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Appendix 1: Patient Experiences Questionnaire of QUALICOPC

Question	Response categories
1. How would you describe your own health in general?	□ Very good
	Good
	🗖 Fair
	D Poor
2. Do you have a longstanding disease or condition such as high blood pressure, diabetes, depression, asthma or another longstanding condition?	□ Yes □ No
3. Do you have your own doctor (for instance a GP) whom you	Yes, the doctor I just visited
normally consult first with a health problem?	□ Yes, but another doctor in this practice or centre
	\Box Yes, but another doctor from somewhere else
	□ No, I do not have my own doctor
4. In the last 6 months, how often have you visited or consulted a GP	This was the first time in the past 6 months
(this GP or another one)?	Once before this visit
	\Box 2 to 4 times before this
	\Box 5 times or more before this
5 What must de main margan fan marganisit ta dhia CD ta daw? (Marg	Don't know
5. What was the main reason for your visit to this GP today? (More	 Because you were ill or didn't feel well For a medical check up
than one answer possible)	To get a repeat prescription
	☐ To get a referral
	To get a medical certificate
	□ For a second opinion
	□ Other reason
6. Think about the consultation that you just finished. Do you agree	
with the following:	Yes No
6.1. The doctor had my medical records at hand	
6.2. The doctor was polite	
6.3. The doctor listened carefully to me	
6.4. The doctor hardly looked at me when we talked	
6.5. The doctor asked questions about my health problem	
6.6. I couldn't really understand what the doctor was trying to explain	
6.7. The doctor took sufficient time	
6.8. The doctor involved me in making decisions about treatment	
6.9. I would recommend this doctor to a friend or relative	
6.10. The doctor asked about possible other problems besides the one I just came for	
7. If you were to need an interpreter to help you speak with a doctor in	□ I never need an interpreter
this practice, is such a service available?	Yes, it is always available
	□ Yes, it is usually available
	\Box No, it is insufficiently or not available
	Don't know
8. Think about the doctor you visited today. Do you agree with the	Yes No Don't
following: 8.1. He/she knows important information about my medical	know
background	
8.2. He/ she knows about my living situation	
8.3. This doctor doesn't just deal with medical problems but can also	
help with personal problems and worries	
8.4. After this visit, I feel I can cope better with my health problem/	
illness than before	
9. In the past 12 months, has a GP from this practice talked to you	
about how to stay healthy? (For instance about diet, alcohol or	
smoking)	Don't know
10. In past 2 years, has a GP from this practice ever asked you about all	□ Yes
the medications you take (also those prescribed by other doctors)?	□ No □ Don't know

Question	Response categories
11. Think about the practice that you visited today. Do you agree with	Yes No Don't
the following:	know
11.1. The opening hours are too restricted	
11.2. If I need a home visit I can get one	
11.3. The practice is too far away from where I am living or working	
11.4. When I called this practice, I had to wait too long to speak to	
someone	
11.5. I know how to get evening, night and weekend services	
11.6. People were polite and helpful at the reception desk	
12. How long does it usually take you to travel from your home to this	Less than 20 minutes
practice?	\square 20-40 minutes
p	\square 40-60 minutes
	□ More than 1 hour
	Don't know
13. Did you make an appointment for this visit to your doctor?	T Yes
	\Box No \rightarrow Go to question 16
14. Was it is easy to get the appointment?	□ Yes
	🗖 No
15. How many days did you wait for this visit?	□ I made the appointment earlier today
	□ I made the appointment yesterday
	□ I waited 2-7 days
	I waited more than a week
	Don't know
16. How long did you wait today between arriving in the practice and	Less than 15 minutes
the consultation?	1 5-30 minutes
	3 0-45 minutes
	4 5-60 minutes
	□ More than an hour
	Don't know
17. Do you think it is too difficult to see a GP during evenings, nights	□ Yes □ No □ Don't know
and weekends?	V N D L1
18. In the past 12 months, has one of the following happened to you in	Yes No Don't know
this practice?	
18.1. The doctor or staff acted negatively to you 18.2. Other patients were treated better than you	
18.3. The doctor was too much concerned about money	
18.4. The doctor or staff showed disrespect because of your ethnic	
background	
18.5. The doctor or staff showed disrespect because of your gender	
19. In the past 12 months, have you ever had the following experiences	Yes No Don't know
in this practice:	
19.1. I thought tests or examinations were repeated unnecessarily	
19.2. I thought I got the wrong medication or wrong dose	
19.3. I thought I got incorrect results of a test or X-ray	
20. If you are unhappy with the treatment you received, do you think	
this doctor would be prepared to discuss it with you?	
· · · · · · · · · · · · · · · · · · ·	Don't know
21. In the past 12 months, did you postpone or abstain from a visit to	□ Yes
this doctor or another GP when you needed one?	\square No \rightarrow Go to question 23
-	-
22. What was the most important reason why you did not visit a GP? (More than one answer possible)	□ I did not have insurance □ Other financial reasons
(more than one answer possible)	□ I could not get there (physically)
	□ I could not get there (physically) □ I was too busy
	□ Other reason
23. How many times in the past 12 months, have you consulted a	
medical specialist for yourself?	□ Once or twice
incurcai specialist for yoursell?	\Box 3 to 5 times
	$\square 6$ to 10 times
	☐ More than 10 times

Question	Response categories
24. Do you agree with the following statements:	Yes No Don't Not
	know applicable
24.1. If I visit another GP besides my own GP, he/she has the necessary	
information about me	
24.2. When I am referred, my GP informs the medical specialist about	
my illness 24.3. When I am referred, my GP decides to whom I should go	
24.5. when I am referred, my OF decides to whom I should go	
24.4. After treatment by a medical specialist, my GP knows the results	
2 Ther deallent by a medical spectanist, my or knows die results	
24.5. It is difficult to get a referral to a medical specialist from my GP	
25. In the last 12 months, how often did you visit a hospital emergency	$\Box \text{ Never } \rightarrow \text{ Go to question } 27$
department for yourself?	\square 1 time
	\Box 2 or 3 times
26. Why did you go to the emergency department instead of going to a	☐ 4 or more times ☐ I had something GPs do not treat
GP? (More than one answer possible)	There was no GP available
Gr. (More than one answer possible)	For financial reasons
	At the emergency department, I expected a shorter
	waiting time
	The emergency department provides better care
	□ The emergency department is more convenient to
	reach
	\Box Other reason(s)
27. In the past 12 months, have you been examined or treated by a	
nurse at your GP's practice?	□ No □ Don't know
28. Would most people visit a GP for the following?	
1. Cut finger that needs to be stitched	Yes Probably Probably No Don't
2. Removal of a wart	yes not know
3. Routine health checks	
4. Deteriorated vision	
5. Help to quit smoking	
6. A child with a severe cough	
7. Stomach pain	
8. Blood in the stool9. Sprained ankle	
10. Anxiety	
10. AnAlty	
11. Domestic violence	
12. Sexual problems	
13. Relationship problems	
14. Advice for choosing the best hospital or specialist for a certain	
treatment	
29. How important would it be for you to see a doctor if you had:	Extremely Rather Somewhat Not
1. Weight loss of more than 2 kilograms in a month when not dieting	Important important important
2. Shortness of breath with light exercise or light work	
3. Chest pain when exercising	
4. Loss of consciousness, fainting or passing out	
5. Headache for more than one day	
6. Abdominal pain for more than one day	
7. Severe worries for more than a month	
30. Do you expect to benefit from a GP visit for:	Yes No Don't know
1. Stomach problems	
2. Shoulder and neck pain	
 Feeling nervous Diarrhoea 	
4. Diarnoea 5. Sore throat	
6. Headache	
7. Feeling tired	
8. Flu	
9. Feeling nauseous	

Question	Response categories			
	Strongly Agree Disagree Strongly			
31. Do you agree with the following statements:	agree disagree			
1. In general, doctors can be trusted				
2. In general, people can be trusted				
32. Are you male or female?	□ Male □ Female			
33. What is your year of birth? Please fill in:	Year of birth: 19			
34. Where were you born?	□ In this country			
	□ In another EU country			
	□ In a European country outside the EU			
	North America, Australia or New Zealand			
	□ In another country			
35. Where was your mother born?	□ In this country			
	□ In another EU country			
	□ In a European country outside the EU			
	North America, Australia or New Zealand			
	□ In another country			
36. Are there other adults in your household (including children older	T Yes			
than 18)?	🗖 No			
37. Are there any children (under 18) in your household?	🗖 Yes			
38. How would you describe your current occupation or employment	Employed (including civil service)			
status? (More than one answer possible)	Self employed or family business			
	□ Student			
	□ Looking for a job (unemployed)			
	□ Unable to work due to illness or disability			
	□ Retired			
	☐ Mainly homemaker (including looking after children			
	etc)			
39. What is the highest level of education that you achieved?	□ No qualifications / Pre-primary education (incl)			
	or primary education (incl) or lower secondary			
	education (incl)			
	□ Upper secondary education (incl)			
	□ Post-secondary, non-tertiary education (incl) or higher			
40. How well do you speak an official language of this country [fill in	☐ Fluently/native speaker level			
anguage(s)]?	□ Sufficiently			
ianguagu(s)]:	□ Moderately			
	Poorly			
	□ Not at all			
41. Compared to the average in this country, would you say your	□ Rot at an □ Below average			
household's income is:	☐ Below average			
nousenou s income is.	 Around average Above average 			

Appendix 2: Patient Values questionnaire of the QUALICOPC study

Question	Respons	e categor	ies	-
1. How would you describe your own health in general?	□ Very §			
1.1.0. would you describe your own noardr in general:	Good	5004		
	☐ Fair			
	D Poor			
2. Do you have a longstanding disease or condition such as high blood pressure,	□ Yes			
diabetes, depression, asthma or another longstanding condition?	\square No			
3. How important are the following to you:	Not	Somewh	at Impor	rtant Very
		t importai		important
1. That this doctor has my medical records at hand				
2. That this doctor is polite				
3. That this doctor asks questions about my health problem				
4. That I understand clearly what this doctor explains				
5. That this doctor involves me in making decisions about treatment				
6. That this doctor asks about possible other problems besides the one I come for				
7. That people at the reception desk are polite and helpful				
4. How important are the following to you:	Not	Somewh	at Impo	rtant Very
	importan	t importai		important
1. That this doctor knows important information about my medical background	-			
2. That this doctor knows about my living situation				
3. That I feel able to cope better with my health problem/illness after this visit				
5. How important are the following to you:	Not	Somewh	at Impor	rtant Very
	importan	t importai		important
1. That this practice has extensive opening hours		Ĺ		Ū.
2. That I can get an appointment easily at this practice				
3. That I know how to get evening, night and weekend services				
4. That this practice is close to where I live or work				
5. That I have a short waiting time on the phone when I call this practice				
6. How important are the following to you:	Not			rtant Very
Before the consultation with your GP	importan	t importai	nt	important
1. That I don't need to tell a receptionist or nurse about details of my health	_	_	_	_
problem before seeing my doctor				
2. That the doctor has prepared for the consultation by reading my medical notes	_	-	_	-
3. That I have prepared for the consultation by keeping a symptom diary or				
preparing questions	-	-	-	-
4. That I can bring a family member/friend to the consultation if I think this is				
useful	_	-	-	-
5. That I know which doctor I will see				
6. That I keep to my appointment				
7. From the abovementioned 6 items, which one do you find the most important	_			ber: (fill in)
one?				
7. How important are the following to you:	Not			rtant Very
During the consultation with your GP	· ·	t importai		important
1. That the doctor makes me feel welcome by making eye contact				
2. That the doctor listens attentively				
3. That the doctor does not give me the feeling to be under time pressure				
4. That the doctor is aware of my personal, social and cultural background				
5. That the doctor is not prejudiced because of my age, gender, religion or cultural				
background				
6. That the doctor treats me as a person and not just as a medical problem				Ū
7. That the doctor is respectful during physical examination and by not		<u> </u>	_	<u>_</u>
interrupting me 8. That the doctor takes me seriously				
 8. That the doctor takes me seriously 9. That the doctor understands me 				
10. That the doctor asks me if I have any questions				
11. That the doctor asks if I have understood everything				
12. That the doctor knows when to refer me to a medical specialist				
13. That the doctor knows when to refer the to a medical specialist 13. That the doctor asks how I prefer to be treated				
14. From the abovementioned 13 items, which one do you find the most important				
one?				
	Most imp	portant is	item num	nber: (fill in)

Question		Respons	e categori	ies	
8. How important are the following to you:		Kespons	e categor		
During the consultation with your GP			Somewh	at Impo	ortant Very
			nt importar		important
1. That the doctor avoids disturbances of the consultation by telephone calls etc.			Ô		
2. That the doctor gives me additional information about					
leaflets					
3. That the doctor informs me about reliable sources of	information e.g. websites				
4. That I tell the doctor what I want to discuss in this co	onsultation				
5. That I am prepared to ask questions and take notes					
6. That I am honest and not feel embarrassed to talk about					
7. That I am open about my use of other treatments, suc	ch as self-medication or	_	-	-	-
alternative medicine					
8. That psychosocial issues (for example personal worr	ies) can be discussed if				
needed	C 1.1				
9. From the abovementioned 8 items, which one do you	i find the most important	Most im	nortant is i	item nur	nber: (fill in)
one?					
9. How important are the following to you:		Not			ortant Very
After the consultation with your GP	1 1 1.		nt importar		important
1. That the doctor gives me all test results, even if they					
2. That the doctor offers me to have telephone or email questions	contact if I have further				
3. That the doctor gives me clear instructions on what t	o do when things go wrong				
4. That I adhere to the agreed treatment plan	o do when things go wrong				
5. That I inform the doctor how the treatment works ou	t				
6. That I can see another doctor if I think it is necessary					
7. From the abovementioned 6 items, which one do you		Most im	portant is i	item nur	nber: (fill in)
one?	i find the most important		•		
10. Are you male or female?	□ Male □ Female				
11. What is your year of birth? Please fill in:	Year of birth: 19				
12. Where were you born?	\Box In this country				
12. Where were you boin:	☐ In another EU country				
	☐ In a European country ou	tside the F	U.		
	□ North America, Australia				
	In another country				
13. Where was your mother born?	□ In this country				
	□ In another EU country				
	In a European country ou	tside the E	U		
North America, Australi			ealand		
	□ In another country				
14. Are there other adults in your household	🗖 Yes				
(including children older than 18)?	🗖 No				
15. Are there any children (under 18) in your	T Yes				
household?	□ No				
16. How would you describe your current occupation	Employed (including civi				
or employment status? (More than one answer	Self employed or family	business			
possible)	□ Student				
	Looking for a job (unemp		1 .1.		
	\Box Unable to work due to ill	ness or dis	ability		
	Retired	dina look	in a often a	hildron .	ata)
17 What is the highest level of advection that you	 Mainly homemaker (inclu No qualifications obtained 				
D Upper secondary level of			l) or lower secondary education (incl)		
□ Post-secondary rever of education (incl) or high			oher		
		•	ion(in c i		
18. How well do you speak an official language of	□ Fluently/native speaker le	evel			
this country [fill in language(s)]?					
Development Moderately					
	PoorlyNot at all				
19. Compared to the average income in this country,	Below average				
would you say your household's income is:	Around average				
would you say your nousenoid s income is.	Albove average				

Appendix 3: Overview of Structure indicators Primary Health care Activity Monitor

		Dimension: Governance of the PC system	n (Structure)
Feature	Indicator title	Indicator	Additional information item
GOV1. Primary care goals	Primary care goals	GOV1.1 Have policy documents (by government or important stakeholders) been issued that reflect a clear vision on current and future PC (e.g. for the next 5 years)? [Yes/No]	GOV1.1a If Yes: In which year? What does this vision entail? What is the status of these documents (e.g. policy paper, law, formal public statement); Which stakeholder?
GOV2. Policy on equality in access	Policy on distribution of human resources	GOV2.1 Is there an explicit governmental policy to regulate the distribution of PC providers and facilities more evenly? [Yes/No]	GOV2.1a If yes: Please describe the content of these pro- equality measures (e.g. they may be focused on improved working conditions or on obligations for young doctors to work in rural areas?).
GOV3. (De)centralization of PC management & service development	PC within the Ministry of Health	GOV3.1 Does PC has its own department or unit within the Ministry of Health? [Yes/No]	GOV3.1a Does PC have a budget that can be distinguished from other sectors, such as specialist care? [Yes/No] If yes, please explain at which level this budget is established (e.g. national, regional).
·	PC policy development at regional or local level	GOV3.2 Have responsibilities for PC been decentralized to regional or local level? [Yes/No]	GOV3.2a If yes, please explain which responsibilities have been decentralized to which levels (for instance, setting priorities; aspects of service provision).
	Stakeholder involvement in PC policy development	GOV3.3 Do organisations of stakeholders contribute to PC policy development? (e.g. health insurers, medical professionals, or representatives of patients or consumers). [Yes/No]	GOV3.3a If yes, please explain in which way they contribute to PC policy development (e.g. in regular formal consultations or incidentally and informal).
	(De)centralizatio n of PC service delivery	GOV3.4 Has community influence on the provision of PC services been organised on a national or regional level? [not applicable, it is not used/ yes, on a national level/ yes in some regions/ yes, incidentally at local level].	 GOV3.4a If yes, which of the following forms apply: 1. Via ownership of PC facilities by authorities: a. State; b. Region; c. Local. 2. (Voluntary) patient councils with PC facilities. 3. Local/regional/national PC satisfaction surveys; 4. Volunteer work in PC facilities; 5. Other [Please fill in]
GOV4. PC Quality Management Infrastructure	Coordination of quality management	GOV4.1 If state inspection on health care exists, does it have a specific unit for PC? [Yes/No/Not applicable]	-
	Certification of providers	GOV4.2 Do formal requirements exist for physicians (such as GPs/Family doctors) to work in PC? [Yes/No]	GOV4.2a If yes, what are the obligatory professional requirements for physicians to practice in PC? (e.g. Having completed postgraduate specialisation or obligatory CME). Please specify for GPs/FDs and possible other specialists working in PC

	Dimension: Governance of the PC system (Structure)				
Feature	Indicator title	Indicator	Additional information item		
	Licensing of facilities	GOV4.3 Do formal requirements exist for PC practices or facilities to operate? [Yes/No]	GOV4.3a If yes, What are the requirements for PC practices or facilities to operate?		
			GOV4.3b Please mention important voluntary mechanisms to maintain and improve the quality of care. (e.g. clinical guidelines, voluntary peer-review mechanisms).		
	Development of clinical guidelines	GOV4.4 Have evidence based clinical guidelines been produced for specific use by GPs? [Yes/No]	 GOV4.4a If yes: What is the usual mode of production of these guidelines? 1. Issued by a national agency such as the Ministry of Health [yes / no]; 2. Issued by a college or association of GPs [yes / no]; 3. Adapted foreign guidelines [yes / no]; 4. Developed by medical specialists [yes / no]; 5. Other:[fill in] 		
GOV5. Patient advocacy	Patient rights	GOV5.1 Have any laws/regulation pertaining to the following patients' rights in PC been implemented? 1. Informed consent [Yes/No]; 2. Patient access to own medical files [Yes/No]; 3. Confidential use of medical records [Yes/No]; 4. Availability of a procedure to process patient complaints in PC facilities [Yes/No].	-		
GOV6. Multidisciplinary collaboration	Multidisciplinary collaboration	GOV6.1 Has a governmental policy on cooperation or integration of PC services been laid down in a law or policy paper? [Yes/No/ Not applicable, because no such policy exists]	GOV6.1a If yes, what is the core of this policy and which PC providers are targeted?		

		Dimension: Economic conditions of the PC s	ystem (Structure)
Feature	Indicator title	Indicator	Additional information item
ECO1. Primary care expenditure	Total PC expenditure	ECO1.1 Total expenditure on PC as % of total expenditure on health	-
	Expenditure on prevention and public health	ECO1.2 Total expenditure on prevention and public health as % of total expenditure on health.	-
ECO2. Primary care coverage	Total PC coverage	ECO2.1 % of the population fully covered or insured for PC costs.	-
	GP services coverage	ECO2.2 % of the population covered or insured for costs of GP services (office and at home).	ECO2.2a If copayment applies, please explain the volume of copayment
	Medicines coverage	ECO2.3 % of the population covered or insured for medicines prescribed in primary care / GP.	ECO2.3a If copayment applies, please explain the volume of copayment
	Uninsured population	ECO2.4 % of the population uninsured for medical expenses (this may be an estimation)	-
	Out-patient medical care coverage by social insurance	ECO2.5 Social health insurance coverage for out-patient medical care by % of population.	-
ECO3. Employment status of PC workforce	Employment status of GPs	ECO3.1 % of GPs that are: 1a. Salaried with national, regional or local authorities; 1b. Salaried with other physicians; 2a. Self-employed with contract to health insurance fund(s) or health authority; 2b. Self-employed without contract (paid by patients out-of-pocket).3. Other mode	-
ECO4. Remuneration system of PC workforce	Remuneration system for salaried GPs	ECO4.1 How are salaried GPs paid? 1. Flat salary; 2. salary related to the number of their patients; 3 Salary related to both the number of their patients and indicators of performance	ECO4.1a If they receive a performance-related salary: please explain which elements are taken into account.
	Remuneration system for self- employed GPs	ECO4.2 How are self-employed GPs paid? 1. Fee-for-service payment; 2. Capitation payment; 3. Mix of capitation and fee-for- service payment. 4. Mix of capitation and fee-for-service and other specific components (e.g. bonus for working in disadvantaged areas etc.).	ECO4.2a If they receive a payment consisting of other components than capitation or fee-for service, please explain to what targets or situations these are related.
ECO5. Income of PC workforce	Income of GPs	ECO5.1 What is the (estimated) gross annual income (in Euros) of a 'mid-career' GP (about 10 years experience and with an average size of practice)?	ECO5.1a Does this income include costs for running the practice (premises; equipment; care; employed staff)?

Dimension: PC Workforce Development (Structure) Additional information item Feature Indicator title Indicator WFD1. Profile Type of PC WFD1.1 To which of the following medical, para-medical and of PC workforce professionals nursing disciplines people have direct access (which means without referral or intervention by another medical provider)? Please, indicate on the list and add disciplines if applicable. Also indicate with each discipline whether they exclusively work in PC or also provide services on referral (for instance in another setting, such as a hospital) GP /Family physician _ Gynaecologist/obstetrician -Paediatrician -Specialist of Internal medicine Ophthalmologist -ENT specialist Cardiologist Neurologist Surgeon -Primary care / GP practice nurse Specialised nurse (eq. on diabetes) -Home care nurse -Physiotherapists (ambulatory) Midwife (ambulatory) -Occupational therapist -Speech therapist -Dentist -Other:, namely: Age distribution WFD1.2 Average age of practicing GPs. WFD1.2a What is the age distribution among practicing GPs? GPs Please fill in the % of GPs that are: <35 years of age; 35-45 years of age; 45-55 years of age; 55+ years of age. WFD1.3 Average number of working hours per week of GPs Workload GPs (including: hours for keeping up to date and for administration; excluding: hours on call (in evening, weekends etc.) WFD2.1 Have tasks/duties of GPs or family doctors been WFD2. Status & Recognition / WFD2.1a If yes, please fill in the name of the documents, who Responsibilities described in a law or policy document? [Yes/No] issued it, and year of issue. responsibilities of PC of GPs disciplines

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		Dimension: PC Workforce Development (Structure)	
Feature	Indicator title	Indicator	
	Financial status of GPs compared to a specialist	 WFD2.2 How does the gross annual income (in Euros) of a mid-career GP (about 10 yrs experience with average size of practice) relate to the gross annual income of the following medical, para-medical and nursing disciplines of the same age? Please give an estimation whether a GP's income is [Much lower / lower / equal / higher / much higher]. Gynaecologist/obstetrician Paediatrician Specialist of Internal medicine Ophthalmologist ENT specialist Cardiologist Surgeon Primary care / GP practice nurse Specialised nurse (eg. on diabetes) Home care nurse Physiotherapists (ambulatory) Midwife (ambulatory) Occupational therapist Speech therapist 	
	Attractiveness of FM among medical students	- Dentist WFD2.3 What % of all medical graduates chooses to enrol in postgraduate training in family medicine (within 1 year after graduation)? (use the most recent available year, and fill this in) [%, with reference year)	-
WFD3. PC Workforce supply and planning	Development of workforce supply	 WFD3.1 Please indicate the % by which the supply (total number) of directly accessible medical, para-medical and nursing disciplines has increased [+%] or reduced [%] over the most recent available 5 year period. Please also indicate the years applied [Years]. GP /Family physician Gynaecologist/obstetrician Paediatrician Specialist of Internal medicine Ophthalmologist ENT specialist Cardiologist Surgeon Primary care / GP practice nurse Specialised nurse (eg. on diabetes) Home care nurse Physiotherapists (ambulatory) Midwife (ambulatory) Occupational therapist Speech therapist 	-

		Dimension: PC Workforce Development	t (Structure)
Feature	Indicator title	Indicator	Additional information item
	GP-Specialist	WFD3.2 Total nr. of active GPs as a ratio to total nr. of active	-
	ratio	specialists.	
	Workforce planning	WFD3.3 Are data available from studies on PC workforce capacity needs and development in the future? [Yes/No]	WFD3.3a If yes, for which PC disciplines and what was the latest date of publication?
WFD4. Academic status of PC	Academic status of FM/ general practice	WFD4.1% of medical universities (or universities with a medical faculty) with a postgraduate programme in family medicine.	WFD4.1a In what year was postgraduate training in family medicine first introduced?
			WFD4.1b How many departments of family medicine are there a medical universities (or universities with medical faculties) in this country?
	FM/ general practice education	WFD4.2 Is family medicine subject in the undergraduate medical curriculum? [Yes/No]	WFD4.2a What is the duration of a postgraduate programme in family medicine in this country, and how many months do trainees spend in a PC setting?
	Education of nurses in PC	WFD4.3 Is there professional training specifically for: - district- or community nurses? [Yes/No] - PC/GP practice nurses [Yes/No]	WFD4.3a If yes, what is its duration?
WFD5. Medical associations	Professional association of GPs	WFD5.1 Do national associations or colleges of GPs exist in this country? [Yes/No]	WFD5.1a If yes, please provide the name(s), number of GPs being a member, and indicate which of the following activities the association/organization undertakes: 1. Defending financial/material interests; 2. Professional development (e.g. guideline development); 3. Education; 4. Scientific activities.
	Professional Journal on GP	WFD5.2 Is a journal on family medicine/general practice being published in this country? [Yes/No]	WFD5.2a Please provide its name, number of issues per year, and the number of subscriptions. Also indicate for each journal a characterisation of its content [primarily; about 50/50; minor importance]: News; opinions; popular articles; scientific articles (peer reviewed; with abstract in English)
	Professional association of PC nurses	WFD5.3 Do national associations or organisations of PC nurses exist in this country? [Yes/No]	WFD5.3a If yes, please provide the name(s), number of nurses being a member, and indicate which of the following activities the association/organization undertakes: 1. Defending financial/material interests; 2. Professional development (e.g. guideline development); 3. Education; 4. Scientific activities.
	Professional Journal on PC nursing	WFD5.4 Is a professional journal on PC nursing being published in this country? [Yes/No]	WFD5.4a Please provide its name, number of issues per year, and the number of subscriptions.

Appendix 4: Scale scores of primary care structure per country, sorted per dimension

Data are derived from the PHAMEU database (see: Kringos D, et al. *The strength of primary care in Europe: an international comparative study*. Br J Gen Pract. 2013 Nov;63(616):e742–50. http://dx.doi.org/10.3399/bjgp13X674422).

Data on Australia, Canada, FYR Macedonia and New Zealand are collected by the national coordinators of the QUALICOPC project.

UK2.5129Netherlands2.4906Spain2.4335Portugal2.4053Denmark2.3875New Zealand2.3672Canada2.3564Australia2.3411Italy2.3357Romania2.3099Finland2.3099Estonia2.3099Turkey2.2849Lithuania2.2762Norway2.273Sweden2.2518Austria2.2436FYR Macedonia2.2372Belgium2.1735Latvia2.1682Czech Republic2.1684Poland2.1392Malta2.1392Malta2.1392Siovakia2.0545Switzerland2.0545Switzerland2.0545Sivatia2.0545Luxembourg1.9415Iceland1.8366	Country	Overall structure
Spain2.4335Portugal2.4053Denmark2.3875New Zealand2.3672Canada2.3564Australia2.3411Italy2.3357Romania2.3099Finland2.3099Estonia2.3049Turkey2.2849Lithuania2.2762Norway2.273Sweden2.2518Austria2.2372Belgium2.2317Germany2.2222Ireland2.1799France2.1735Latvia2.1604Poland2.1409Bulgaria2.1392Malta2.1361Greece2.1194Hungary2.0964Slovakia2.0545Switzerland2.0459Cyprus1.966Luxembourg1.9415	UK	2.5129
Portugal 2.4053 Denmark 2.3875 New Zealand 2.3672 Canada 2.3672 Canada 2.3564 Australia 2.341 Italy 2.3357 Romania 2.3099 Finland 2.3099 Finland 2.3099 Estonia 2.3049 Turkey 2.2849 Lithuania 2.2762 Norway 2.273 Sweden 2.2518 Austria 2.2436 FYR Macedonia 2.2372 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1604 Poland 2.1409 Bulgaria 2.1392 Malta 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459	Netherlands	2.4906
Denmark 2.3875 New Zealand 2.3694 Slovenia 2.3672 Canada 2.3564 Australia 2.341 Italy 2.3357 Romania 2.3099 Finland 2.3099 Estonia 2.3049 Turkey 2.2849 Lithuania 2.273 Sweden 2.2518 Austria 2.2436 FYR Macedonia 2.2372 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1604 Poland 2.1799 France 2.1735 Latvia 2.1604 Poland 2.1409 Bulgaria 2.1392 Malta 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459	Spain	2.4335
New Zealand 2.3694 Slovenia 2.3672 Canada 2.3564 Australia 2.341 Italy 2.3357 Romania 2.3099 Finland 2.3099 Finland 2.3099 Estonia 2.3049 Turkey 2.2849 Lithuania 2.2733 Sweden 2.2518 Austria 2.2436 FYR Macedonia 2.2372 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1682 Czech Republic 2.1604 Poland 2.1409 Bulgaria 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966	Portugal	2.4053
Slovenia 2.3672 Canada 2.3564 Australia 2.341 Italy 2.3357 Romania 2.3099 Finland 2.3099 Estonia 2.3049 Turkey 2.2849 Lithuania 2.2762 Norway 2.273 Sweden 2.2317 Germany 2.2327 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1682 Czech Republic 2.1604 Poland 2.1409 Bulgaria 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	Denmark	2.3875
Canada 2.3564 Australia 2.341 Italy 2.3357 Romania 2.3099 Finland 2.3059 Estonia 2.3049 Turkey 2.2849 Lithuania 2.273 Sweden 2.2518 Austria 2.2372 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1682 Czech Republic 2.1604 Poland 2.1409 Bulgaria 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	New Zealand	
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Italy 2.3357 Romania 2.3099 Finland 2.3049 Turkey 2.2849 Lithuania 2.2762 Norway 2.273 Sweden 2.2317 Germany 2.2322 Ireland 2.2372 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1682 Czech Republic 2.1604 Poland 2.1392 Malta 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	Canada	2.3564
Romania 2.3099 Finland 2.3059 Estonia 2.3049 Turkey 2.2849 Lithuania 2.2762 Norway 2.273 Sweden 2.2518 Austria 2.2436 FYR Macedonia 2.2372 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1682 Czech Republic 2.1604 Poland 2.1392 Malta 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	Australia	2.341
Finland 2.3059 Estonia 2.3049 Turkey 2.2849 Lithuania 2.2762 Norway 2.273 Sweden 2.2518 Austria 2.2436 FYR Macedonia 2.2372 Belgium 2.2317 Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1682 Czech Republic 2.1604 Poland 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	Italy	2.3357
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Lithuania2.2762Norway2.273Sweden2.2518Austria2.2436FYR Macedonia2.2372Belgium2.2317Germany2.2222Ireland2.1799France2.1735Latvia2.1682Czech Republic2.1604Poland2.1392Malta2.1361Greece2.1194Hungary2.0964Slovakia2.0545Switzerland2.0459Cyprus1.966Luxembourg1.9415	Estonia	2.3049
Norway2.273Sweden2.2518Austria2.2436FYR Macedonia2.2372Belgium2.2317Germany2.2222Ireland2.1799France2.1735Latvia2.1682Czech Republic2.1604Poland2.1392Malta2.1361Greece2.1194Hungary2.0964Slovakia2.0545Switzerland2.0459Cyprus1.966Luxembourg1.9415	Turkey	2.2849
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Austria2.2436FYR Macedonia2.2372Belgium2.2317Germany2.2222Ireland2.1799France2.1735Latvia2.1682Czech Republic2.1604Poland2.1392Malta2.1361Greece2.1194Hungary2.0964Slovakia2.0545Switzerland2.0459Cyprus1.966Luxembourg1.9415	Norway	2.273
FYR Macedonia2.2372Belgium2.2317Germany2.2222Ireland2.1799France2.1735Latvia2.1682Czech Republic2.1604Poland2.1409Bulgaria2.1392Malta2.1361Greece2.1194Hungary2.0964Slovakia2.0545Switzerland2.0459Cyprus1.966Luxembourg1.9415	Sweden	2.2518
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Germany 2.2222 Ireland 2.1799 France 2.1735 Latvia 2.1682 Czech Republic 2.1604 Poland 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0459 Cyprus 1.966 Luxembourg 1.9415	FYR Macedonia	2.2372
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Czech Republic 2.1604 Poland 2.1409 Bulgaria 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	France	2.1735
Poland 2.1409 Bulgaria 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415		
Bulgaria 2.1392 Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	Czech Republic	2.1604
Malta 2.1361 Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	Poland	2.1409
Greece 2.1194 Hungary 2.0964 Slovakia 2.0545 Switzerland 2.0459 Cyprus 1.966 Luxembourg 1.9415	Bulgaria	2.1392
Hungary2.0964Slovakia2.0545Switzerland2.0459Cyprus1.966Luxembourg1.9415	Malta	2.1361
Slovakia2.0545Switzerland2.0459Cyprus1.966Luxembourg1.9415	Greece	2.1194
Switzerland2.0459Cyprus1.966Luxembourg1.9415	Hungary	2.0964
Cyprus 1.966 Luxembourg 1.9415	Slovakia	2.0545
Luxembourg 1.9415	Switzerland	2.0459
	Cyprus	1.966
Iceland 1.8366	Luxembourg	1.9415
	Iceland	1.8366

Country	Governance
Netherlands	2.5865
Spain	2.5556
UK	2.5446
Portugal	2.5388
Italy	2.5281
Denmark	2.5188
Estonia	2.5167
Romania	2.5139
Slovenia	2.5139
Norway	2.5089
FYR Macedonia	2.5035
Australia	2.4893
Lithuania	2.4854
Austria	2.4763
Turkey	2.4717
Sweden	2.4621
Latvia	2.462
Greece	2.4498
Bulgaria	2.4464
Czech Republic	2.4394
New Zealand	2.4291
Canada	2.4228
Germany	2.4172
Belgium	2.3865
Poland	2.3783
France	2.3776
Finland	2.3748
Iceland	2.32
Slovakia	2.295
Malta	2.2724
Ireland	2.2704
Hungary	2.238
Cyprus	2.1952
Luxembourg	2.1935
Switzerland	2.1163

Country	Economic conditions
UK	2.3482
New Zealand	2.3482
Spain	2.2703
Belgium	2.2556
Finland	2.2522
Netherlands	2.249
Slovenia	2.2316
Australia	2.2301
Germany	2.2162
FYR Macedonia	2.2144
Italy	2.2019
Turkey	2.1895
Romania	2.184
Canada	2.1821
Austria	2.173
France	2.1644
Switzerland	2.1644
Portugal	2.1606
Denmark	2.1507
Sweden	2.1447
Slovakia	2.1434
Hungary	2.1395
Latvia	2.116
Lithuania	2.1116
Estonia	2.1013
Poland	2.097
Norway	2.0885
Luxembourg	2.0845
Greece	2.0649
Czech Republic	2.0588
Malta	2.0503
Cyprus	2.0482
Iceland	2.0153
Ireland	1.9595
Bulgaria	1.8764

Country	Workforce development
UK	2.3391
Netherlands	2.3006
Canada	2.2927
Denmark	2.2458
Portugal	2.2414
Ireland	2.2358
Finland	2.2224
New Zealand	2.2147
Spain	2.2122
Malta	2.1753
Slovenia	2.1524
Australia	2.132
Switzerland	2.1063
Estonia	2.1046
Lithuania	2.0917
Italy	2.0863
Turkey	2.0696
Romania	2.0661
Hungary	2.0635
Sweden	2.0584
Norway	2.0562
Belgium	2.0494
Germany	2.0091
France	2.0063
Austria	1.9936
Bulgaria	1.9904
Poland	1.984
Czech Republic	1.9558
Cyprus	1.9431
Greece	1.9069
FYR Macedonia	1.8972
Latvia	1.8863
Slovakia	1.885
Luxembourg	1.838
Iceland	1.6034

Appendix 5: Sensitivity analyses

	Level of
Country	gatekeeping
Australia	3
Austria	1
Belgium	1
Bulgaria	3
Canada	3
Cyprus	1
Czech Republic	2
Denmark	2
Estonia	3
Finland	2
France	2
FYR Macedonia	2
Germany	1
Greece	2
Hungary	2.5
Iceland	2
Ireland	2
Italy	3

Table 1: Level of gatekeeping (higher score indicates stronger gatekeeping)(source: Primary Health Care Activity Monitor Database)

_	Level of
Country	gatekeeping
Latvia	2.5
Lithuania	3
Luxembourg	1
Malta	2
Netherlands	3
New Zealand	3
Norway	3
Poland	2
Portugal	3
Romania	3
Slovak Rep.	2
Slovenia	3
Spain	3
Sweden	2.5
Switzerland	1
Turkey	1
United Kingdom	3

Table 2: Correlation coefficient between level of gatekeeping and patient perceived improvement potential (n=34)

	Level of
	gatekeeping
Accessibility	-0.0636
Continuity	-0.3334*
Comprehensiveness	-0.1314
Involvement	-0.0146
Communication	0.0546

* Significant at p<0.05 (one-tailed)

Interpretation of results

The correlation coefficients between the level of gatekeeping and the patient perceived improvement potential are generally low. However, for the continuity of care it is found that the patient perceived improvement potential is lower in countries with a stronger gatekeeping system.

Appendix 6: Overview of % negative experiences per country

Source: QUALICOPC database verion 4.0, March 2015; (see also: Schäfer et al, QUALICOPC, a multi-country study evaluating quality, costs and equity in primary care. BMC Fam Pract. 2011;12(1):115.)

*		sibility/ A				Continui		.1,12(1).1	Comprel		Auto- nomy	Doctor-F	Patient C	ommuni	cation	
Country (n _i = 34) (n _j = 61,931)	Opening hours are too restricted (n _i =54,894)	Practice is too far (nj=59,209)	l had to wait too long on the phone (n _j =55,314)	The doctor did not take sufficient time (nj=61,095)	Did not know how to get out-of-hours care (nj=60,324)	Doctor did not have medical records at hand (nj=61,075)	Doctor did not know about living situation (nj=50,816)	The doctor did not know medical background (nj=56,202)	Doctor did not ask about other problems (nj=60,908)	Does not discuss personal problems (nj=43,085)	Doctor did not involve me in making decisions ((nj=60,851)	Did not Understand what the doctor explained (nj=60,811)	Did not look into eyes (n _j =58,858)	Doctor did not listen carefully (n _j =61,071)	The doctor did not ask questions (nj=61,042)	, The doctor was not polite (nj=61,123)
Austria	15.7%	10.5%	4.4%	9.8%	22.0%	11.1%	18.7%	5.2%	38.7%	21.3%	18.9%	5.3%	7.7%	4.8%	7.8%	2.9%
Belgium	14.4%	6.8%	5.0%	2.2%	28.5%	6.8%	13.4%	5.0%	25.2%	13.2%	7.8%	11.6%	15.9%	1.3%	4.4%	0.5%
Bulgaria	29.9%	20.5%	13.7%	10.5%	31.4%	10.3%	37.4%	11.4%	41.6%	46.7%	39.3%	13.8%	13.8%	6.8%	11.6%	3.1%
Cyprus	54.3%	8.8%	35.9%	17.5%	67.4%	31.5%	69.5%	29.3%	51.5%	73.1%	42.4%	9.6%	21.7%	3.9%	13.0%	4.2%
Czech Republic	13.3%	10.4%	6.7%	5.6%	46.7%	1.6%	26.3%	2.3%	27.2%	49.0%	28.2%	12.4%	6.5%	2.7%	4.5%	0.9%
Denmark	10.9%	5.0%	11.5%	7.1%	12.0%	6.7%	9.4%	2.0%	51.7%	9.3%	16.4%	10.6%	5.9%	2.8%	12.8%	1.8%
Estonia	18.2%	10.9%	6.8%	6.0%	20.8%	4.0%	19.7%	1.5%	27.2%	35.4%	23.8%	6.0%	14.5%	3.4%	6.9%	1.4%
England	15.5%	3.4%	12.2%	5.0%	28.9%	2.9%	28.6%	2.4%	38.8%	13.3%	13.1%	9.1%	10.4%	2.8%	6.8%	1.9%
Finland	27.8%	6.4%	26.0%	5.4%	12.4%	6.6%	25.5%	4.6%	37.0%	18.1%	17.0%	7.7%	10.6%	2.7%	9.6%	1.2%
Germany	14.2%	9.1%	5.2%	4.2%	19.9%	4.8%	16.3%	4.4%	31.8%	17.9%	14.4%	14.0%	5.9%	1.9%	4.8%	1.0%
Greece	28.8%	18.5%	11.4%	13.7%	32.9%	47.2%	34.6%	19.6%	25.7%	19.3%	23.8%	12.1%	10.9%	4.2%	4.9%	1.6%
Hungary	17.9%	18.2%	10.8%	6.6%	24.9%	20.7%	26.1%	7.3%	34.8%	45.1%	15.2%	20.6%	.**	4.3%	8.6%	2.7%
Iceland	23.0%	7.1%	14.3%	5.4%	30.8%	9.6%	11.9%	1.5%	44.3%	30.1%	13.4%	12.7%	9.3%	2.3%	9.9%	1.9%
Ireland	18.0%	7.4%	8.5%	9.8%	23.1%	5.3%	17.9%	2.6%	32.0%	12.2%	18.1%	12.6%	16.2%	5.4%	13.2%	4.5%
Italy	26.8%	11.9%	14.1%	8.8%	29.9%	16.0%	12.4%	3.0%	50.9%	20.8%	25.0%	10.8%	27.3%	5.2%	17.3%	5.3%
Latvia	20.8%	13.0%	11.1%	19.1%	22.6%	4.8%	21.3%	4.0%	18.1%	33.5%	22.2%	11.8%	40.0%	5.2%	7.8%	3.7%
Lithuania	12.4%	12.3%	19.3%	10.1%	31.4%	4.8%	35.3%	5.2%	19.7%	30.7%	26.7%	11.7%	14.1%	4.7%	6.7%	1.8%
Luxembourg	10.7%	6.6%	3.9%	4.0%	35.3%	8.5%	14.5%	5.8%	21.1%	18.4%	16.5%	11.1%	10.5%	2.1%	5.3%	3.1%
FYR Macedonia	19.5%	12.6%	7.6%	5.6%	12.9%	6.1%	14.9%	1.6%	33.0%	45.3%	19.9%	10.7%	5.8%	1.3%	1.3%	0.7%
Malta	26.4%	16.5%	14.2%	3.9%	30.3%	38.5%	45.8%	29.6%	49.1%	49.1%	19.3%	13.5%	19.9%	2.6%	11.9%	1.4%
Netherlands	16.7%	5.4%	11.5%	6.0%	9.3%	7.6%	14.6%	2.4%	50.5%	10.3%	13.6%	9.2%	13.5%	3.1%	11.6%	3.7%
Norway	19.3%	8.2%	24.3%	8.9%	28.7%	7.4%	16.5%	6.1%	47.2%	13.7%	14.5%	8.0%	7.4%	2.9%	9.7%	2.1%
Poland	16.8%	15.3%	20.6%	7.1%	25.8%	4.9%	44.6%	14.9%	29.6%	44.6%	27.9%	9.7%	11.7%	3.9%	8.1%	1.4%
Portugal	24.8%	15.7%	29.9%	3.9%	32.2%	3.5%	10.0%	2.8%	21.8%	8.4%	21.8%	15.4%	13.6%	1.6%	5.4%	0.9%
Romania	16.1%	18.6%	8.0%	3.0%	44.6%	5.0%	20.2%	4.6%	19.9%	45.2%	20.2%	19.4%	13.8%	1.8%	5.5%	0.7%
Slovakia	39.6%	27.1%	6.5%	10.1%	53.1%	5.6%	44.6%	4.4%	49.8%	23.9%	20.4%	12.7%	13.7%	5.7%	10.1%	1.7%
Slovenia	26.1%	10.3%	16.8%	6.9%	23.6%	2.0%	27.9%	2.9%	37.2%	37.5%	22.5%	10.9%	7.1%	3.3%	9.0%	1.5%
Spain	31.3%	14.2%	46.5%	12.1%	35.2%	2.3%	21.5%	3.9%	34.8%	39.3%	16.8%	18.0%	20.2%	2.9%	8.4%	2.5%
Sweden	21.0%		16.5%		28.3%	15.7%	34.9%	10.3%	47.3%	38.9%	17.0%	7.7%	8.8%	5.5%	12.2%	3.7%
Switzerland	8.5%	6.4%	3.3%	1.5%	23.5%	4.1%	9.2%	3.8%	25.4%	12.2%	7.8%	10.6%	7.3%	0.7%	3.5%	0.8%
Turkey	21.2%	9.6%	11.8%	3.7%	70.7%	6.5%	51.0%	27.1%	26.1%	40.9%	11.6%	18.7%	25.5%	2.3%	5.3%	1.2%
Australia	10.9%		4.5%	2.7%	36.0%	2.2%	9.6%	1.7%	17.3%	8.2%	4.6%	8.0%	12.6%	0.5%	2.0%	0.1%
Canada	9.3%	6.4%	6.0%	2.4%	35.9%	1.7%	11.1%	1.3%	23.9%	11.1%	4.8%	7.7%	14.3%	0.6%	2.6%	0.2%
New Zealand	6.8%	5.2%	1.7%	1.3%	21.7%	0.5%	9.4%	1.0%	22.1%	10.0%	4.9%	6.3%	7.9%	0.4%	2.7%	0.1%
	0.070	0.270	,0		,5	0.070	0.170		,,,	/ 0		0.070		0.170	,0	0.170

* All items have been (re)formulated negatively ** This value is missing due to a translation error in the Hungarian questionnaire

Appendix 7: Overview of average values scores per country

Source: QUALICOPC database version 4.0, March 2015; (see also: Schäfer et al, QUALICOPC, a multi-country study

evaluating quality, costs and equity in primary care. BMC Fam Pract. 2011;12(1):115.)

		bility/ Ava	ailability		<u> </u>	Contin			Compr	ehen-	Auto- nomy	Doctor	-Patient	Commu	nication	
Country $(n_i = 34)$ $(n_j = 7,270)$ Range of scores: 1-4	Extensive Opening hours $(n) = 7,177$	Practice close to living or working place $(n_{j=}^{-7}, 192)$	Short waiting time on phone $(n_j=7,158)$	No feeling of time pressure $(n_j = 7, 197)$	Knowledge of out-of-hours care (n _j = 7,168)	The doctor has medical records at hand $(n_{j}=7,197)$	The doctors knows the living situation $(n_{j=}7,210)$	The doctor knows the medical background (n _j = 7,235)	The doctor asks about other problems $(n_j=7,194)$	Psychosocial problems can be discussed $(n_{j=} 7, 123)$	Involvement in decision making (n _j = 7,135)	Understanding what the doctor explains (nj= 7,190)	The doctor making eye contact (n _j = 7,192)	The doctor listening attentively $(n_{j=}^{-7}, 214)$	The doctor asking questions (nj= 7,200)	The doctor being polite (n _j = 7,204)
Austria	3.10	3.24	2.95	3.48	3.48	3.51	2.98	3.61	3.33	3.06	3.44	3.77	2.98	3.59	3.69	3.55
Belgium	2.82	2.88	2.81	3.36	3.07	3.30	2.90	3.48	2.90	3.08	3.30	3.48	2.97	3.49	3.48	3.37
Bulgaria	2.85	2.90	2.85	3.57	3.40	3.38	2.51	3.57	3.27	2.81	2.97	3.48	3.37	3.55	3.48	3.36
Cyprus	3.37	3.31	3.51	3.80	3.25	3.43	2.92	3.70	3.20	3.07	3.48	3.69	3.57	3.75	3.61	3.50
Czech Republic	2.50	2.76	2.47	3.09	2.63	3.16	2.48	3.48	2.81	2.52	2.79	3.54	2.78	3.41	3.55	3.55
Denmark	2.06	2.59	2.79	3.39	3.14	2.96	2.94	3.52	2.57	3.36	3.40	3.63	3.24	3.51	3.41	3.25
England	3.14	3.14	3.16	3.48	3.32	3.63	2.46	3.67	2.82	3.31	3.57	3.72	3.25	3.58	2.86	3.46
Estonia	3.20	3.03	3.20	3.50	3.22	3.52	2.35	3.69	3.13	2.52	3.37	3.71	3.25	3.61	3.67	3.64
Finland	2.61	2.97	3.09	3.27	3.29	3.47	2.76	3.39	3.02	2.78	3.22	3.66	3.16	3.41	3.40	3.22
Germany	3.03	3.09	3.03	3.50	3.30	3.44	2.95	3.62	3.33	3.18	3.44	3.70	3.03	3.62	3.65	3.52
Greece	3.35	3.55	3.31	3.50	3.38	3.24	2.96	3.55	3.19	3.05	3.22	3.63	3.45	3.67	3.58	3.58
Hungary	2.86	3.09	3.15	3.28	3.24	2.71	2.63	3.23	2.75	2.54	3.17	3.39	3.06	3.43	3.30	3.27
Iceland	3.20	3.04	3.33	3.53	3.30	3.31	2.93	3.54	3.03	3.14	3.40	3.70	2.73	3.43	3.46	3.49
Ireland	3.31	3.18	3.24	3.62	3.41	3.60	2.76	3.68	3.23	3.36	3.63	3.81	3.32	3.71	3.69	3.54
Italy	2.65	2.59	2.59	3.36	2.86	3.18	2.68	3.47	2.54	2.55	3.03	3.46	2.93	3.51	3.24	3.38
Latvia	3.02	3.02	3.03	2.64	3.14	3.16	2.39	3.34	3.00	2.39	3.15	3.38	2.66	3.26	3.34	3.23
Lithuania	3.12	2.83	3.08	2.74	3.22	3.07	2.28	3.45	2.56	2.39	3.13	3.36	2.81	3.20	3.37	3.25
Luxembourg	3.13	3.17	3.04	3.64	3.26	3.41	3.03	3.67	3.30	3.00	3.43	3.82	3.32	3.65	3.63	3.46
FYR Macedonia	3.09	3.28	3.03	3.37	3.46	2.78	3.03	3.54	2.86	3.14	3.08	3.36	3.49	3.56	3.44	3.45
Malta	3.29	3.28	3.18	3.37	3.39	3.29	2.65	3.47	2.75	2.79	3.40	3.62	2.91	3.51	3.54	3.59
Netherlands	2.69	3.00	3.09	3.43	3.44	3.36	2.81	3.60	2.92	3.27	3.48	3.61	3.12	3.51	3.46	3.28
Norway	2.50	2.81	3.07	3.56	2.84	3.33	2.90	3.42	3.01	3.23	3.58	3.70	3.30	3.54	3.52	3.41
Poland	3.10	3.18	3.20	3.50	3.25	3.32	2.30	3.33	3.09	2.53	3.21	3.60	3.15	3.48	3.38	3.37
Portugal	3.43	3.38	3.42	3.45	3.47	3.67	3.28	3.62	3.42	3.14	3.35	3.73	3.47	3.73	3.74	3.70
Romania	2.72	3.02	3.28	3.32	3.06	3.38	2.84	3.53	3.10	3.22	3.22	3.52	3.41	3.60	3.49	3.43
Slovakia	2.98	2.44	2.27	3.07	2.61	3.27	2.79	3.55	3.11	2.91	3.07	3.18	3.02	3.58	3.36	3.11
Slovenia	2.99	3.05	3.17	3.51	3.29	3.62	2.77	3.74	3.17	3.06	3.48	3.73	3.40	3.67	3.67	3.64
Spain	3.21	3.14	3.17	3.39	3.34	3.65	2.93	3.67	3.14	3.11	3.41	3.67	3.17	3.58	3.69	3.61
Sweden	3.27	3.10	3.33	3.57	3.35	3.46	2.74	3.44	3.13	3.30	3.50	3.76	3.30	3.60	3.58	3.53
Switzerland	2.91	3.06	2.87	3.41	3.15	3.44	3.03	3.56	3.21	3.09	3.48	3.66	3.19	3.63	3.57	3.55
Turkey	3.09	3.37	3.35	3.51	3.29	3.32	2.78	3.23	3.19	3.16	3.26	3.47	3.26	3.57	3.49	3.51
Australia	3.12	3.11	2.93	3.43	3.19	3.66	2.93	3.74	3.30	3.22	3.66	3.82	3.28	3.64	3.72	3.57
Canada	3.08	2.85	3.04	3.54	3.21	3.73	2.90	3.82	3.44	3.48	3.75	3.84	3.27	3.68	3.79	3.55
New Zealand	2.94	2.73	2.82	3.49	3.12	3.63	2.76	3.78	3.35	3.08	3.61	3.83	3.23	3.63	3.70	3.49

Appendix 8: Overview of improvement scores per country

Source: QUALICOPC database version 4.0, March 2015; (see also: Schäfer et al, QUALICOPC, a multi-country study

evaluating quality, costs and equity in primary care. BMC Fam Pract. 2011;12(1):115.)

evaluating			/ailability		, curer	Continu			Compr sivene	ehen-	Auto- nom y	Doctor	r-Patient	Commu	inication	
Ranges of scores: 0-4	Opening hours	Close practice	Waiting time on the phone	Sufficient time	Knowledge out-of- hours care	Medical records at hand	Knowledge of living situation	Knowledge of medical background	Asking about other problems	Personal problems	Patient involvement	Clearly explaining	Making eye contact	Listening carefully	Asking questions	Politeness
Austria	0.49	0.34	0.13	0.34	0.77	0.39	0.56	0.19	1.29	0.65	0.65	0.20	0.23	0.17	0.29	0.10
Belgium	0.41	0.20	0.14	0.07	0.87	0.22	0.39	0.17	0.73	0.41	0.26	0.40	0.47	0.04	0.15	0.02
Bulgaria	0.85	0.59	0.39	0.37	1.07	0.35	0.94	0.41	1.36	1.31	1.17	0.48	0.46	0.24	0.40	0.10
Cyprus	1.83	0.29	1.26	0.67	2.19	1.08	2.03	1.08	1.65	2.25	1.47	0.36	0.77	0.14	0.47	0.15
Czech Republic	0.33	0.29	0.16	0.17	1.23	0.05	0.65	0.08	0.77	1.24	0.79	0.44	0.18	0.09	0.16	0.03
Denmark	0.22	0.13	0.32	0.24	0.38	0.20	0.28	0.07	1.33	0.31	0.56	0.38	0.19	0.10	0.44	0.06
Estonia	0.58	0.33	0.22	0.21	0.67	0.14	0.46	0.05	0.85	0.89	0.80	0.22	0.47	0.12	0.25	0.05
Finland	0.72	0.19	0.80	0.18	0.41	0.23	0.70	0.15	1.12	0.50	0.55	0.28	0.33	0.09	0.32	0.04
Germany	0.43	0.28	0.16	0.15	0.66	0.16	0.48	0.16	1.06	0.57	0.50	0.52	0.18	0.07	0.18	0.03
Greece	0.96	0.66	0.38	0.48	1.11	1.53	1.02	0.70	0.82	0.59	0.77	0.44	0.37	0.15	0.17	0.06
Hungary	0.51	0.56	0.34	0.21	0.81	0.56	0.69	0.23	0.96	1.14	0.48	0.70	•	0.15	0.28	0.09
Iceland	0.74	0.22	0.48	0.19	1.02	0.32	0.35	0.05	1.34	0.94	0.46	0.47	0.26	0.08	0.34	0.07
Ireland	0.60	0.24	0.27	0.35	0.79	0.19	0.49	0.09	1.03	0.41	0.66	0.48	0.54	0.20	0.49	0.16
Italy	0.71	0.31	0.36	0.30	0.86	0.51	0.33	0.10	1.29	0.53	0.76	0.37	0.80	0.18	0.56	0.18
Latvia	0.63	0.39	0.34	0.50	0.71	0.15	0.51	0.13	0.54	0.80	0.70	0.40	1.06	0.17	0.26	0.12
Lithuania	0.39	0.35	0.59	0.28	1.01	0.15	0.80	0.18	0.50	0.73	0.84	0.39	0.40	0.15	0.22	0.06
Luxembourg	0.34	0.21	0.12	0.14	1.15	0.29	0.44	0.21	0.69	0.55	0.57	0.42	0.35	0.08	0.19	0.11
FYR Macedonia	0.60	0.41	0.23	0.19	0.44	0.17	0.45	0.06	0.94	0.90	0.61	0.36	0.20	0.05	0.05	0.60
Malta	0.87	0.54	0.45	0.13	1.03	1.27	1.21	1.03	1.35	1.37	0.65	0.49	0.58	0.09	0.42	0.05
Netherlands	0.45	0.16	0.35	0.20	0.32	0.26	0.41	0.09	1.47	0.34	0.47	0.33	0.42	0.11	0.40	0.12
Norway	0.48	0.23	0.75	0.32	0.81	0.25	0.48	0.21	1.42	0.44	0.52	0.29	0.24	0.10	0.34	0.07
Poland	0.52	0.49	0.66	0.25	0.84	0.16	1.03	0.50	0.91	1.13	0.90	0.35	0.37	0.14	0.27	0.05
Portugal	0.85	0.53	1.02	0.14	1.12	0.13	0.33	0.10	0.75	0.26	0.73	0.57	0.47	0.06	0.20	0.03
Romania	0.44	0.56	0.26	0.10	1.36	0.17	0.57	0.16	0.62	1.46	0.65	0.68	0.47	0.06	0.19	0.02
Slovakia	1.18	0.66	0.15	0.31	1.39	0.18	1.25	0.15	1.55	0.70	0.63	0.40	0.41	0.20	0.34	0.05
Slovenia	0.78	0.31	0.53	0.24	0.78	0.07	0.77	0.11	1.18	1.15	0.78	0.41	0.24	0.12	0.33	0.06
Spain	1.00	0.44	1.47	0.41	1.18	0.08	0.63	0.14	1.09	1.22	0.57	0.66	0.64	0.10	0.31	0.09
Sweden	0.69	0.17	0.55	0.33	0.95	0.54	0.95	0.35	1.48	1.28	0.60	0.29	0.29	0.20	0.44	0.13
Switzerland	0.25	0.20	0.09	0.05	0.74	0.14	0.28	0.13	0.81	0.38	0.27	0.39	0.23	0.02	0.12	0.03
Turkey	0.66	0.32	0.40	0.13	2.33	0.22	1.42	0.87	0.83	1.29	0.38	0.65	0.83	0.08	0.18	0.04
England	0.48	0.11	0.38	0.17	0.96	0.11	0.71	0.09	1.09	0.44	0.47	0.34	0.34	0.10	0.19	0.07
Australia	0.34	0.21	0.13	0.09	1.15	0.08	0.28	0.06	0.57	0.26	0.17	0.30	0.41	0.02	0.07	0.00
Canada	0.29	0.18	0.18	0.08	1.15	0.06	0.32	0.05	0.82	0.39	0.18	0.30	0.47	0.02	0.10	0.29
New Zealand	0.20	0.14	0.05	0.05	0.68	0.02	0.26	0.04	0.74	0.31	0.18	0.24	0.25	0.02	0.10	0.00

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Appendix 9: Overview of background characteristics patients per country

	Patient Experie	ences database	Patient Values database				
	Female (%)	Average age	Female (%)	Average age			
Austria	60.4	50.7	58.5	52.9			
Belgium	57.6	48.9	60.2	46.4			
Bulgaria	57.7	49.0	66.2	46.5			
Cyprus	50.9	54.6	61.4	55.2			
Czech Republic	58.5	50.2	62.3	46.9			
Denmark	63.3	53.5	61.7	52.8			
Estonia	62.5	50.4	69.8	46.0			
Finland	63.9	59.3	61.2	57.3			
Germany	55.4	55.2	58.1	55.6			
Greece	55.9	52.8	57.5	51.9			
Hungary	64.4	49.6	65.0	47.2			
Iceland	63.0	53.3	52.5	52.2			
Ireland	66.9	48.2	74.9	47.3			
Italy	56.3	56.3	61.8	52.4			
Latvia	65.9	45.3	66.0	44.8			
Lithuania	69.0	48.3	66.5	46.8			
Luxembourg	56.8	48.7	68.0	52.1			
Malta	61.9	48.2	54.4	48.1			
Netherlands	63.5	50.7	58.6	51.6			
Norway	61.9	48.7	63.2	49.0			
Poland	60.6	48.4	66.7	45.4			
Portugal	65.4	52.8	62.2	52.4			
Romania	65.2	49.4	61.6	48.1			
Slovakia	52.1	48.9	52.7	45.7			
Slovenia	59.1	49.7	58.4	44.7			
Spain	58.6	52.7	61.5	50.7			
Sweden	64.6	56.4	63.1	55.6			
Switzerland	56.6	56.6	53.0	54.6			
Turkey	61.2	41.2	57.2	38.9			
England	63.2	54.9	60.0	55.9			
Australia	62.6	54.8	65.9	55.5			
Canada	66.8	52.0	69.4	51.3			
New Zealand	61.9	58.4	69.2	57.3			

Source: QUALICOPC database version 4.0, March 2015; (see also: Schäfer et al, QUALICOPC, a multi-country study evaluating quality, costs and equity in primary care. BMC Fam Pract. 2011;12(1):115.)