

### Additional file 3. Matrix of change objectives

	Determinants			
Performance objectives				
	Knowledge	Attitude	Intention	Personal agency
<i>Young people...</i>	<i>Behavioral outcome 1: Use effective contraception</i>			
<i>po1.1 Choose a method</i>	<p>k1.1.1 Name the effective methods</p> <p>k1.1.2 Describe how the effective methods work</p> <p>k1.1.3 List the risks &amp; benefits of the range of effective methods</p>	<p>a1.1.1 Express positive attitudes towards the effective methods</p> <p>a1.1.2 Recognise that hormonal methods are not less healthy than non-hormonal methods</p> <p>a1.1.3 Differentiate between real potential side-effects and misconceptions</p> <p>a1.1.4 Recognise that an experience of side-effects in one method may not occur in another method</p>	<p>i1.1.1 Assess options</p> <p>i1.1.2 Express intention to choose effective contraception</p>	<p>pa1.1.0 Express personal agency in choosing an effective method despite fears of being judged by society (married or not married)</p>
<i>po1.2 Acquire the method</i>	<p>k1.2.0 List services that provide effective contraception</p>	<p>a1.2.1/a2.1.1 Question whether not attending a service because of fear of being judged by providers is worth the risk of unintended pregnancy</p> <p>a1.2.2 Question whether not using effective contraception because of fear of being judged by society (whether married or unmarried) is worth the risk of unintended pregnancy</p> <p>a1.2.3 Recognise that it is better to withhold assumptions about the affordability of contraception until the price has been confirmed by the service</p>	<p>i1.2.0 Express intention to acquire effective contraception</p>	

	Determinants			
Performance objectives				
	Knowledge	Attitude	Intention	Personal agency
<i>po1.3 Use the method correctly</i>	k1.3.0 Describe how methods are used		i1.3.0 Express intention to use effective contraception	pa1.3.0 Express personal agency in using methods correctly
	<i>Behavioral outcome 2: Access reproductive health services</i>			
<i>po2.1 Locate a service</i>	k1.2.0/2.1.0 List services that provide effective contraception	a2.1.1/a1.2.1 Question whether not attending a service because of fear of being judge by providers is worth the risk of unintended pregnancy  a2.1.2 Understand that it is fundamental to providers' job to maintain confidentiality  (B)a2.1.3 Debate cultural norm of not accessing services until something is wrong	i2.1.0 Express intention to locate a service	
<i>po2.2 Travel to the service</i>			i2.2.0 Plan travel to the service  i2.2.1 Recognise that it is possible for young people (married or not married) to travel to services while preserving privacy	pa2.2.0 Express personal agency in travelling to the service
<i>po2.3 Communicate effectively with providers</i>				pa2.3.0 Express personal agency in communicating with providers
	<i>Behavioral outcome 3: Communicate with partners about contraception before sex</i>			

	<b>Determinants</b>			
<b>Performance objectives</b>				
	<b>Knowledge</b>	<b>Attitude</b>	<b>Intention</b>	<b>Personal agency</b>
<i>po3.1 Initiate conversation with partner</i>		a3.1.1 Question whether refraining from initiating a conversation about contraception with a partner is worth the risk of unintended pregnancy  (B)a3.1.3 Assess whether having sex without using effective contraception is really a “proof of love”	i3.1.0 Express intention to initiate conversation about effective contraception with partners	pa3.1.0 Express personal agency in initiating a conversation about effective contraception with partners
<i>po3.2 State own fertility preferences</i>			i3.2.0 Express intention to clearly state own fertility preferences with partner	pa3.2.0 Express personal agency in clearly stating own fertility preferences to partner
<i>po3.3 Listen to partner’s fertility preferences</i>			i3.3.0 Express intention to listen to partner’s fertility preferences	pa3.3.0 Express personal agency in listening to partners talk about their fertility preferences

(B) Bolivia only