Table S2. Doctors’ and nurses’ views on barriers to implementing alcohol screening and brief interventions at the baseline.

| **BCW Component** | **TDF Domain** | **Construct** | **Item** | **Intervention****N=82** | **Control****N=82** |
| --- | --- | --- | --- | --- | --- |
| Capability | D1 Knowledge | Knowledge | I know the content and objectives of the guideline on alcohol screening and brief intervention | 3.7±1.4 | 3.6±1.4 |
| Procedural knowledge | I know how to screen for alcohol misuse and how to deliver a brief intervention | 3.7±1.5 | 3.5±1.2 |
| D2 Skills | Skills | I have been trained how to screen for alcohol misuse and how to deliver a brief intervention | 2.9±1.6 | 2.5±1.5 |
| I have the skills to screen for alcohol misuse and to deliver a brief intervention | 3.4±1.4 | 3.2±1.2 |
| Motivation | D3 Social/professionalrole and identity | Professional role | Screening and advising for alcohol misuse is part of my work as a doctor/nurse | 5.5±1.0 | 5.3±1.0 |
| It is my responsibility as a doctor/nurse to screen and advise for alcohol misuse | 5.5±1.0 | 5.3±1.0 |
| D4 Beliefs aboutcapabilities | Self-efficacy | I am confident that I can screen and advise for alcohol misuse even when the patient is not motivated | 4.3±1.3 | 4.3±1.0 |
| I am confident that I can screen and advise for alcohol misuse even when there is little time | 3.7±1.5 | 4.0±1.1 |
| Perceived behavioralcontrol | For me, screening and advising for alcohol misuse isdifficult | 4.5±1.0 | 4.6±1.0 |
| D5 Optimism | Optimism | With regard to screening and advising for alcohol misuse I am always optimistic about the future | 3.8±1.1 | 3.9±0.9 |
| With regard to screening and advising for alcohol misuse overall, I expect more good things to happen than bad | 4.1±1.0 | 4.2±1.0 |
| D6 Beliefs aboutconsequences | Outcomeexpectancies | If I screen and advise for alcohol misuse it will benefit public health | 5.8±1.1 | 5.8±1.0 |
| If I screen and advise for alcohol misuse it will have disadvantages for my relationship with the patient | 3.0±1.1 | 2.9±1.1 |
| Motivation | D7 Reinforcement | Reinforcement | Whenever I screen and advise for alcohol misuse, I feel like I am making a difference | 4.9±1.1 | 5.0±0.9 |
| Whenever I screen and advise for alcohol misuse, I get recognition from professionals who are important to me | 4.0±1.0 | 4.2±0.8 |
| D8 Intention | Intention | I intend to screen and advise for alcohol misuse in the next appointment | 4.6±1.1 | 4.6±0.8 |
| I will definitely screen and advise for alcohol misuse in the next appointment | 4.4±1.0 | 4.4±0.8 |
| D9 Goals | Action planning | I have a clear plan how often I will screen and advise for alcohol misuse | 3.7±1.0 | 3.6±0.8 |
| Priority | Generally, I am more pressured to cover something else than to screen and advise for alcohol misuse | 5.0±1.3 | 4.9±1.2 |
| Capability | D10 Memory, attentionand decision processes | Memory | Screening and advising for alcohol misuse is difficult to remember | 3.7±1.1 | 3.7±1.2 |
| I often need to check the guideline on alcohol screening and brief intervention before screening and advising for alcohol misuse | 4.4±1.2 | 4.3±1.1 |
| Opportunity | D11 Environmentalcontext and resources | Resources/material resources | Screening and advising for alcohol misuse has a good fit with routine practice | 4.3±1.3 | 3.9±1.0 |
| In the organization I work screening and advising for alcohol misuse is routine | 3.7±1.4 | 3.5±1.0 |
| In the organization I work there is enough time to screen and advise for alcohol misuse | 2.9±1.2 | 2.8±1.1 |
| In the organization I work I have the tools to screen and advise for alcohol misuse | 3.6±1.2 | 3.5±1.2 |
| In the organization I work I have a working network for referring patients with alcohol dependence | 3.7±1.4 | 3.8±1.5 |
|  |  |  |  |  |  |
| Opportunity | D12 Social influences | Social support | I can rely on a dedicated team of professionals when things get tough when screening and advising for alcohol misuse | 3.7±1.3 | 3.6±1.3 |
| I can rely on my colleagues when things get tough when screening and advising for alcohol misuse | 4.1±1.2 | 4.1±1.1 |
| Motivation | D13 Emotion | Affect | I feel nervous when screening and advising for alcoholmisuse | 3.3±1.2 | 3.4±1.2 |
| Capability | D14 Behavioralregulation | Automaticity | Screening and advising for alcohol misuse is something I do automatically | 3.4±1.4 | 3.5±1.1 |
| Self-monitoring | I tend to notice my successes while working towards screening and advising for alcohol misuse | 4.5±0.9 | 4.3±0.9 |
| Action planning | I have a clear plan when I will screen and advise for alcohol misuse | 3.3±1.3 | 3.3±0.9 |
| I have a clear plan of how I will screen and advise for alcohol misuse | 3.2±1.2 | 3.3±0.9 |