# Trial Objectives and Design: An Overview of Hybrid Designs

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Type 1 example: PPACT		
ELSEVIER	Contents lists available at ScienceDirect Contemporary Clinical Trials journal homepage: www.elsevier.com/locate/conclintrial	entren over
Interdisciplinary team-based care for patients with chronic pain on long- term opioid treatment in primary care (PPACT) – Protocol for a pragmatic cluster randomized trial		Check for Check for
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# Type 2

- Clinical trial nested within
  - Implementation trial of competing strategies
  - Pilot (one-arm) study of single implementation strategy
- Indications
  - Clinical effectiveness data available, though perhaps not for your population or context of interest

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- Have data on barriers and facilitators to implementation
- "Implementation momentum" within healthcare system



### Type 2 example: STOP CRC

- Effectiveness aim: Determine effectiveness of mailed outreach for increasing colorectal cancer screening
- Implementation aim: Determine feasibility and potential utility of an implementation strategy (training, technical support, PDSA)

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# Туре 3

- Implementation trial!
  - Primary test is comparing implementation strategies
  - Clinical effectiveness is a secondary analysis
- Indications
  - We sometimes proceed with rollouts or implementation studies of interventions without strong effectiveness data
  - Interested in exploring how clinical effectiveness might vary by extent and/or quality of implementation?



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