## Statistical Analysis Plan (SAP) components

	Randomised	Prospective	Retrospective
	controlled trial	observational	observational
Study title that matches the protocol	Х	Х	Х
Trial registration number	Х		
SAP version number with dates	Х	Х	Х
Version of protocol referenced	Х	Х	Х
SAP revision history	Х	Х	Х
Reason for each SAP revision	Х	Х	Х
Timing of SAP revisions relative to interim analyses	Х	Х	
SAP contributors with roles and responsibilities	Х	Х	Х
Person writing the SAP	Х	Х	Х
Senior statistician	Х	Х	Х
Principle investigator	Х	Х	Х
Background and rationale of study	Х	Х	Х
Objectives and hypotheses	Х	Х	Х
Study type	Х	Х	Х
Randomisation details	Х		
Sample size calculation, if applicable	Х	Х	Х
Superiority, equivalence, or non-inferiority hypothesis testing framework	Х		
Interim analysis, timing of analysis, and person preforming interim analysis, if applicable	Х	Х	
Adjustment of the significance level due to interim analysis	Х	Х	
Guidelines for stopping study early	Х	Х	
Timing of final analysis	Х	Х	Х
Timing and time interval for assessing each outcome; visit windows	Х	Х	
Level of statistical significance (P values) and whether one- or two-sided	Х	Х	Х
Plan and rationale for adjustment for multiplicity, if applicable, including how type 1 errors will be controlled	Х	Х	Х

	Randomised	Prospective	Retrospective
	controlled trial	observational	observational
Confidence intervals to be reported and whether one- or two-sided	Х	Х	Х
Definition of intervention adherence and how it will be presented	Х		
Definition and summary of protocol deviations	Х	Х	
Definition of population being analysed	Х	Х	Х
Reporting of screening data to describe representation of study population, if applicable	Х	Х	Х
Inclusion and exclusion criteria	Х	Х	Х
Recruitment strategy	Х	Х	
Level and timing of withdrawal	Х	Х	
Presentation of withdrawal and follow-up data	Х	Х	
Baseline patient characteristics and how they will be descriptively summarised	Х	Х	Х
Definitions of outcomes and sequence of measurement	Х	Х	Х
Specific measurements and units	Х	Х	Х
Calculations or transformations used to derive outcome	Х	Х	Х
Analysis method used	Х	Х	Х
Presentation of treatment effects	Х		
Covariates and adjustments	Х	Х	Х
Methods to check for distributional assumptions	Х	Х	Х
Alternative methods if distributional assumptions are false	Х	Х	Х
Sensitivity analysis for each outcome, if applicable	Х	Х	Х
Subgroup definition and analysis, if applicable	Х	Х	Х
Method for handling missing data	Х	Х	Х
Additional statistical analysis, if applicable	Х	Х	Х
Details on summarising safety data	Х	Х	
Statistical packages used for analysis	Х	Х	Х
Reference to standard operating procedure or additional documents	Х	Х	Х