

## Supplemental Material 1: English translation of the staff questionnaire

- ☐ I have already filled this form
- ☐ I do not want to participate to this survey
- 1. Are you?
  - ☐ A men
  - ☐ A women
- 2. What is your age?
  - ☐ Less than 15 years old
  - ☐ 15 to 19 years old
  - ☐ 20 to 25 years old
  - ☐ 26 to 34 years old
  - ☐ 35 to 44 years old
  - ☐ 45 to 54 years old
  - ☐ 55 to 64 years old
  - ☐ 65 to 75 years old
  - ☐ More than 75 years old
- 3. Are you living with a pregnant women (including yourself) or a young child (less than one year old):
  - ☐ Yes
  - ☐ No
  - ☐ I do not wish to answer
- 4. What is your job within the *Hospices Civils de Lyon*:
  - ☐ Medical staff. Please precise:
    - ☐ Medical doctor
    - ☐ Midwife
    - ☐ Dentist
    - ☐ Pharmacist
    - ☐ Medical resident
  - ☐ Paramedical staff. Please precise:
    - ☐ Category A
    - ☐ Category B
    - ☐ Category C
    - ☐ I do not know
  - ☐ Logistical staff. Please precise:
    - ☐ Category A
    - ☐ Category B
    - ☐ Category C
    - ☐ I do not know
  - ☐ Technical staff / security. Please precise:
    - ☐ Category A
    - ☐ Category B
    - ☐ Category C
    - ☐ I do not know
  - ☐ Administrative staff. Please precise:
    - ☐ Category A
    - ☐ Category B
    - ☐ Category C
    - ☐ I do not know
  - ☐ Scientific staff
  - ☐ I do not wish to answer

**5. What kind of employment contract do you have?**

- ☐ Temporary
- ☐ Permanent
- ☐ I do not wish to answer

**6. Do you work by night (full-time or sometimes)?**

- ☐ Yes
- ☐ No
- ☐ I do not wish to answer

**7. In daily life, do you self-estimating yourself as able to inform or counsel your relatives or colleagues about tobacco harms?**

- ☐ Yes
- ☐ No
- ☐ I do not wish to answer

**8. Have you ever been a cigarette smoker?**

- ☐ Yes, I currently smoke
- ☐ Yes but I quitted for more than one year
- ☐ Yes but I quitted for less than one year
- ☐ No, never (or I have smoked less than 100 cigarettes during my lifetime)

**If you answered "No" to the question 8 you can jump to question 13**

**9. On average, how many cigarettes do you smoke per day?**

- ☐ Less than 5
- ☐ Between 5 and 10
- ☐ Between 10 and 20
- ☐ Between 20 and 40
- ☐ More than 40

**If you quitted smoking, you can jump to question 13**

**10. Have you ever tried to quit? (current smokers only)**

- ☐ Yes, once
- ☐ Yes, twice,
- ☐ Yes, more than twice
- ☐ No
- ☐ I do not wish to answer

**11. Are you willing to quit? (current smokers only)**

- ☐ Yes
- ☐ No
- ☐ I do not wish to answer

**12. Would you consider that you currently feel symptom related to tobacco smoking? (current smokers only)**

- ☐ Yes
- ☐ No
- ☐ I do not wish to answer

**13. Have you ever tried e-cigarette?**

- ☐ Yes, I currently smoke
- ☐ Yes but I quitted for more than one year
- ☐ Yes but I quitted for less than one year
- ☐ No, never (or I used less than 1 bottle liquid during my all life)

**If you have never smoked you can now send back this questionnaire**

**14. Since you are working at *Hospices Civils de Lyon*, did someone offer you help to quit smoking? Please tick only one box**

- ☐ Yes, my general practitioner

- ☐ Yes, occupational health doctor
- ☐ Yes, a colleague
- ☐ No
- ☐ I do not wish to answer

**15. Do you think your work increases you tobacco smoking?**

- ☐ Yes
- ☐ No
- ☐ I do not want to answer

**16. Where do you smoke more frequently?**

- ☐ At home
- ☐ At work
- ☐ I do not wish to answer

**Supplemental Material 2: English translation of the student questionnaire**

☐ **I do not want to participate to this survey**

**1. You are:**

- ☐ A men
- ☐ A women

**2. Your age:**

- ☐ Less than 15 years old
- ☐ 15 to 19 years old
- ☐ 20 to 25 years old
- ☐ 26 to 34 years old
- ☐ 35 to 44 years old
- ☐ 45 to 54 years old
- ☐ 55 to 64 years old
- ☐ 65 to 75 years old
- ☐ More than 75 years old

**3. Are you living with a pregnant women (including yourself) or a young child (less than one year old):**

- ☐ Yes
- ☐ No
- ☐ I do not wish to answer

**4. Which career are you following and what is your grade:**

- ☐ Medicine
  - ☐ 1<sup>st</sup> year or 2<sup>nd</sup> Year
  - ☐ 3<sup>rd</sup> or 4<sup>th</sup> year
  - ☐ 5<sup>th</sup> or 6<sup>th</sup> year
- ☐ Midwife
  - ☐ 1<sup>st</sup> year

- 2<sup>nd</sup> year
- 3<sup>rd</sup> year
- 4<sup>th</sup> year
- ☐ Caregiver
  - 1<sup>st</sup> year
  - 2<sup>nd</sup> year
  - 3<sup>rd</sup> year
  - 4<sup>th</sup> year
- ☐ Nurse
  - 1<sup>st</sup> year
  - 2<sup>nd</sup> year
  - 3<sup>rd</sup> year
  - 4<sup>th</sup> year
- ☐ Health manager
  - 1<sup>st</sup> year
  - 2<sup>nd</sup> year
  - 3<sup>rd</sup> year
  - 4<sup>th</sup> year
- ☐ Imaging technician
  - 1<sup>st</sup> year
  - 2<sup>nd</sup> year
  - 3<sup>rd</sup> year
  - 4<sup>th</sup> year
- ☐ I do not wish to answer

**5. In daily life, do you self-estimating yourself as able to inform or counsel your relatives or colleagues about tobacco harms?**

- ☐ Yes
- ☐ No
- ☐ I do not wish to answer

**6. Have you ever been a cigarettes smoker?**

- ☐ Yes, I currently smoke
- ☐ Yes but I quitted for more than one year
- ☐ Yes but I quitted for less than one year
- ☐ No, never (or I have smoked less than 100 cigarettes during my all life)

**If you answered “No” to the question 6 you can jump to question 11.**

**7. On average, how many cigarettes do you smoke per day:**

- ☐ Less than 5
- ☐ Between 5 and 10
- ☐ Between 10 and 20
- ☐ Between 20 and 40
- ☐ More than 40

**If you quitted smoking, you can jump to question 11.**

**8. Have you ever tried to quit ? (current smokers only)**

- ☐ Yes, once
- ☐ Yes, twice
- ☐ Yes, more than twice
- ☐ No
- ☐ I do not wish to answer

**9. Are you willing to quit? (current smokers only)**

- ☐ Yes

- ☐ No
- ☐ I do not wish to answer

**10. Would you consider that you currently feel symptom related to tobacco smoking? (current smokers only)**

- ☐ Yes
- ☐ No
- ☐ I do not wish to answer

**11. Have you ever tried e-cigarette:**

- ☐ Yes, I currently smoke
- ☐ Yes but I quitted for more than one year
- ☐ Yes but I quitted for less than one year
- ☐ No, never (or I used less than 1 bottle liquid during my all life)

**If you have never smoked you can now send back this questionnaire**

**12. Since you are studying at *Lyon University* or *Hospices Civils de Lyon*, did someone offer you help to quit smoking? Please tick only one box**

- ☐ Yes, my general practitioner
- ☐ Yes, occupational health/university doctor
- ☐ Yes, a colleague or a teacher
- ☐ No
- ☐ I do not wish to answer

**13. Do you think your studies increases you tobacco smoking:**

- ☐ Yes
- ☐ No
- ☐ I do not want to answer

**14. Where do you smoke more frequently:**

- ☐ At home
- ☐ At school
- ☐ I do not wish to answer

**Supplemental Material 3 – Proportion of current smokers in the two cohorts, as compared to their non-smokers (never and former) counterparts, and regarding different variables.**

Variable	Category	Current smokers in the student cohort			Current smokers in the staff cohort			Total		
		N	%*	P value	N	%*	P value	N	%*	P value
Gender	Female	607	25.7%	0.48	1116	23.0%	<10-4	1723	23.9%	<10-4
	Male	239	25.9%		383	29.4%		622	27.9%	
Age	15-19	389	21.1%	NC	12	54.5%	<10-4	401	21.5%	<10-4
	20-25	366	33.2%		221	32.8%		587	33.1%	
	26-34	51	25.2%		433	28.1%		484	27.8%	
	35-44	26	29.9%		370	26.5%		396	26.7%	
	45-54	11	29.7%		333	21.6%		344	21.8%	
	55-64				145	15.1%		145	15.0%	
	65-75				2	8.7%		2	8.7%	
Pregnant women / young child at home	No	761	25.3%	1.0	1160	24.1%	0.262	1921	24.6%	0.383
	Yes	27	25.2%		154	26.3%		181	26.1%	
Staff occupation	Technic. security				71	25.8%	<10-4	71	25.8%	<10-4
	Administrative				216	22.8%		216	22.8%	
	Logistical				83	46.4%		83	46.4%	
	Scientific				23	21.7%		23	21.7%	
	Medical				170	17.3%		170	17.3%	
	Paramedical				926	25.6%		926	25.6%	
Caregiver type	Medical	553	21.9%	<10-4	170	17.3%	<10-4	723	20.6%	<10-4
	Paramedical	286	38.6%		926	25.6%		1212	27.8%	
Staff category	Category A				491	20.0%	<10-4	491	20.0%	<10-4
	Category B				305	21.1%		305	21.1%	
	Category C				367	32.8%		367	32.8%	
Staff contract	Temporary				336	27.1%	0.030	336	27.1%	0.030
	Permanent				1050	24.1%		1050	24.1%	
Overnight work	No overnight				1133	23.4%	<10-4	1133	23.4%	<10-4
	Overnight				359	28.9%		359	28.9%	
Self-estimate as well informed on tobacco	No	123	30.2%	0.017	308	31.6%	<10-4	431	31.2%	<10-4
	Yes	662	24.6%		1108	22.5%		1770	23.3%	
E cigarette user	Never	587	20.2%	<10-4	1147	23.4%	0.003	1734	22.2%	<10-4
	Ever	256	84.5%		208	28.5%		464	44.9%	

\* From the whole cohort (never + former + current smoker), missing and refusal excluded line per line.

**Supplemental Material 4 – Willingness to quit smoking among current smokers in both cohorts and depending on some variables.**

Variable	Category	Current smokers from the student cohort				P value	Current smokers from the staff cohort				P value	Current smokers from both cohorts				P value
		Unwilling to quit		Willing to quit			Unwilling to quit		Willing to quit			Unwilling to quit		Willing to quit		
		N=353	%	N=313	%		N=515	%	N=669	%		N=868	%	N=982	%	
Gender	Female	245	52,4%	223	47,6%	0,609	359	42,6%	483	57,4%	0,255	604	46,1%	706	53,9%	0,189
	Male	106	54,6%	88	45,4%		143	46,4%	165	53,6%		249	49,6%	253	50,4%	
	Missing	2		2			13		21			15		23		
Age	≤25	327	55,2%	265	44,8%	0,004	95	51,4%	90	48,6%	0,051	422	54,3%	355	45,7%	<10-4
	26-34	16	39,0%	25	61,0%		141	45,2%	171	54,8%		157	44,5%	196	55,5%	
	35-44	6	31,6%	13	68,4%		111	38,1%	180	61,9%		117	37,7%	193	62,3%	
	45-54	1	12,5%	7	87,5%		104	40,5%	153	59,5%		105	39,6%	160	60,4%	
	≥55	0					51	44,7%	63	55,3%		51	44,7%	63	55,3%	
	Missing	3		3			13		12			16		15		
Occupation	Administrative staff						67	40,1%	100	59,9%	0,448	67	40,1%	100	59,9%	<10-4
	Technic, security staff						27	49,1%	28	50,9%		27	49,1%	28	50,9%	
	Logistical staff						28	42,4%	38	57,6%		28	42,4%	38	57,6%	
	Scientific staff						8	42,1%	11	57,9%		8	42,1%	11	57,9%	
	Medical staff						66	51,2%	63	48,8%		66	51,2%	63	48,8%	
	Paramedical staff						302	42,8%	404	57,2%		302	42,8%	404	57,2%	
	Medical student	251	60,0%	167	40,0%	<10-4						251	60,0%	167	40,0%	<10-4
	Paramedical student	97	40,8%	141	59,2%							97	40,8%	141	59,2%	
	Missing	5		5			17		25			22		30		
Staff contract	Student	353	53,0%	313	47,0%		0		0		0,472	353	53,0%	313	47,0%	0,001
	Temporary						122	45,7%	145	54,3%		122	45,7%	145	54,3%	
	Permanent						341	43,2%	449	56,8%		341	43,2%	449	56,8%	
	Missing						52		75			52		75		

<b>Overnight work</b>	No overnight						392	45,2%	476	54,8%	0,054	392	45,2%	476	54,8%	<10-4
	Overnight						106	38,5%	169	61,5%		106	38,5%	169	61,5%	
	Student	353	53,0%	313	47,0%							353	53,0%	313	47,0%	
	Missing	0		0			17		24			17		24		
<b>Information about tobacco</b>	No	67	63,2%	39	36,8%	0,013	114	47,3%	127	52,7%	0,153	181	52,2%	166	47,8%	0,019
	Yes	255	50,0%	255	50,0%		359	42,1%	493	57,9%		614	45,1%	748	54,9%	
	Missing	31		19			42		49			73		68		
<b>Number of cigarette smoked per day</b>	<10	271	53,3%	237	46,7%	0,016	347	44,4%	434	55,6%	0,197	618	47,9%	671	52,1%	0,012
	10-20	53	46,5%	61	53,5%		133	39,6%	203	60,4%		186	41,3%	264	58,7%	
	>20	10	90,9%	1	9,1%		26	50,0%	26	50,0%		36	57,1%	27	42,9%	
	Missing	19		34			9		6			28		20		
<b>Number of quitting attempt</b>	Never	193	72,8%	72	27,2%	<10-4	222	64,3%	123	35,7%	<10-4	415	68,0%	195	32,0%	<10-4
	Once	67	45,3%	81	54,7%		130	44,4%	163	55,6%		197	44,7%	244	55,3%	
	Twice	41	42,7%	55	57,3%		76	38,8%	120	61,2%		117	40,1%	175	59,9%	
	More than 2	25	22,7%	85	77,3%		73	22,6%	250	77,4%		98	22,6%	335	77,4%	
	Missing	27		20			14		13			41		33		
<b>Feel with tobacco symptoms</b>	No	269	59,9%	180	40,1%	<10-4	425	53,6%	368	46,4%	<10-4	694	55,9%	548	44,1%	<10-4
	Yes	79	39,1%	123	60,9%		76	21,2%	282	78,8%		155	27,7%	405	72,3%	
	Missing	5		10			14		19			19		29		