**Study Design Framework – quasi-experimental, controlled before-after intervention design**

<table>
<thead>
<tr>
<th>Study population</th>
<th>Study sample</th>
<th>Assessment</th>
<th>Results</th>
<th>Interpretation</th>
<th>Extrapolation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED population in the UAE</td>
<td>All patients registered in the ED at the study hospital</td>
<td>Retrospective electronic medical records audit</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Before the FTA
- **Control group**
  - January 2005
  - CTAS 2
  - CTAS 3
  - CTAS 4
  - CTAS 5

### After the FTA
- **Intervention group**
  - January 2006
  - CTAS 2
  - CTAS 3
  - CTAS 4
  - CTAS 5

### Measures
- LOS
- Waiting times
- LWBS rates
- Mortality

### Results
- The differences between the control and intervention groups
- Results are interpreted as effectiveness and quality measures of a FTA in the ED.

### Interpretation
- Conclusions can be extrapolated for FTAs in other EDs in the Middle East.