Table S1: Significant associations observed by gender, smoking status, professional characteristics and location of training in the delivery of tobacco cessation interventions to patients

| Tobacco cessation interventions | Significantly associated independent variables | \( p \) value | adjusted \( p \) value<sup>a</sup> |
|---------------------------------|-----------------------------------------------|---------------|------------------------------|
| Ask about patient’s smoking/tobacco use. | Place of work | \(<0.001\) | \(<0.001\) |
| | Location | \(<0.001\) | |
| | Highest degree | 0.001 | |
| | Smoking status | 0.009 | |
| | Profession | 0.014 | 0.006 |
| Advise a patient to quit smoking? | Gender | 0.011 | 0.010 |
| | Years of experience | 0.022 | 0.020 |
| | Profession | 0.025 | 0.001 |
| Assess if patients are interested in stopping smoking? | Years of experience | \(<0.001\) | \(<0.001\) <sup>b</sup> |
| Assist a patient with smoking cessation? | Years of experience | 0.003 | 0.003 <sup>b</sup> |
| Arrange smoking cessation follow-up? | Years of experience | 0.001 | 0.001 <sup>b</sup> |
| Recommend the use of a telephone quitline for smoking cessation. | Years of experience | \(<0.001\) | 0.009 |
| | Highest degree | 0.009 | |
| Refer a patient to tobacco cessation resources (clinics, counselling, etc.) in the community? | Years of experience | 0.001 | \(<0.001\) |
| | Place of work | 0.029 | 0.002 |
| Provide recommendations for tobacco cessation medications? | Place of work | 0.006 | 0.002 |
| | Location | 0.038 | |
| Review barriers to quitting with patients who are unwilling to make a quit attempt. | Previous tobacco cessation training | 0.016 | 0.016 <sup>b</sup> |
| Recommend to patients and family members the importance of creating a smoke-free home environment after leaving the hospital? | Years of experience | 0.008 | 0.008 <sup>b</sup> |
| How many patients do you estimate to have counselled for smoking cessation over the past week? | Profession | 0.007 | 0.007 |
| | Previous tobacco cessation training | 0.015 | |

<sup>a</sup>: \( p \) value obtained following multivariate analysis.

<sup>b</sup>: no adjustment required
**Table S2:** Significant associations observed by gender, smoking status, professional characteristics and location of training in opinions about counselling patients to quit smoking

| Opinions about counselling patients to quit smoking | Significantly associated independent variables | $p$ value | adjusted $p$ value$^a$ |
|---------------------------------------------------|-----------------------------------------------|-----------|----------------------|
| I have an obligation to advise patients on the health risks associated with tobacco use. | Smoking status | 0.024 | 0.024$^b$ |
| As a health professional, I can play an important role in helping patients quit. | Location | 0.026 | 0.028 |
| Place of work | 0.004 |
| I should take a more active role in helping patients to quit smoking. | Place of work | 0.052 | 0.052$^b$ |
| Counselling patients about quitting is not an efficient use of my time. | Place of work | 0.001 | <0.001 |
| Location | 0.002 |
| Highest qualification | 0.004 |
| Years of experience | 0.020 | 0.018 |
| Asking patients about smoking increases the likelihood that they will quit. | Profession | 0.039 | 0.039$^b$ |
| Providing tobacco cessation counselling is important to our hospital even if only a few patients quit. | Smoking status | 0.040 | 0.040$^b$ |
| Patients will be offended if I inquire about their smoking status. | Place of work | <0.001 | <0.001 |
| Highest qualification | 0.004 |
| Location | 0.011 |
| Smoking status | 0.023 |
| I have insufficient time to counsel patients about quitting smoking. | Gender | 0.001 | 0.003 |
| Profession | 0.008 | 0.025 |
| Highest qualification | 0.050 |
| It is difficult for me to get people to quit smoking. | Smoking status | 0.003 | 0.003$^b$ |

*a:* $p$ value obtained following multivariate analysis.

*b:* no adjustment required
Table S3: Significant associations observed by smoking status and professional characteristics in health care professionals’ attitudes and beliefs about health professionals and smoking and their role in tobacco control

| Attitudes and beliefs about health professionals and smoking and their role in tobacco control | Significantly associated independent variables | \( p \) value | adjusted \( p \) value\(^a\) |
|---|---|---|---|
| Health professionals should set a good example by not smoking. | Years of experience | 0.019 | 0.019\(^b\) |
| How important is it for health professionals to be involved in tobacco control activities? | Smoking status | 0.024 | |
| | Place of work | 0.011 | <0.001 |

\( a \): \( p \) value obtained following multivariate analysis.

\( b \): no adjustment required

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