

## Additional file 2. Adherence of nursing wards to strategy components

<b>State-of-the-art group n=47</b>		
<b>Component</b>	<b>Improvement activities</b>	<b>Adherence</b>
Education	Presence educational website and knowledge quiz ( <i>content</i> )	100%
	Participation in knowledge quiz ( <i>coverage</i> )	11%
	Presence of leaflets ( <i>content</i> )	100%
	HH promotion event ( <i>content</i> )	68%
Reminders	Three newsletters to ward manager ( <i>content</i> )	100%
	Publication in hospital magazine ( <i>content</i> )	100%
	Distribution of hand hygiene posters twice ( <i>content</i> )	100%
	Presence of hand hygiene posters on the wards ( <i>coverage</i> )	100%
Performance feedback	Distribution performance feedback reports to ward manager twice ( <i>content</i> )	100%
Facilities and products	Presence of hand hygiene products ( <i>content</i> )	100%
	Acceptable access to washstands / hand rub ( <i>coverage</i> )	45%
<b>Team and leaders-directed group n=20</b>		
<b>Component</b>	<b>Improvement activities</b>	<b>Adherence</b>
Education	Presence educational website and knowledge quiz ( <i>content</i> )	100%
	Participation in knowledge quiz ( <i>coverage</i> )	37%
	Presence of leaflets ( <i>content</i> )	100%
	HH promotion event ( <i>content</i> )	75%
Reminders	Three newsletters to ward manager ( <i>content</i> )	100%
	Publication in hospital magazine ( <i>content</i> )	100%
	Distribution of hand hygiene posters twice ( <i>content</i> )	100%
	Presence of hand hygiene posters on the wards ( <i>coverage</i> )	100%
Performance feedback	Distribution performance feedback reports to ward manager twice ( <i>content</i> )	100%
Facilities and products	Presence of hand hygiene products ( <i>content</i> )	100%
	Acceptable access to washstands / hand rub ( <i>coverage</i> )	40%

Setting norms and targets	Team discussion organised ( <i>content</i> )	100%
	Number of team discussions ( <i>dosage</i> )	92%
	Nurses' participation in team discussions ( <i>coverage</i> )	50%
	Time spent on team discussions ( <i>dosage</i> )	90%
	<b>Topics</b> Goal setting in hand hygiene performance ( <i>content</i> )	100%
	Analysis of barriers and formulating improvement activities ( <i>content</i> )	100%
	Norms and targets established ( <i>coverage</i> )	100%
Social influence	Nurses address each other in case of undesirable hand hygiene behaviour ( <i>content</i> )	100%
Leadership	Ward manager discusses hand hygiene compliance rates with team members ( <i>content</i> )	95%
	Ward manager designates hand hygiene as a priority ( <i>content</i> )	95%
	Ward manager actively supports team members and informal leaders ( <i>content</i> )	95%
Modelling	Informal leaders model social skills of team members in addressing hand hygiene behaviour of colleagues ( <i>content</i> )	90%
	Informal leaders demonstrate good hand hygiene behaviour ( <i>content</i> )	90%
	Informal leaders instructs and stimulates colleagues in providing good hand hygiene behaviour ( <i>content</i> )	90%