**MOSAICC**

**Site feasibility questionnaire (England, Wales, Northern Ireland)**

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| **Site details** |
| Hospital name:       |
| Trust/Health board name:       |
| Critical Care Unit name\*:       |
| Number of beds:       | Unit type (i.e. general/cardio/neuro, etc. and surgical/medical/mixed):       |

*\*Unit must be actively participating in the Case Mix Programme (submitting data no later than six weeks after each quarter)
\*If you would plan to recruit patients from more than the critical care unit in your hospital, then please indicate in the comments (a separate questionnaire should be completed for critical care units in other hospitals, even if part of the same Trust)*

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| **Site contacts (all will be copied into future correspondence regarding site feasibility)** |
| **Person completing questionnaire** |
| Name:       | Email:       |
| **Proposed Principal Investigator\*** |
| Name:       | Job title:       |
| Telephone:       | Email:       |
| **Proposed Associate/Sub-Principal Investigator\*** |
| Name:       | Job title:       |
| Telephone:       | Email:       |
| **Lead Research Nurse/Team contact for this study** |
| Name:       | Job title:       |
| Telephone:       | Email:       |
| **R&D contact** |
| Name:       | Job title:       |
| Telephone:       | Email:       |
| **Have all relevant local stakeholders been consulted on the decision to submit this questionnaire?** |
|       |

*\*can be an appropriately qualified doctor, nurse, or allied health professional.*

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| **Feasibility** |
| 1. Does collective equipoise for the research question exist amongst clinical staff at your unit?
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|       |
| 1. How much dedicated time for research does your unit have (i.e. WTE for research nurses)?
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|       |
| 1. How many studies are currently active at your unit?
 |
| RCTs:       Other studies (e.g. observational):       |
| 1. What percentage of your current studies is recruiting to target?
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| RCTs:       Other studies (e.g. observational):       |
| 1. Patients will be eligible who meet the following inclusion criteria:
2. Aged ≥ 18 years;
3. Metabolic acidosis (pH <7.30 and PaCO2 <6.5 kPa); and
4. AKI KDIGO stage 2 or 3

How many potentially eligible patients would you expect to see per month? |
|       [ ]  Audit [ ]  Estimate |
| 1. MOSAICC will use a deferred consent model (consent will be sought after randomisation). Considering this, will your unit’s medical/nursing team be able to screen and randomise patients when the research team are off duty?
 |
| [ ]  Yes [ ]  No |
| Give details:       |
| 1. Are you able to screen and randomise patients:
 |
| [ ]  Seven days a week [ ]  Office hours (i.e. Mon–Fri)[ ]  Other (please state):       |
| 1. Is Case Mix Programme (CMP) data collection routinely kept up to date for your unit?
 |
| [ ]  Yes [ ]  No |
| If No, give details:       |
| 1. Is IV sodium bicarbonate 8.4% w/v routinely stocked in your unit?
 |
| [ ]  Yes [ ]  NoIf No, give details:       |
| 1. Do you anticipate your unit having capacity to undertake the MOSAICC study?
 |
| [ ]  Yes [ ]  No |
| 1. Would you be interested in collecting blood samples to contribute to a potential sub-study? This will not influence selection of sites for the main trial.

[ ]  Yes [ ]  No |

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| **Comments/Anticipated challenges of running MOSAICC at your unit** |
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Once complete, please email to MOSAICC@icnarc.org