

Table 2 (extended version). Mean percentage(rounded to one decimal) of words used in a tutorial dialogue for all codes per coding category in both the reporting and analysis phase of diagnostic reasoning and number of TDs in which they occurred.

	Phase of reporting of diagnostic reasoning		Phase of analysis of diagnostic reasoning		Total	
	% words (<i>range</i>)	In N TDs	% words (<i>range</i>)	In N TDs	% words	In N TDs
Diagnostic reasoning	17.1 (0.0-35.7)	16	49.1 (22.5-75.4)	17	66.2	17
Presentation of patient	8.2 (0-23.4)	14	1.1 (0-10.7)	6	9.3	15
Differential diagnosis	0.1 (0-1.0)	2	8.2 (0.6-29.7)	17	8.3	17
Medical/epidemiological/ therapeutic knowledge	0.2 (0-1.1)	6	7.9 (0.4-56.7)	17	8.1	17
Making diagnostic considerations more explicitly	0.3 (0-1.6)	6	6.5 (0.5-19.3)	17	6.8	17
Making relevant history more explicitly	1.4 (0-4.8)	13	3.3 (0-7.9)	15	4.7	16
Physical examination	2.4 (0-8.6)	14	2.3 (0-8.2)	14	4.7	15
History-taking	1.6 (0-3.7)	14	2.3 (0-8.8)	15	3.9	16
Contextual information	0.9 (0-4.1)	11	2.3 (0-8.6)	15	3.2	15
Reflection upon diagnostic process	0.0	0	3.0 (0-11.2)	12	3.0	12
Experiential knowledge	0.4 (0-3.0)	6	1.9 (0-10.4)	14	2.3	14
Lab/X	0.4 (0-1.7)	10	1.5 (0-11.1)	8	1.9	11
Use of patient records	0.3 (0-2.5)	7	1.3 (0-7.6)	8	1.6	10
Criticising colleague	0.1 (0-1.3)	1	1.1 (0-17.1)	3	1.2	3
Considerations about referrals	0.0	0	0.8 (0-4.1)	7	0.8	7
Summarizing problems or questions	0.2 (0-1.1)	4	0.6 (0-3.6)	6	0.8	9
Observation	0.0 (0-0.3)	3	0.7 (0-5.3)	6	0.7	7
Seriousness	0.0	0	0.6 (0-3.0)	9	0.6	9
Analysis of diagnostics in secondary care	0.0	0	0.6 (0-6.2)	4	0.6	4
Errors	0.0 (0-0.5)	1	0.5 (0-4.0)	4	0.5	5
Interfering factors	0.0	0	0.5 (0-5.7)	4	0.5	4
Searching for data in literature or internet	0.1 (0-0.9)	2	0.3 (0-2.5)	3	0.4	4
Lack of knowledge	0.1 (0-0.8)	2	0.3 (0-2.0)	7	0.4	8
Analysis of a colleague's diagnostics	0.0	0	0.3 (0-1.8)	4	0.3	4
Empathy	0.0 (0-0.2)	1	0.3 (0-2.3)	4	0.3	4
No diagnosis	0.1 (0-1.3)	2	0.1 (0-0.7)	4	0.2	6
Fear of errors/uncertainty	0.0	0	0.2 (0-2.1)	2	0.2	2
Effect of earlier therapy	0.0	0	0.2 (0-1.1)	5	0.2	5

Risk estimation	0.1 (0-1.0)	1	0.1 (0-0.7)	3	0.2	3
Scientific evidence	0.0	0	0.2 (0-2.4)	2	0.2	2
Triggers	0.1 (0-1.4)	2	0.0 (0-0.8)	1	0.1	2
Explicating the seriousness of the situation	0.1 (0-1.4)	2	0.0	0	0.1	2
'This is not normal'	0.0	0	0.1 (0-1.0)	3	0.1	3
Intuitive considerations	0.0	0	0.1 (0-0.5)	4	0.1	4
Gut Feelings	0.2 (0-1.2)	4	2.9 (0- 43.6)	6	3.1	7
Significance	0.1 (0-0.8)	3	0.4 (0-4.0)	5	0.5	5
Process	0.0 (0-0.3)	1	0.5 (0-7.8)	2	0.5	3
Description	0.0	0	0.4 (0-7.1)	2	0.4	2
Triggers, cues	0.0 (0-0.6)	1	0.4 (0-7.1)	2	0.4	3
Learning process	0.0	0	0.4 (0-6.2)	1	0.4	1
Validity	0.0	0	0.3 (0-4.4)	1	0.3	1
Determinants	0.0	0	0.2 (0-3.4)	2	0.2	2
Example	0.1 (0-0.9)	1	0.2 (0-2.8)	1	0.2	2
GP traineeship	0.0	0	0.1 (0- 0.9)	1	0.1	1
Out-of-office hours	0.0	0	0.1 (0- 0.8)	1	0.1	1
Shared decision-making	0.0	0	0.0 (0-0.5)	1	0.0	1
Diagnostic reasoning process	0.5 (0-5.9)	7	0.2 (0-1.5)	4	0.7	10
Pattern recognition	0.4 (0-5.3)	3	0.11 (0-1.53)	2	0.5	5
Recall problems	0.1 (0-0.1)	3	0.0 (0-0.25)	1	0.1	4
Shared decision-making	0.0	0	0.0 (0-0.5)	1	0.0	1
Management	4.4 (0-9.6)	16	11.8 (4.4-30.4)	17	16.2	17
Diagnosis related management	0.9 (0-6.8)	7	6.3 (1.8-15.8)	17	7.2	17
Nature of management	2.0 (0-4.0)	16	3.7 (0.5-14.1)	17	5.7	17
Organizational considerations	0.4 (0-3.7)	6	1.6 (0-12.9)	9	2.0	10
Consultation with hospital specialist	0.7 (0-4.4)	6	0.0	0	0.7	6
Defensive attitude	0.2 (0-3.4)	1	0.1 (0-1.8)	2	0.3	3
Safety-netting	0.1 (0-0.7)	3	0.1 (0-1.0)	2	0.2	3
Responsibility in primary care	0.0 (0-0.6)	1	0.0	0	0.0	1
Communication	1.6 (0-7.4)	11	3.0 (0-14.7)	10	4.6	15
Structuring the TD	*		*		6.3 (3.4-10.6)	17
Unspecified	*		*		3.0 (0.4-8.4)	17

*Specification not useful.

