



Mapping the Manufacturing Value Stream to Spot Improvement Opportunities

Challenge

The technical team responsible for a market leading medicine within this high-profile global, science-led biopharmaceutical company wanted to establish where process improvement opportunities existed for the product line.

Approach

The team executed a Britest study to spot the opportunities for improvement, creating a Process Information Summary Map for each product variant. This provided a high level overview of the sequence of stages in the process, summarising process inputs and outputs and recording key information associated with each stage of the process.

In consequence, for the first time ever, the manufacturing value stream could be seen end-to-end in great detail. PrISM has proven to be so effective in this regard that it has replaced SIPOC as the mapping tool of choice.

Benefits

- The study highlighted the gap between the value of Active Pharmaceutical Ingredient purchased and the that reached the patient, identifying the scale of the opportunity and where key improvements needed to be made.
- The start of an improvement journey - starting with cashing in on the quick wins identified.
- The technical team is now being restructured to deliver the pipeline of improvement projects.

Key Features:

Client - AstraZeneca

Industry - Application Area

Pharmaceuticals - Process improvement, opportunity spotting and prioritisation

Challenge

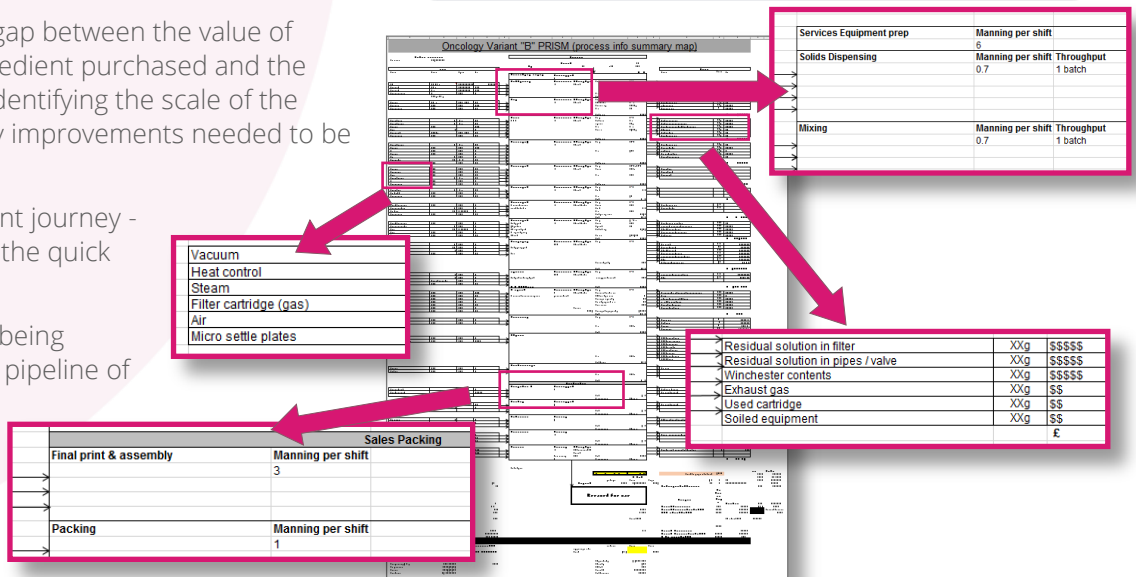
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Solution

Creating a Britest Process Information Summary Map for each product variant helped to develop a detailed process understanding in a very short amount of time.

Outcomes

For the first time, the management team was able to see the manufacturing value stream end-to-end in great detail, enabling them to take advantage of quick wins, and a restructured technical team to embark upon the delivery of a pipeline of improvement projects towards a significant financial opportunity.



Being able to see our manufacturing value stream end-to-end and in detail was a light bulb moment for our management team.



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Generating value from process understanding