

# RESEARCH

@ SINGHEALTH DUKE-NUS  
ACADEMIC MEDICAL CENTRE

## How to Improve Quality of Research?

Implementing a Corrective Action and Preventive Action (CAPA) plan for issues identified during the conduct of research will help to improve quality of research and prevent recurrence of issues.



### Corrective Action (CA)

Immediate action(s) taken to eliminate/address/correct a problem that has already occurred or has been identified.

### Preventive Action (PA)

Action(s) taken to eliminate the root cause of a potential problem, including the detection or identification of problems, as well as to prevent occurrence and recurrence of existing problems.



### EXAMPLE OF CAPA

Issue: Pre-filled dates on Informed Consent Form

### IMMEDIATE ACTIONS REQUIRED OF PRINCIPAL INVESTIGATOR (PI)

- Refer to SHS-RSH-ORIC-CWP-201 CAPA Plan for Research on Docupedia
- Perform Root Cause Analysis (RCA) e.g. site staff unaware that ICF should not be pre-filled
- Prepare and implement CAPA Plan



### Proposed Corrective Action



Remove all pre-filled information



PI, research participant and/or witness must sign & date personally

### Proposed Preventive Action



Put up reminders at common areas



Study Team Training to reinforce