Supplementary Material

A Proactive Environmental Approach for Preventing Legionellosis in Infants: Water Sampling and Antibiotic Resistance Monitoring, a 3-Years Survey Program

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Samples	Sampling round	Year	Clinic	Sample site	Cold / Hot water	L. pneumophila (cfu/L)	L. pneumophila serogroup
S1	1st	2007	NCIU	sink tap	hot	0	0
S2	1st	2007	NCIU	sink tap	hot	0	0
S3	1st	2007	NCIU	sink tap	hot	0	0
S4	1st	2007	NCIU	sink tap	hot	0	0
S5	2nd	2007	NCIU	sink tap	hot	1.600	1
S6	2nd	2007	NCIU	sink tap	hot	1.000	1
S7	2nd	2007	NCIU	sink tap	hot	1.400	1
			Remedial action: th	ermal shock treatme	ent		
S8	3rd	2008	NCIU	sink tap	hot	0	0
S9	3rd	2008	NCIU	sink tap	hot	0	0
S10	3rd	2008	NCIU	sink tap	hot	0	0
S11	4th	2008	NCIU	sink tap	cold	0	0
S12	4th	2008	NCIU	sink tap	hot	0	0
S13	5th	2009	NCIU	sink tap	cold	120	1
S14	5th	2009	NCIU	sink tap	hot	100	1
			Installation of fi	ters in one sink tap			
S15	5th	2009	NCIU	sink tap with filter	cold	0	0

Table 1. Water samples in each sampling round, remedial actions taken in the event of contamination and Legionella pneumophila isolates in NCIU.

S16	5th	2009	NCIU	sink tap with filter	hot	0	0
S17	6th	2009	NCIU	sink tap	hot	0	0
S18	6th	2009	NCIU	sink tap	cold	0	0
S19	7th	2010	NCIU	sink tap with filter	hot	0	0
S20	7th	2010	NCIU	sink tap	hot	0	0
S21	7th	2010	NCIU	sink tap with filter	hot	0	0
S22	7th	2010	NCIU	sink tap	hot	2.000	1
S23	7th	2010	NCIU	sink tap	hot	21.500	1
]	Remedial action: th	nermal shock treatment			
S24	8th	2010	NCIU	sink tap	hot	1000	1
S25	8th	2010	NCIU	sink tap	cold	0	0
S26	8th	2010	NCIU	sink tap with filter	hot	0	0
S27	8th	2010	NCIU	sink tap with filter	cold	0	0
S28	8th	2010	NCIU	sink tap with filter	hot	0	0
S29	8th	2010	NCIU	sink tap	hot	0	0
]	Remedial action: th	ermal shock treatment			

Samples	Sampling round	Year	Clinic	Sample site	Cold / Hot water	L. pneumophila (cfu/L)	L. pneumophila serogroup
S44	1st	2008	Obstetrics clinic II	sink tap	cold	1.040	2-15
S45	1st	2008	Obstetrics clinic II	sink tap	hot	1.200	2-15
		Remedi	al action: thermal shock	treatment/ hyper	chlorination		
S46	2nd	2008	Obstetrics clinic II	sink tap	cold	0	0
S47	2nd	2008	Obstetrics clinic II	sink tap	hot	0	0
S48	2nd	2008	Obstetrics clinic II	sink tap	cold	0	0
S49	2nd	2008	Obstetrics clinic II	sink tap	hot	0	0
S50	3rd	2009	Obstetrics clinic II	sink tap	cold	0	0
S51	3rd	2009	Obstetrics clinic II	sink tap	hot	0	0
S52	3rd	2009	Obstetrics clinic II	sink tap	cold	0	0
S53	3rd	2009	Obstetrics clinic II	sink tap	hot	0	0
S54	4th	2009	Obstetrics clinic II	sink tap	cold	28.000	2-15
S55	4th	2009	Obstetrics clinic II	sink tap	hot	38.000	2-15
		Remedi	al action: thermal shock	treatment/ hyper	chlorination		
S56	5th	2010	Obstetrics clinic II	sink tap	hot	23.500	2-15

Table 2. Water samples in each sampling round, remedial actions taken in the event of contamination and Legionella pneumophila isolates in Obstetrics clinic II.

S301st2008Obstetrics clinic IIIsink tapcold00S311st2008Obstetrics clinic IIIsink taphot8.0002-15Remedial action: thermal shock treatmentS322nd2008Obstetrics clinic IIIsink taphot2.0002-15S332nd2008Obstetrics clinic IIIsink taphot00Remedial action: thermal shock treatmentS353rd2009Obstetrics clinic IIIsink taphot5.6002-15S363rd2009Obstetrics clinic IIIsink tapcold00S373rd2009Obstetrics clinic IIIsink taphot3202-15Remedial action: thermal shock treatmentS384th2009Obstetrics clinic IIIsink tapcold00S394th2009Obstetrics clinic IIIsink taphot31.5002-15Remedial action: thermal shock treatmentS405th2010Obstetrics clinic IIIsink tapcold00		-					о́ т т	
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Save Ath2009 Obstetrics clinic III sink tapcold00S384th2009 Obstetrics clinic III sink tapcold00S394th2009 Obstetrics clinic III sink taphot31.5002-15Emerital action: thermal shock treatmentS405th2010 Obstetrics clinic III sink tapcold00	S36	3rd	2009	Obstetrics clinic III	sink tap	cold	0	0
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S394th2009Obstetrics clinic IIIsink taphot31.5002-15Remedial action: thermal shock treatmentS405th2010Obstetrics clinic IIIsink tapcold00				Re	medial action: t	hermal shock treatme	ent	
Remedial action: thermal shock treatmentS405th2010Obstetrics clinic IIIsink tapcold00	S38	4th	2009	Obstetrics clinic III	sink tap	cold	0	0
S405th2010Obstetrics clinic IIIsink tapcold00	S39	4th	2009	Obstetrics clinic III	sink tap	hot	31.500	2-15
1				Re	medial action: t	hermal shock treatme	ent	
	S40	5th	2010	Obstetrics clinic III	sink tap	cold	0	0
S41 5th 2010 Obstetrics clinic III sink tap hot 0 0	S41	5th	2010	Obstetrics clinic III	sink tap	hot	0	0
S42 6th 2010 Obstetrics clinic III sink tap hot 51.800 2-15	S42	6th	2010	Obstetrics clinic III	sink tap	hot	51.800	2-15
S43 6th 2010 Obstetrics clinic III sink tap cold 0 0	S43	6th	2010	Obstetrics clinic III	sink tap	cold	0	0
Remedial action: thermal shock treatment				Re	medial action: t	hermal shock treatme	ent	

Table 3. Water samples in each sampling round, remedial actions taken in the event of contamination and Legionella pneumophila isolates in Obstetrics clinic III.