**Supplementary Table 2: Currently registered, active but not completed trials investigating diagnostic capabilities of known and potential new biomarkers of acute kidney injury in adults.**

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| --- | --- | --- | --- |
| **Biomarker** | **Study population** | **Sample size** | **NCT** |
| ***Known biomarkers of acute kidney injury*** |
| **TIMP-2 \* IGFPB7** | Surgery (major surgery) | 240 | NCT02114138 |
|  | Vascular surgery (aortic surgery) | 100 | NCT03469765 |
|  | Cardiac surgery (HAT, LVAD, TAH) | 300 | NCT02827448 |
|  | Cardiac surgery (TAVI) | 125 | NCT02976792 |
|  | Critical care (post circulatory arrest) | 200 | NCT03211962 |
|  | Critical care (septic shock) | 110 | NCT03547414 |
|  | Hospitalized (exposed to RCA) | 1100 | NCT03004950 |
| **NGAL, CysC** | Cardiac surgery (elective on-pump) | 100 | NCT02979275 |
| **KIM-1, NGAL, CysC, E-Selectin** | Cardiac surgery (unspecified) | 50 | NCT02914782 |
| **NGAL** | Liver cirrhosis patients | 300 | NCT02049125 |
| ***Investigating potential new biomarkers of acute kidney injury*** |
| **inflammatory & platelet function markers (unspecified)** | Cardiac surgery (elective CABG) | 100 | NCT02568410 |
| **genomic biomarkers (unspecified)** | Cardiac surgery (TAVI) | 3000 | NCT02791880 |
| **MIF** | Critical care (heterogeneous) | 500 | NCT02352506 |
| **immune function & microRNA (unspecified)** | Critical care (SIRS) | 120 | NCT02470507 |
| **proteins and microRNA (unspecified)** | Hospitalized | 640 | NCT00026702 |
| **senescence markers (unspecified)** | Hospitalized (exposed to RCA after CA) | 200 | NCT02263820 |

TIMP-2: tissue inhibiting metalloproteinase 2; IGFBP7: insulin-like growth factor binding protein 7; NGAL: neutrophil-gelatinase associated lipocatin; CysC: cystatin C; KIM-1: kidney injury molecule 1; MIF: macrophage migration inhibiting factor; RNA: ribonucleic acid; HAT: heart transplantation; LVAD: left ventricular assist device; TAH: total artificial heart; TAVI: transcatheter aortic valve implantation; RCA: radio contrast agent; CABG: coronary artery bypass graft; SIRS: systemic inflammatory response syndrome; CA: coronary angiography.