



InfoVac survey on rotavirus vaccination - 2007/08

- **Intention**

To feel the pulse among primary care physicians regarding the need for routine rotavirus immunization.

- **Method**

- web-based questionnaire (www.infovac.ch).
- Invitation for participation sent to InfoVac subscribers by e-mail.
- 1 single reminder e-mail sent after 3 weeks.
- web questionnaire open for responses for a duration of 6 weeks.
- 8 questions + demographic data.

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RV questionnaire – response rate / I

Infovac subscribers (n)	3'799
Participants (n)	977
Participation rate (%)	26

Response rate according to physician specialty			
Specialty	Participants	Subscribers	Rate (%)
Pediatrician	489	1'304	38*
GP	282	1'069	26*
Internist	116	375	31*
Other	90	1'051	9
Total	977	3'799	26

*p < 0.0001

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RV questionnaire – response rate / II

Infovac subscribers (n)	3'799
Participants (n)	977
Participation rate (%)	26

Response rate according to the area of residence			
Area	Participants	Subscribers	Rate (%)
German	488	2'473	20**
French*	280	1'135	25**
Tessin	30	132	23**
Abroad	0	59	0
Total	798	3'740	21

*Cantons GE, VD, VS, FR, NE, JU; **p < 0.003

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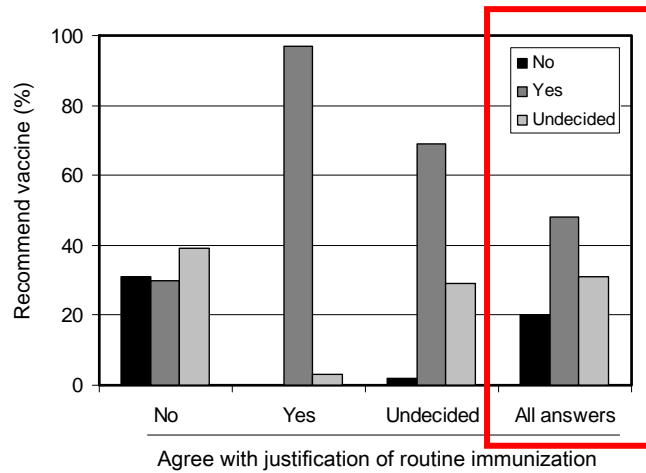
RV questionnaire – specific responses

Question 1 Does the burden of disease inflicted by RV justify routine immunization in Switzerland ?

Response	n (%)
No	620 (64)
Yes	146 (15)
Undecided	197 (20)
Total	963

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Question 2 If officially recommended and reimbursed, would you recommend the RV vaccine to the parents ?



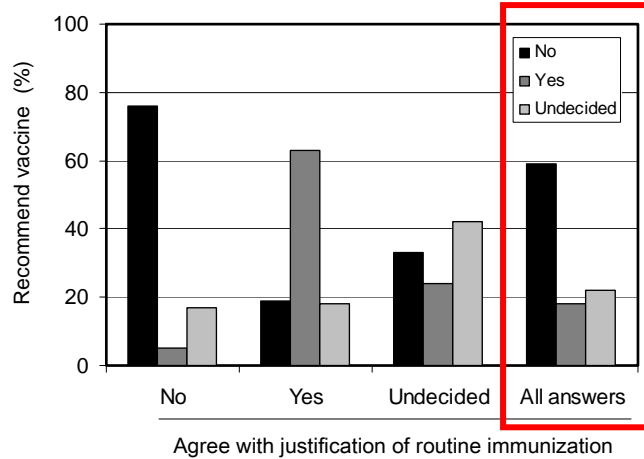
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Question 3 Estimated level of acceptance of the RV vaccine by parents if costs **are reimbursed** ?

Response	n (%)
< 20%	99 (10)
20-40%	294 (31)
40-60%	298 (32)
60-80%	206 (21)
> 80%	60 (6)

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Question 4 If officially recommended, but **NOT reimbursed**, would you recommend the RV vaccine ?



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Question 5 Estimated level of acceptance of the RV vaccine by parents if costs are **NOT reimbursed** ?

Response	n (%)
< 20%	603 (63)
20-40%	251 (26)
40-60%	86 (9)
60-80%	12 (1.3)
> 80%	2 (0.2)

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RV questionnaire – specific responses

Question 1 Does the burden of disease inflicted by RV justify routine immunization in Switzerland ?

- **Female** physicians were **more likely to answer NO** than male physicians (67% vs. 63%, $p = 0.03$).
- **Pediatricians** were **more likely to answer YES** than non-pediatricians (19% vs. 11%, $p = 0.01$).
- **Hospital physicians** were **more likely to answer YES** than private practice physicians (34% vs. 13%, $p < 0.0001$)
- **French speaking physicians** were **more likely to answer YES** than others (22% vs. 13%, $p < 0.0001$).

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RV questionnaire – specific responses

Question 6 Would you immunize your own child against RV ?

Response	n (%)
No	615 (64)
Yes	146 (15)
Undecided	194 (20)
Total	955 (100)

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RV questionnaire – specific responses

Question 6 Would you immunize your own child against RV ?

..... and the general attitude towards routine RV immunization

Immunize own child	Routine RV YES	Would recommend RV vaccine if	
		reimbursed	if not reimbursed
NO	15%	18%	2%
YES	92%	94%	51%
UNDECIDED	48%	43%	5%

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RV questionnaire – specific responses

Question 7 Would it change your clinical management of gastroenteritis if you knew that the patient were immunized against RV ?

Response	n (%)
No	806 (84)
Yes	57 (6)
Undecided	98 (10)
Total	961 (100)

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RV questionnaire – specific responses

Question 8 Have you already used the RV vaccine ?

Response	n (%)
No	899 (94)
Yes	60 (6)
Undecided	0
Total	959 (100)

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Conclusions

- A **two-third majority** indicates that in their opinion RV routine immunization is not justified.
- Only **20%** would decidedly NOT recommend the RV vaccine to their patients, if it were officially recommended **AND** reimbursed.
- **60%** would decidedly NOT recommend the RV vaccine to their patients if it were officially recommended **BUT NOT** reimbursed.
- **Non-reimbursement** is expected to result in **low parental acceptance** of the vaccine (90% of participants expect acceptance rate < 40%).

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