Review and Examples of Master Protocols

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Abstract: In recent years, while traditional statistical methods create challenges in recruiting patients with rare genetic subtypes of a disease, master protocol is gaining more interest due to its capability to provide innovative/flexible solutions to expedite cancer drugs development. In this talk, we will review several different types of master protocols, including 'basket', 'umbrella' and 'platform' trials. We will introduce the features of these designs, discuss the advantages and disadvantages and comments on their implementation. We will also present several examples, and discuss the challenges encountered in application.