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**FLEXIBLE  
TO CUSTOMER  
REQUIREMENTS**

## CUSTOMER NEED



Initially, customer required clinical supplies for 3 strengths of Sustained release and 1 immediate release tablets. There was a change in project scope after a while where sustained release formulation was to be converted to floating tablet (as per requirement-absorption in upper GI in order to avoid degradation of drug in lower GI). These requirements were coupled with need to reduce timeline by 4 months for production of first clinical batches.

## WHAT WE DID

During formulation development, there was a drastic scope change, hence to tackle this case, we carried out an additional API-excipient compatibility study to keep a flexible environment around this study. Additional aspects of effervescent matrix for tablet flotation and density based use of polymers were evaluated for formulation development for one strength to sync the changes. Simultaneously, development of all strengths for all release profiles after development of the first formulation was carried out to cope up with time. The overall reduction in timeline was justified by appropriate planning for RM procurement, vendor approval and optimizing time for internal processes and documentation by assigning top priority and escalations!

## VALUE DELIVERED TO CUSTOMER

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We successfully developed formulation with complex requirement for absorption. Additionally, clinical trials could be advanced by 4 months due to early supply of clinical batches. Flexibility and adjustability according to customer requirement is core of service delivery at Piramal Pharma Solutions!





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