

Designing a clinical trial:

Tips and tricks to streamline your clinical supply chain

AGENDA OF THE WEBINAR

- How does the trial design influence the supply chain?
- Trial design optimization
 - Protocol design
 - Supply chain design
- Tips and tricks
 - When designing a trial
 - How to make it happen

Attendees from

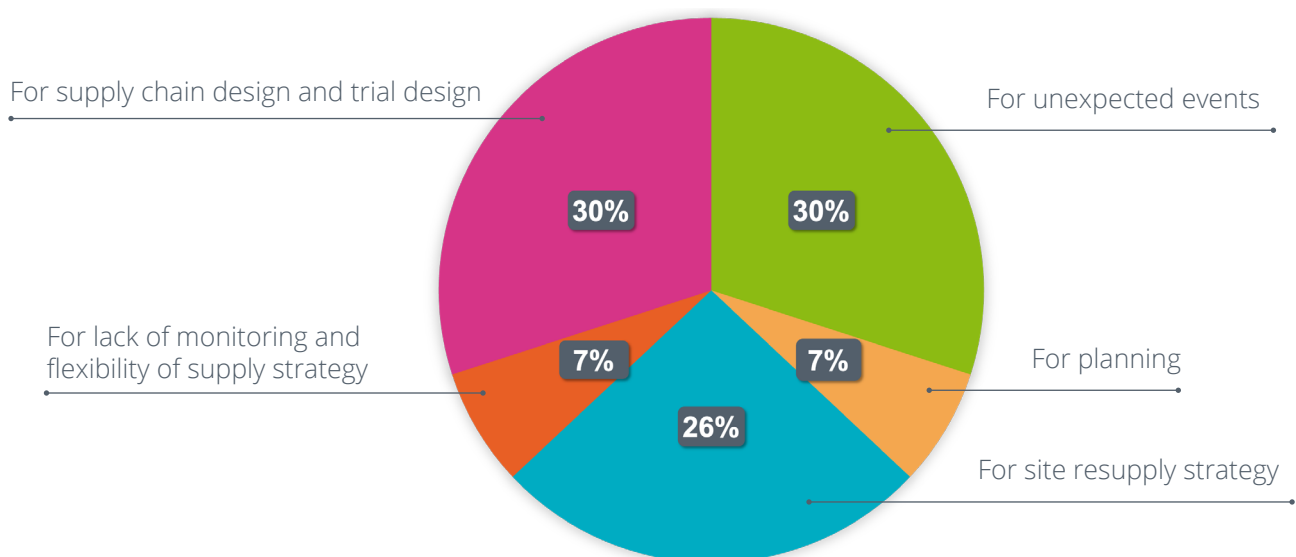


Main drivers of inefficiencies in clinical supply

- | | |
|--------------------------|---|
| 1 Unexpected events | 4 Lack of monitoring and flexibility of supply strategy |
| 2 Planning | 5 Supply chain design |
| 3 Site resupply strategy | 6 Trial design |

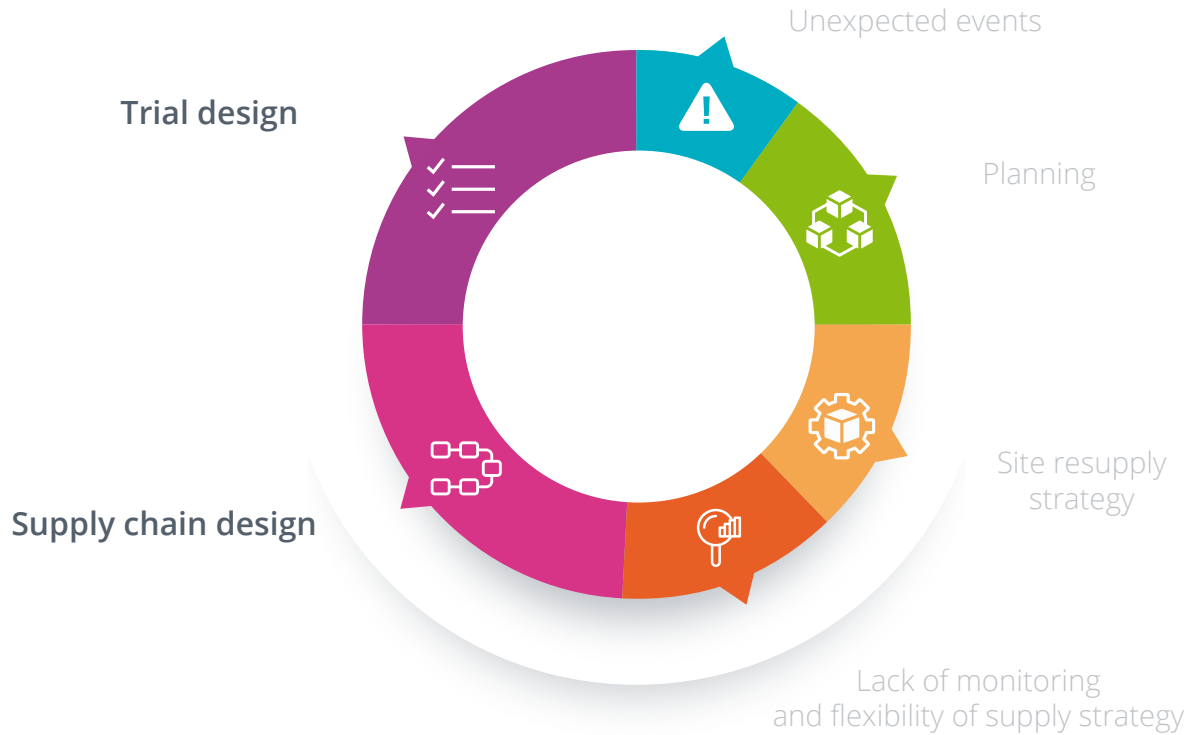
Poll

According to you, what's the most impactful driver of waste?

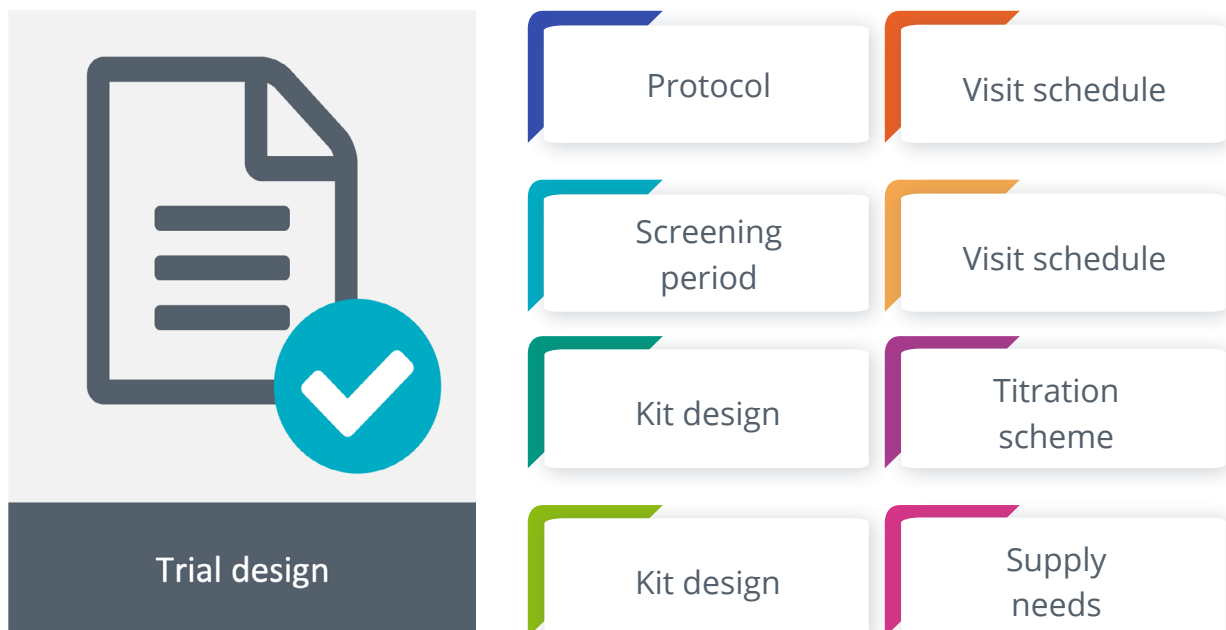


What are the most impactful drivers of inefficiencies in clinical supply?

Supply chain design and trial design represent almost 50% of waste generation!



Trial design is a common driver of waste



Supply Chain design is another common driver of waste

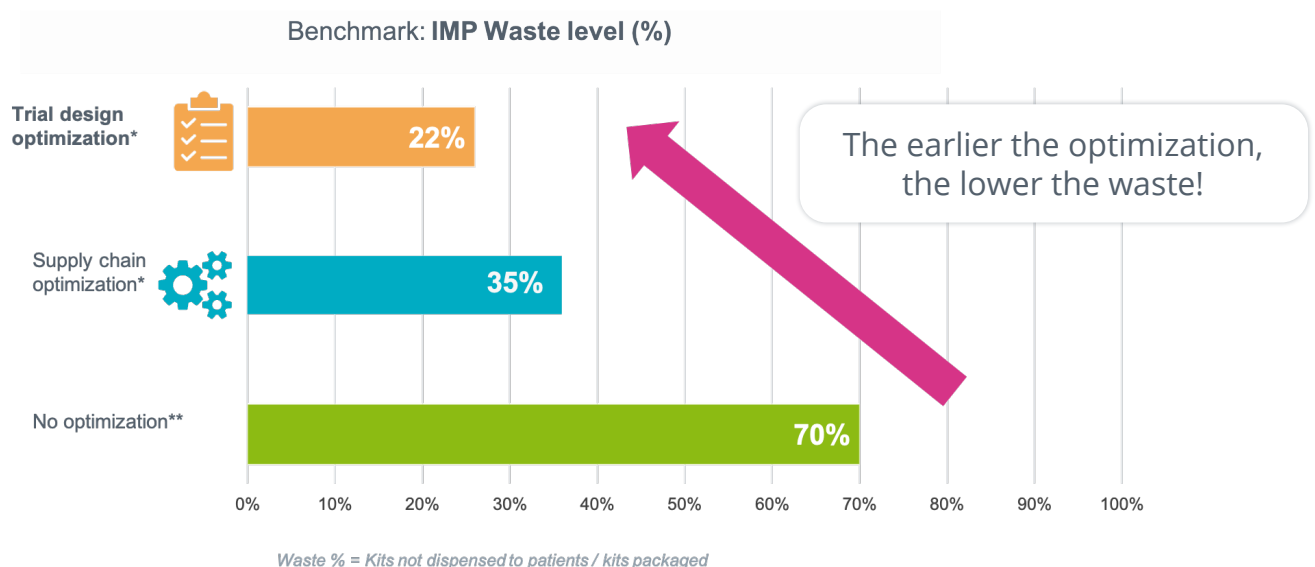


Technical considerations

If possible, one should try to have:

- Minimum screening period > max shipping lead time
- Kit design aligned with visit interval/ window & dose levels
- Dynamic buffers
- Flexible IRT parameters
- Low number of local depots
- Countries with low lead times

What can you expect? A benchmark



* Analysis performed on over 1000 trials optimized thanks to N-SIDE from 2017 to 2021

** Retrospective analysis performed on over 500 trials that ended before 2019, managed without optimization by 4 pharma companies

