



# WG Name: Perioperative and Surgery Workgroup

WG Lead: Evan Minty

1. Prelim Objective: Determine if there should indeed, be a Perioperative and Surgery WG.



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1. Objective 1 : Complete the cohort definition for 'major non cardiac surgery' (MNCS) and disseminate the results in a publication.

2022 Key results:

1. Q1-2: Execute CohortDiagnostics run inclusive of v4 of MNCS, and inclusive of specified cohorts-as-features; iterate further if required.
2. Q2-3: Execute an Aphrodite run to develop an ML model for MNCS
3. Q2-3: Use PheValuator for validation.
4. Q3-4: Produce and publish a descriptive manuscript.



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1. Objective 2 : Complete 1 prediction study using MNCS as the target cohort, to predict outcomes of perioperative interest.

## 2022 Key results:

1. Develop outcome cohorts of interest
2. Configure a study using the PLP skeleton
3. Execute as a network study
4. Disseminate results as a publication