection with the examination of teat vesicles in cows as reported in 2009 by veterinarians in Finland (N=159)

	n	Always		n	Sometimes		n	Never	
		%	95 % CI		%	95% CI		%	95% CI
Washing hands with water only	83	52.2	44.5–59.8	7	4.4	2.2–8.8	69	43.4	35.9–51.2
Washing hands with soap	119	74.8	67.6–81.0	17	10.7	6.8–16.5	23	14.5	9.8–20.8
Hand sanitizer	23	14.5	9.8–20.8	45	28.3	21.9–35.8	91	57.2	49.5–64.7
Examination gloves	24	15.1	10.4–21.5	55	34.6	27.6–42.3	80	50.3	42.6–58.0
Shoulder-length gloves	0	0.0	0.0–2.4	8	5.0	2.6–9.6	151	95.0	90.4–97.4
Work coat or similar	144	90.6	85.0–94.2	7	4.4	2.2–8.8	8	5.0	2.6–9.6
Waterproof apron	5	3.1	1.4–7.2	22	13.8	9.3–20.1	132	83.0	76.4–88.1
Headgear	23	14.5	9.8–20.8	33	20.8	15.2–27.7	103	64.8	57.1–71.8
Surgical mask	0	0.0	0.0–2.4	5	3.1	1.4–7.2	154	96.9	92.9–98.7
Particulate respirator	0	0.0	0.0–2.4	4	2.5	1.0–6.3	155	97.5	93.7–99.0
Eye protection	1	0.6	0.1–3.5	5	3.1	1.4–7.2	153	96.2	92.0–98.3

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 7. Protective practices in connection with the examination of reindeer's oral cavity as reported in 2009 by veterinarians in Finland (N=20)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n ^a	%	95% CI
Washing hands with water only	9	45.0	25.8–65.8	4	20.0	8.1–41.6	7	35.0	18.1–56.7
Washing hands with soap	14	70.0	48.1–85.5	5	25.0	11.2–46.9	1	5.0	0.9–23.6
Hand sanitizer	3	15.0	5.2–36.0	8	40.0	21.9–61.3	9	45.0	25.8–65.8
Examination gloves	4	20.0	8.1–41.6	10	50.0	29.9–70.1	6	30.0	14.6–51.9
Shoulder-length gloves	0	0.0	0.0–16.1	0	0.0	0.0–16.1	20	100.0	83.9–100.0
Work coat or similar	15	75.0	53.1–88.8	2	10.0	2.8–30.1	3	15.0	5.2–36.0
Waterproof apron	0	0.0	0.0–16.1	0	0.0	0.0–16.1	20	100.0	83.9–100.0
Headgear	3	15.0	5.2–36.0	2	10.0	2.8–30.1	15	75.0	53.1–88.8
Surgical mask	0	0.0	0.0–16.1	0	0.0	0.0–16.1	20	100.0	83.9–100.0
Particulate respirator	0	0.0	0.0–16.1	0	0.0	0.0–16.1	20	100.0	83.9–100.0
Eye protection	0	0.0	0.0–16.1	0	0.0	0.0–16.1	20	100.0	83.9–100.0

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 8. Protective practices in connection with investigation of the oral cavity of dog or cat as reported in 2009 by veterinarians in Finland (N=240)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	91	37.9	32.0–44.2	11	4.6	2.6–8.0	138	57.5	51.2–63.6
Washing hands with soap	171	71.3	65.2–76.6	27	11.3	7.9–15.9	42	17.5	13.2–22.8
Hand sanitizer	92	38.3	32.4–44.6	61	25.4	20.3–31.3	87	36.3	30.4–42.5
Examination gloves	69	28.8	23.4–34.8	120	50.0	43.7–56.3	51	21.3	16.6–26.9
Shoulder-length gloves	2	0.8	0.2–3.0	4	1.7	0.7–4.2	234	97.5	94.7–98.9
Work coat or similar	172	71.7	65.7–77.0	39	16.3	12.1–21.4	29	12.1	8.6–16.8
Waterproof apron	1	0.4	0.1–2.3	20	8.3	5.5–12.5	219	91.3	87.0–94.2
Headgear	4	1.7	0.7–4.2	20	8.3	5.5–12.5	216	90.0	85.6–93.2
Surgical mask	3	1.3	0.4–3.6	17	7.1	4.5–11.1	220	91.7	87.5–94.5
Particulate respirator	1	0.4	0.1–2.3	9	3.8	2.0–7.0	230	95.8	92.5–97.7
Eye protection	2	0.8	0.2–3.0	8	3.3	1.7–6.4	230	95.8	92.5–97.7

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 9. Protective practices when taking fecal samples from cattle as reported in 2009 by veterinarians in Finland (N=172)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	86	50.0	42.6–57.4	7	4.1	2.0–8.2	79	45.9	38.7–53.4
Washing hands with soap	131	76.2	69.3–81.9	15	8.7	5.4–13.9	26	15.1	10.5–21.2
Hand sanitizer	21	12.2	8.1–17.9	48	27.9	21.7–35.0	103	59.9	52.4–66.9
Examination gloves	56	32.6	26.0–39.9	26	15.1	10.5–21.2	90	52.3	44.9–59.7
Shoulder-length gloves	114	66.3	58.9–72.9	18	10.5	6.7–15.9	40	23.3	17.6–30.1
Work coat or similar	151	87.8	82.1–91.9	6	3.5	1.6–7.4	15	8.7	5.4–13.9
Waterproof apron	23	13.4	9.1–19.3	41	23.8	18.1–30.7	108	62.8	55.4–69.7
Headgear	27	15.7	11.0–21.9	35	20.4	15.0–27.0	110	64.0	56.6–70.8
Surgical mask	0	0.0	0.0–2.2	7	4.1	2.0–8.2	165	95.9	91.8–98.0
Particulate respirator	0	0.0	0.0–2.2	5	2.9	1.3–6.6	167	97.1	93.4–98.8
Eye protection	1	0.6	0.1–3.2	5	2.9	1.3–6.6	166	96.5	92.6–98.4

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 10. Protective practices in connection with calving assistance as reported in 2009 by veterinarians in Finland (N=183)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	96	52.5	45.3–59.6	8	4.4	2.2–8.4	79	43.2	36.2–50.4
Washing hands with soap	148	80.9	74.6–85.9	11	6.0	3.4–10.4	24	13.1	9.0–18.8
Hand sanitizer	42	23.0	17.5–29.6	50	27.3	21.4–34.2	91	49.7	42.6–56.9
Examination gloves	13	7.1	4.2–11.8	39	21.3	16.0–27.8	131	71.6	64.7–77.6
Shoulder-length gloves	18	9.8	6.3–15.0	82	44.8	37.8–52.1	83	45.4	38.3–52.6
Work coat or similar	100	54.6	47.4–61.7	17	9.3	5.9–14.4	66	36.1	29.5–43.2
Waterproof apron	145	79.2	72.8–84.5	23	12.6	8.5–18.2	15	8.2	5.0–13.1
Headgear	32	17.5	12.7–23.6	41	22.4	17.0–29.0	110	60.1	52.9–66.9
Surgical mask	0	0.0	0.0–2.1	6	3.3	1.5–7.0	177	96.7	93.0–98.5
Particulate respirator	1	0.6	0.1–3.0	4	2.2	0.9–5.5	178	97.3	93.8–98.8
Eye protection	1	0.6	0.1–3.0	5	2.7	1.2–6.2	177	96.7	93.0–98.5

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 11. Protective practices in connection with general examination of cage birds as reported in 2009 by veterinarians in Finland (N=101)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	42	41.6	32.5–51.3	2	2.0	0.5–6.9	57	56.4	46.7–65.7
Washing hands with soap	72	71.3	61.8–79.2	12	11.9	6.9–19.6	17	16.8	10.8–25.3
Hand sanitizer	43	42.6	33.4–52.3	30	29.7	21.7–39.2	28	27.7	19.9–37.2
Examination gloves	10	9.9	5.5–17.3	30	29.7	21.7–39.2	61	60.4	50.7–69.4
Shoulder-length gloves	0	0.0	0.0–3.7	1	1.0	0.2–5.4	100	99.0	94.6–99.8
Work coat or similar	75	74.3	65.0–81.8	17	16.8	10.8–25.3	9	8.9	4.8–16.1
Waterproof apron	0	0.0	0.0–3.7	4	4.0	1.6–9.7	97	96.0	90.3–98.5
Headgear	2	2.0	0.5–6.9	6	5.9	2.8–12.4	93	92.1	85.1–95.9
Surgical mask	0	0.0	0.0–3.7	4	4.0	1.6–9.7	97	96.0	90.3–98.5
Particulate respirator	1	1.0	0.2–5.4	6	5.9	2.8–12.4	94	93.1	86.4–96.6
Eye protection	1	1.0	0.2–5.4	5	5.0	2.1–11.1	95	94.1	87.6–97.3

CI, Confidence interval; n, number of participants choosing each option.

Supplementary Table 12. Protective practices in connection with the removal of dental calculus from dogs or cats as reported in 2009 by veterinarians in Finland (N=234)

	Always			Sometimes			Never		
	n	%	95 % CI	n	%	95% CI	n	%	95% CI
Washing hands with water only	93	39.7	33.7–46.1	9	3.9	2.0–7.2	132	56.4	50.0–62.6
Washing hands with soap	175	74.8	68.9–79.9	21	9.0	5.9–13.3	38	16.2	12.1–21.5
Hand sanitizer	94	40.2	34.1–46.6	59	25.2	20.1–31.2	81	34.6	28.8–40.9
Examination gloves	192	82.1	76.6–86.4	21	9.0	5.9–13.3	21	9.0	5.9–13.3
Shoulder-length gloves	2	0.9	0.2–3.1	4	1.7	0.7–4.3	228	97.4	94.5–98.8
Work coat or similar	172	73.5	67.5–78.8	29	12.4	8.8–17.2	33	14.1	10.2–19.1
Waterproof apron	12	5.1	3.0–8.8	24	10.3	7.0–14.8	198	84.6	79.4–88.7
Headgear	24	10.3	7.0–14.8	36	15.4	11.3–20.6	174	74.4	68.4–79.5
Surgical mask	89	38.0	32.1–44.4	31	13.3	9.5–18.2	114	48.7	42.4–55.1
Particulate respirator	31	13.3	9.5–18.2	13	5.6	3.3–9.3	190	81.2	75.7–85.7
Eye protection	24	10.3	7.0–14.8	36	15.4	11.3–20.6	174	74.4	68.4–79.5

CI, Confidence interval; n, number of participants choosing each option.