

Methodology	Lean	Six Sigma
Theory	❖ Reduce waste	❖ Reduce variation
Application guidelines	<ul style="list-style-type: none"> <li>✓ Identify value</li> <li>✓ Identify value stream</li> <li>✓ Flow</li> <li>✓ Pull</li> <li>✓ Perfection</li> </ul>	<ul style="list-style-type: none"> <li>✓ Define</li> <li>✓ Measure</li> <li>✓ Analyse</li> <li>✓ Improve</li> <li>✓ Control</li> </ul>
Focus	○ Flow	○ Problem
Assumptions	<ul style="list-style-type: none"> <li>● Waste removal will improve performance</li> <li>● Many small improvements are better than systems analysis</li> </ul>	<ul style="list-style-type: none"> <li>● A problem exists</li> <li>● Figures and numbers are valued</li> <li>● System output improves if variation in all processes is reduced</li> </ul>
Primary effect	✓ Reduced flow time	✓ Uniform process output
Secondary Effects	<ul style="list-style-type: none"> <li>➤ Less variation</li> <li>➤ Uniform output</li> <li>➤ Less inventory</li> <li>➤ New accounting system</li> <li>➤ Flow metrics</li> <li>➤ Improved quality</li> </ul>	<ul style="list-style-type: none"> <li>➤ Less waste</li> <li>➤ Fast throughput</li> <li>➤ Less inventory</li> <li>➤ Variation metrics</li> <li>➤ Improved quality</li> </ul>
Criticisms	○ Statistical or system analysis not valued	<ul style="list-style-type: none"> <li>○ System interaction not considered</li> <li>○ Processes improved independently</li> </ul>