LLIN delivery models: public sector only or mixed public-private partnerships?

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LSHTM
Defining public and private

Public
Largely under the control of central or local government

Private
All those outside of the public sector whether their aim is philanthropic or commercial
## LLIN delivery systems

<table>
<thead>
<tr>
<th>Components of the system</th>
<th>Strategies</th>
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<tbody>
<tr>
<td>1) procurement</td>
<td>1) delivery of subsidy</td>
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<td>2) quality assurance</td>
<td>2) level of subsidy</td>
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<td>3) movement of product through the delivery system</td>
<td>3) targeting</td>
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<td>4) transfer of product from provider to end user</td>
<td>4) product</td>
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<td>5) monitoring</td>
<td>- LLIN</td>
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<td></td>
<td>- pre-treated ITN</td>
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<td>- bundled ITN</td>
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<td>- untreated nets (local nets)</td>
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<td>5) treatment</td>
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<td>6) replacement</td>
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Mixed public-private delivery

**Assisted routine delivery**
- delivery of product public sector
- assistance by NGOs

**Strategies**
- delivery of subsidy combined with product through the public sector
- targeting via the public sector
- varying levels of subsidy

?? Role of the commercial sector

**Voucher systems**
- delivery of product commercial sector

**Strategies**
- delivery of subsidy via a discount voucher through the public sector
- targeting via the public sector
- varying levels of subsidy

Direct role of the commercial sector
# Consideration points

<table>
<thead>
<tr>
<th>Operational/Contextual</th>
<th>Outcome</th>
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<tbody>
<tr>
<td>• capacity of the public sector</td>
<td>• levels of ownership and use</td>
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<tr>
<td>• capacity of the private sector</td>
<td>• disparities in ownership and use: urban/rural, socio-economic</td>
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<td>• constitution of the private sector within country</td>
<td>• reducing the gap between ownership and use</td>
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<td>• policy environment</td>
<td>• cost effectiveness of delivery at scale</td>
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<td>• sustainability</td>
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The way forward ..........

......gradual staged transition towards integration of the assisted clinic model into MoH systems

......Kenyan commercial sector nets feeding into the clinic delivery system

......targeted intermittent campaigns based on evidence

......retail social marketing to provide ITNs to non-target groups

Evidence based: re-treatment / replacement, geographic, economic, mass