Adapting imported models: issues for consideration
Tension between two competing aims:

1. Develop effective intervention and implement with fidelity

2. Ensure intervention is appropriate to specific culture and setting
Useful terminology

Mechanism + Context $\rightarrow$ Outcomes
(Pawson and Tilley *Realist Evaluation*)

**Mechanism**
- active ingredient
- causal pathway
- logic model
- theory of change

**Context**
- setting
Some examples

• Early years Family Nurse Partnership (Olds et al. 1998)

• Gay Heroes (Flowers et al. 2002)

• SHARE & RIPPLE → Mema kwa Vijana (Ross et al. 2007; Plummer 2012)
  – peer educators
  – transactional sex
Criteria included in 25 frameworks reviewed: Burchett et al. 2011

<table>
<thead>
<tr>
<th>Categories</th>
<th>Types of Criteria</th>
</tr>
</thead>
</table>
| Setting [context] | Local need for intervention  
Setting characteristics  
Population characteristics  
Ease of implementation  
General applicability/transferability to settings/populations |
| Intervention [mechanism] | Intervention characteristics  
Acceptability  
Adaptation |
| Outcome | Effectiveness/efficacy  
Relevance of outcome measures  
Unintended effects  
Differential effects  
Sustainability  
Cost-effectiveness  
Potential effectiveness in new setting |
| Evidence | Consistency  
Assessment of study design/methods |
Stages in developing an intervention

A  Defining and understanding the problem/ needs assessment

B  Clarifying which causal or contextual factors are malleable/modifiable and have greatest scope for change

C  Identifying when to intervene and how
   –  purpose of intervention and change mechanism

D  Designing the intervention/ applying mechanism

E  Testing and refining the intervention on small scale
   –  formative evaluation: potentially many cycles

F  Implementation and impact/outcome evaluation
<table>
<thead>
<tr>
<th>Stage of design</th>
<th>Transferability issues</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defining the problem</td>
<td>Local need for intervention Setting [context]</td>
<td>poor attachment mobilisation and motivation legal practices moral double standards</td>
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<tr>
<td></td>
<td>Population characteristics</td>
<td></td>
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<tr>
<td>Clarifying malleable causal</td>
<td>Setting [context] Population characteristics</td>
<td>fundamental cultural beliefs</td>
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<tr>
<td>factors</td>
<td></td>
<td></td>
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<tr>
<td>Identifying when to intervene</td>
<td>Setting [context] Population characteristics</td>
<td>cultural beliefs and values; kinship patterns</td>
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<tr>
<td>and how</td>
<td></td>
<td></td>
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<tr>
<td>Designing the intervention/</td>
<td>Setting [context] Population characteristics Intervention</td>
<td>infrastructure; media literacy; language skills; motivation; core active ingredient?</td>
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<tr>
<td>applying mechanism</td>
<td>characteristics [mechanism]</td>
<td></td>
</tr>
<tr>
<td>Piloting and refining the</td>
<td>Setting [context] Ease of implementation Acceptability</td>
<td>professional skills and adaptability cultural values; perceived origin</td>
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<tr>
<td>intervention</td>
<td></td>
<td></td>
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<tr>
<td>Outcome evaluation</td>
<td>Setting [context] Effectiveness/efficacy Relevance of</td>
<td>historical conditions; institutions nature of control group</td>
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<td></td>
<td>outcome measures Unintended effects Differential effects</td>
<td></td>
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<td></td>
<td>Sustainability Cost-effectiveness</td>
<td>what works with whom? institutions; governance existing services; wage levels</td>
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</tbody>
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