Country	Years data collection	Study description	Location	Sample size	Age group (years)	Main results and comments	Reference
Mexico	1989 - 1991	Retrospective analysis of collected stool samples from previous AGE cohort study	С	115	< 2	Prevalence of NoV among AGE cases 8% (9/115)	A1
Brazil	1994 - 2002	Retrospective analysis of collected stool samples from hospitals	Н	1006	< 5	Prevalence of HuCV among AGE cases 9% (87/1006)	A2
Peru	1995 - 1997	Prospective hospital surveillance	Н	233	< 5	Prevalence of NoV among AGE cases 35% (81/233)	A3
Brazil	1995 - 1999	Retrospective analysis of collected stool samples from hospitals	Н	94	< 3	Prevalence of NoV among AGE cases 36% (34/94)	A4
Argentina	1997 - 1998	Retrospective analysis of collected stool samples from previous AGE surveillance study	О	66	< 3	Prevalence of HuCV among AGE cases 24% (16/66)	A5
Chile	1997 - 1999	Prospective outpatient and hospital surveillance	O/ER/H	684	< 6	Prevalence of NoV among AGE cases (O) 7% (18/274) Prevalence of NoV among AGE cases (ER) 10% (26/248) Prevalence of NoV among AGE cases (H) 6% (9/162)	A6
Mexico	1998 - 2000	Prospective hospital surveillance	Н	1129	< 5	Prevalence of NoV among AGE cases 2% (22/1129) Only samples negative for other pathogens were tested for NoV	A7
Colombia	1999 - 2000	Prospective ER surveillance	ER	300	< 5	Prevalence of HuCV among AGE cases	A8

## SDC1 Table. Summary of characteristics of the studies included in the systematic review

						10% (30/300)	
Brazil	2000 - 2004	Prospective hospital surveillance	Н	406	< 4	Prevalence of NoV among AGE cases 8% (31/406)	A9
Venezuela	2003	Retrospective analysis of collected stool samples from hospitals	Н	480	< 5	Prevalence of NoV among AGE cases 13% (61/480)	A10
Brazil	2003 - 2004	Prospective ER surveillance	ER	229	< 3	Prevalence of NoV among AGE cases 17% (40/229) Prevalence of NoV among asymptomatic cases 13% (12/90)	A11
Peru	2003 - 2006	Prospective cohort study	С	263	< 6	Prevalence of NoV among AGE cases 21% (56/263) Prevalence of NoV among asymptomatic cases 8% (6/75)	A12
Brazil	2004	Prospective hospital surveillance	Н	318	NS - children	Prevalence of NoV among AGE cases 20% (65/318)	A13
Brazil	2004 - 2006	Prospective hospital surveillance	Н	64	< 13	Prevalence of NoV among AGE cases 36% (23/64)	A14
Nicaragua	2005 - 2006	Prospective outpatient and hospital surveillance	O/H	542	< 6	Prevalence of NoV among AGE cases (O) 11% (45/409) Prevalence of NoV among AGE cases (H) 15% (20/133)	A15
Nicaragua	2005 - 2006	Prospective community surveillance asymptomatic NoV infection	С	163	< 6	Prevalence of NoV among asymptomatic cases 12% (19/163)	A16
Chile	2006 - 2008	Prospective cohort study	0	145	< 1.5	Prevalence of NoV among AGE cases 18% (26/145) Not all samples were tested for NoV by RT-PCR	A17

Chile	2006 - 2008	Prospective outpatient and hospital surveillance	O/ER/H	1913	< 6	Prevalence of NoV among AGE cases (O) 14% (49/359) Prevalence of NoV among AGE cases (ER/H) 19% (287/1554) Only 46% of the samples were tested by RT-PCR	A18
Peru	2006 - 2008	Prospective cohort study	С	587	< 2	Prevalence of NoV among AGE cases 7% (39/587) Only samples negative for other pathogens were tested for NoV	A19
Chile	2007 - 2008	Prospective hospital surveillance	Н	92	< 15	Prevalence of NoV among AGE cases 22% (20/92) Prevalence of NoV among asymptomatic cases 4% (2/57)	A20
Brazil	2007 - 2009	Prospective community surveillance	С	131	< 11	Prevalence of NoV among AGE cases 9% (12/131) Prevalence of NoV among asymptomatic cases 2% (4/266) Data collection carried out after RV vaccine introduction - VC of study population not specified Study carried out in the Quilombola community	A21
Guatemala	2007 - 2010	Prospective outpatient and hospital surveillance	O/H	2403	All	Prevalence of NoV among AGE cases (O) 12% (227/1875) Prevalence of NoV among AGE cases (H) 22% (114/528)	A22

Peru	2007 - 2011	Prospective cohort study	С	1495	< 2	Incidence of NoV disease 29 - 84 per 100PY Prevalence of NoV among AGE cases 23% (341/1495) Prevalence of NoV among asymptomatic cases 13% (491/3690) Data collection partially carried out after RV vaccine introduction - VC of study population not specified	A23
Brazil	2008 - 2010	Prospective community surveillance	С	81	< 10	Prevalence of NoV among AGE cases 20% (16/81) Prevalence of NoV among asymptomatic cases 0% (0/78) Data collection carried out after RV vaccine introduction - VC of study population not specified Study carried out in the Quilombola community	A24
Nicaragua	2009 - 2010	Prospective outpatient and hospital surveillance	O/ER/H	330	< 6	Prevalence of NoV among AGE cases (O) 21% (32/155) Prevalence of NoV among AGE cases (ER/H) 27% (47/175) Data collection carried out after RV vaccine introduction - 95% of the study population received at least 1 dose of RV vaccine	A25

Ecuador	2009 - 2012	Prospective cohort study	С	438	< 3	Incidence of NoV disease 17 per 100PY Prevalence of NoV among AGE cases 18% (79/438) Prevalence of NoV among asymptomatic cases 18% (181/1016) Data collection carried out after RV vaccine introduction - VC of study population not specified	A26
Nicaragua	2010 - 2011	Prospective community surveillance	С	333	< 5	Incidence of NoV disease 23 per 100PY Prevalence of NoV among AGE cases 20% (68/333) Prevalence of NoV among asymptomatic cases 13% (14/106) Data collection carried out after RV vaccine introduction - 82% of the study population received at least 1 dose of RV vaccine	A27
Brazil	2010 - 2011	Retrospective analysis of collected stool samples from hospitals	Н	225	NS - children	Prevalence of NoV among AGE cases 8% (19/225) Data collection carried out after RV vaccine introduction - VC of study population not specified	A28
Cuba	2010 - 2011	Prospective hospital surveillance	Н	88	< 5	Prevalence of NoV among AGE cases 32% (28/88)	A29
Brazil	2010 - 2012	Prospective hospital surveillance	Н	591	< 6	Prevalence of NoV among AGE cases 8% (46/591) 12/46 NoV infections were nosocomial AGE Data collection carried out after RV vaccine introduction - VC of study	A30

						population not specified	
Brazil	1970 - 1978	Seroprevalence survey	С	460	All	Seroprevalence of GI.1 Ab 77% (354/460) Study conducted among 8 Amazon Indian tribes	A31
Brazil	1989 - 1993	Seroprevalence survey in a cohort study	С	135	< 5	Seroprevalence of GI.1 Ab 71% (96/135)	A32
Chile	1990 - 1991	Seroprevalence survey	С	1864	< 46	Seroprevalence of GI.1 Ab 2% (30/1864) Seroprevalence of GII.3 Ab 16% (305/1864)	A33
Mexico	1993 - 1995	Seroprevalence survey	С	495	All	Seroprevalence of GII.3 Ab 57% (280/495)	A34
Guatemala	1999	Seroprevalence survey	С	544	< 3	Seroprevalence of GI.1 Ab 72% (388/544)	A35
Guatemala	2001 - 2002	Seroprevalence survey in the context of a clinical trial	С	52	< 2	Seroprevalence of NoV Ab 58% (30/52) NoV genotype tested for not specified	A36
Chile	2000 - 2003	Outbreak surveillance	С	55	All	Prevalence of NoV among AGE outbreaks 45% (25/55)	A37
Brazil	2009	Outbreak surveillance	С	391	All	Prevalence of NoV among AGE outbreaks 4% (15/391)	A38

NoV: Noroviruses; HuCV: Human caliciviruses; RV: Rotavirus; C: Community; ER: Emergency room; H: Hospital; Ab: Antibodies; VC: vaccination coverage.

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