

Additional File 1

The questionnaire that was sent to the doctors in the survey. This particular version is for the 1991 cohort (who had applied to medical school in 1990), but the others are almost identical except for question 2, which refers to different years for the career summary. Note that some items for question 17 have been removed due to possible copyright restrictions. Not all questions asked in the study have been referred to in the present paper but are for other purposes.

1990 Medical School Applicants: 2009 follow-up

1. How would you describe your current job? If not currently employed, tick here and describe your most recent post.

	Level	Speciality	Sessions (half-days) per week	Since when have you been in this post?	Is this an academic post?
Main Medical post					
Subsidiary Medical post(s)					
Non-medical post					

IF YOU ARE **ENTIRELY IN A NON-MEDICAL JOB**, PLEASE NEVERTHELESS COMPLETE AS MANY QUESTIONS AS POSSIBLE.

2. Please describe the course of your career from 1995 until the present day. For each year put a tick to indicate the post you held. Do not worry about being too precise (for instance, if your PRHO posts were from Aug 96 until Jul 97 then just put a tick under 96). If you were in several categories within a year then just tick them all. If you were part-time, indicate that in the row provided.

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Student														
PRHO														
SHO														
Registrar														
Senior Registrar														
Specialist Registrar														
Clinical Fellow														
Associate Specialist														
Consultant														
Other Hospital Grades														
GP Trainee / Registrar														
GP Assistant														
GP Principal														
Salaried GP														
Other Medical														
Other non-Medical														
Researcher														
Lecturer														
Senior Lecturer														
Reader														
Professor														
Not working														
If <i>part-time</i> , tick here														

3. What post-graduate examinations such as Degrees, Memberships, Fellowships, Diplomas, and Certificates have you obtained? For Memberships or Fellowships taken in several parts, please describe each part separately.

Qualification	Part	Year	Qualification	Part	Year	Qualification	Part	Year

4. Have you been awarded a CCST or CCT? No / Yes If Yes, when was it awarded? _____
If No, do you have a CCST or CCT date? No / Yes _____

5. How many patients do you see in a typical week?
Emergency admissions _____ Routine admissions _____ Day care _____
Out-Patient Department _____ General Practice _____ Other _____

6. How often does your typical work schedule leave you feeling short of sleep when at work?
Daily / Several times a week / Weekly / Several times a month / Monthly / Rarely / Never

7. Are you involved in clinical audit? I am leading on one or more audits / I am helping with one or more audits /
I have been to audit meetings / I know it is going on / Not at all

8. Are you currently undertaking any work-related leadership roles in addition to your normal clinical role (e.g. clinical directorate, quality committee, training programme, etc.)? No / Yes

If Yes:

What are the roles?	
What benefits do you get from them?	

What are their disadvantages?	
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9. **Are you currently:** *Single / Married-Cohabiting / Divorced / Widowed* ?
If Married-Cohabiting, is your partner: **Qualified as a doctor?** *No / Yes*
Qualified as a non-medical health-care professional? *No / Yes*
Working at present: *Full-time / Part-time / Not working*

10. **How many children do you have?** _____ **What years were they born?** _____

11. **Do you have a research degree or are you preparing for one?**

- Yes. If so, is it a PhD / MD / Other _____? What date was it conferred? _____*
- I am currently registered for a research degree. If so, is it a PhD / MD / Other _____?*
- No, but I would like to take a research degree in the future.*
- No, and I have no intention of taking one in the future*

12. **How many peer-reviewed research papers have you published?** *None / 1-2 / 3-5 / 6-10 / 11-20 / 21-50 / 51-100 / 101+*

13. **Did you publish any peer-reviewed research papers as an undergraduate?** *None / 1-2 / 3-5 / 6+*

14. **Irrespective of your current career post, if you were starting a medical career again, how attractive would you find each of these eleven broad areas of medical practice as a speciality?**

	<i>Extremely attractive</i>	<i>Very attractive</i>	<i>Fairly attractive</i>	<i>Fairly unattractive</i>	<i>Very unattractive</i>
Anaesthetics					
General Practice					
Hospital medicine					
Medical administration					
Obstetrics and Gynaecology					
Pathology (inc. Microbiology, Haematology, etc.)					
Paediatrics & Child Health					
Psychiatry / Mental health					
Public Health / Community Medicine					
Radiology / Radiotherapy					
Research					
Surgery (inc A&E and Ophthalmology)					

15. **How well do the following statements describe your working environment?**

	<i>Definitely disagree</i>	<i>Somewhat disagree</i>	<i>Somewhat agree</i>	<i>Definitely agree</i>
<i>i. At work I find it difficult to organise my time effectively</i>				
<i>ii. When I have something to do at work, I like to know precisely what is expected</i>				
<i>iii. Some of the issues that crop up at work are so interesting that I pursue them though they are not part of my job</i>				
<i>iv. My habit of putting off work leaves me with far too much catching up to do</i>				
<i>v. I prefer the work I am doing to be clearly structured</i>				
<i>vi. I spend a good deal of my spare time learning about things related to my work</i>				
<i>vii. There is a real opportunity in my job for me to choose the particular things I work on</i>				
<i>viii. My work colleagues really try hard to get to know one another</i>				
<i>ix. I have a lot of choice about the work I do</i>				
<i>x. My job requires me to do too many different things</i>				
<i>xi. My coworkers are supportive and friendly towards me</i>				
<i>xii. There seems to be too much work to get through in my job</i>				

16. **How often do the following statements describe the way you feel about working as a doctor?**

	<i>Every day</i>	<i>A few times a week</i>	<i>Once a week</i>	<i>A few times a month</i>	<i>Once a month or less</i>	<i>A few times a year</i>	<i>Never</i>
<i>i. I deal very effectively with the problems of my patients</i>							
<i>ii. I feel I treat some patients as if they were impersonal objects</i>							
<i>iii. I am proud of the work that I do</i>							
<i>iv. I feel emotionally drained from my work</i>							
<i>v. I feel fatigued when I get up in the morning and have to face another day on the job</i>							
<i>vi. At work I feel bursting with energy</i>							
<i>vii. I've become more callous towards people since I took this job</i>							
<i>viii. I feel I'm positively influencing other people's lives through my work</i>							
<i>ix. Working with people all day is really a strain for me</i>							
<i>x. When I am working I forget everything else around me</i>							
<i>xi. I don't really care what happens to some patients</i>							
<i>xii. I feel exhilarated after working closely with my patients</i>							
<i>xiii. I think of giving up medicine for another career</i>							

20. How has your health been in general over the past few weeks. Have you recently:

Been able to concentrate on whatever you're doing?	Better than usual	Same as usual	Less than usual	Much less than usual
Lost much sleep over worry?	Not at all	No more than usual	Rather more than usual	Much more than usual
Felt that you were playing a useful part in things?	More so than usual	Same as usual	Less useful than usual	Much less useful
Felt capable of making decisions about things?	More so than usual	Same as usual	Less so than usual	Much less capable
Felt constantly under strain?	Not at all	No more than usual	Rather more than usual	Much more than usual
Felt that you couldn't overcome your difficulties?	Not at all	No more than usual	Rather more than usual	Much more than usual
Been able to enjoy your normal day-to-day activities?	More so than usual	Same as usual	Less so than usual	Much less than usual
Been able to face up to your problems?	More so than usual	Same as usual	Less able than usual	Much less able
Been feeling unhappy and depressed?	Not at all	No more than usual	Rather more than usual	Much more than usual
Been losing confidence in yourself?	Not at all	No more than usual	Rather more than usual	Much more than usual
Been thinking of yourself as a worthless person?	Not at all	No more than usual	Rather more than usual	Much more than usual
Been feeling reasonably happy, all things considered?	More so than usual	About same as usual	Less so than usual	Much less than usual

21. Please describe a little about your interests and activities outside your job.

How often do you?

Every day A few times a week Once a week A few times a month Once a month or less A few times a year Never

	Every day	A few times a week	Once a week	A few times a month	Once a month or less	A few times a year	Never
Listen to popular music							
Listen to classical music							
Go to pop concerts / discos							
Go to classical music concerts / opera							
Play a musical instrument							
Go to museums or art galleries							
Read about art in newspapers, magazines or books							
Draw, paint, sculpt or do other arts or crafts							
Photography							
Read a novel							
Read non-fiction books (not for work or study)							
Read poetry							
Write poetry, fiction or other literature (not for work)							
Go to the cinema							
Go to the theatre (plays/musicals, etc)							
Acting or otherwise taking part in theatre							
Watching classical or modern ballet/dance							
Dance (any form)							
Play sport							
Watch sport							
Hike / Orienteer / Climb / Mountaineer / Ski etc.							
Cook							
Shop (for pleasure)							
Spend time on hobbies (excluding above activities)							
	----- Most days for -----						
	4+ hours	2-4 hours	1-2 hours	1 hour or less	2-3 times a week	Once a week	Less often
Watch television							
Watch DVDs / videos / etc..							
Listen to radio							
Listen to podcasts							
Browse the internet (not for work)							

22. How long did it take you to complete this questionnaire? _____ minutes

Thank you for completing this detailed questionnaire and helping with the survey

This questionnaire is entirely for the purposes of research. Both for your own reassurance and as a normal part of research ethics, we would be grateful if you would **acknowledge the declaration by initialling it.**

DECLARATION: This questionnaire is entirely for the purposes of educational research, its contents will be kept strictly confidential, will not be made known to anyone outside of the research study, and will not otherwise be disclosed or published except in an aggregated form in which individuals cannot be identified.

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Please acknowledge by initialling:

_____(Initials) ____/____/200____

