








**Table I. Case 1. Response rates and year-to-year comparison  
Simple urinary tract infection (30 year old woman)**

Subquestions (Number of responses (%))	1991 (n=145)	1995 (n=163)	2014 (n=339)	†2014 (n=86)	Total (n=647)
<b>First line antibiotic:</b>					
Trimethoprim-sulfa	63 (43)	74 (45)	44 (13)	7 (8)	181 (28)
 Nitrofurantoin	5 (3)	6 (4)	49 (14)	15 (17)	60 (9)
 Pivmecillinam	39 (27)	18 (11)	126 (37)	33 (38)	183 (28)
 Trimethoprim	25 (17)	51 (31)	70 (21)	26 (30)	146 (28)
<b>Duration of treatment:</b>					
1 dose	3 (2)	3 (2)	2 (1)	1 (1)	8 (1)
 1-3 days	22 (15)	23 (14)	110 (32)	24 (28)	155 (24)
4-8 days	100 (69)	116 (71)	201 (59)	57 (66)	417 (65)
9-14 days	16 (11)	10 (6)	7 (2)	0 (0)	33 (5)
>14 days	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
No response	4 (3)	11 (7)	19 (6)	4 (5)	34 (5)


†Answers from general practitioners only

Directorate of Health, Iceland () refers to the recommended option in the clinical guidelines for diagnosis and treatment of urinary tract infections




**Table II.** Case 2. Response rates and year-to-year comparison  
**Acute otitis media (11-month-old baby)**

Subquestions (Number of responses (%))	1991 (n=145)	1995 (n=163)	2014 (n=339)	†2014 (n=86)	Total (n=647)
<b>Antibiotic treatment:</b>					
Always	114 (79)	103 (63)	108 (32)	31 (36)	325 (50)
Usually	20 (14)	56 (34)	118 (35)	27 (31)	194 (30)
Occasionally	4 (3)	1 (1)	79 (23)	24 (28)	84 (13)
Never	1 (1)	0 (0)	13 (4)	4 (5)	14 (2)
No response	6 (4)	3 (2)	21 (6)	0 (0)	30 (5)
<b>First line antibiotic:</b>					
 Amoxicillin	89 (61)	112 (69)	198 (58)	56 (65)	399 (62)
Amoxicillin/clavulanic acid	2 (1)	8 (5)	73 (22)	15 (17)	83 (13)
Trimethoprim-sulfa	8 (6)	10 (6)	0 (0)	0 (0)	18 (3)
Phenoxymethylpenicillin	42 (30)	25 (15)	32 (9)	11 (13)	99 (15)
<b>Duration of treatment:</b>					
1-3 days	0 (0)	0 (0)	6 (2)	1 (1)	6 (1)
 4-8 days	99 (68)	129 (79)	262 (77)	78 (91)	490 (76)
9-14 days	39 (27)	27 (17)	36 (11)	3 (3)	102 (16)
>14 days	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
No response	7 (5)	7 (4)	35 (10)	4 (5)	49 (8)


†Answers from general practitioners only

Directorate of Health, Iceland () refers to the recommended option in the clinical guidelines for diagnosis and treatment of acute otitis media

**Tafla III.** Case 3. Response rates and year-to-year comparison  
**Pharyngitis (7 year old child)**

Subquestions (Number of responses (%))	1991 (n=145)	1995 (n=163)	2014 (n=339)	†2014 (n=86)	Total (n=647)
<b>Throat culture or rapid diagnostic test:</b>					
 Always	21 (14)	23 (14)	171 (50)	32 (37)	215 (33)
Usually	43 (30)	69 (42)	109 (32)	38 (44)	221 (34)
Occasionally	68 (47)	61 (37)	36 (11)	14 (16)	165 (26)
Never	12 (8)	8 (5)	8 (2)	2 (2)	28 (4)
No response	1 (1)	2 (1)	15 (4)	0 (0)	18 (3)
<b>First line antibiotic:</b>					
 Phenoxyethylpenicillin	131 (90)	152 (93)	274 (81)	81 (94)	557 (86)
Amoxicillin	8 (6)	3 (2)	27 (8)	1 (1)	38 (6)
<b>Duration of treatment:</b>					
1-4 days	3 (2)	1 (1)	3 (1)	0 (0)	7 (1)
5-9 days	73 (50)	62 (38)	128 (38)	18 (21)	263 (41)
 10-12 days	58 (40)	85 (52)	184 (54)	67 (78)	327 (51)
>12 days	2 (1)	0 (0)	2 (1)	1 (1)	4 (1)
No response	9 (6)	15 (9)	22 (6)	0 (0)	46 (7)

†Answers from general practitioners only

Directorate of Health, Iceland () refers to recommended option in the clinical guidelines for diagnosis and treatment of pharyngitis