Supplementary Table 2 : Summary of Acute Kidney Injury(AKI) studies in various clinical conditions in children

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Study** | **Year** | **Author** | **No. of patients** | **Criteria used for defining of AKI** | **Incidence of severe AKI (%)** | **Hospital Mortality**  **%** |
| Epidemiology of Acute Kidney Injury in Critically Ill Children and Young Adults (AWARE trial) | 2017 | Kaddourah et al. | 4683 | KDIGO | 11.6 | 11 |
| Incidence and outcomes of neonatal acute kidney injury (AWAKEN): a multicentre, multinational, observational cohort study | 2017 | Jetton et al. | 2022 | n-KDIGO\* | 29.9 | 9.7 |
| Epidemiology of Acute Kidney Injury in Critically Ill Children and Young Adults | 2016 | Fitzgerald et al | 493 | KDIGO | 20 | 10.5 |
| Evolution of Acute Kidney Injury and Its Association With Systemic Hemodynamics in Children With Fluid-Refractory Septic Shock | 2018 | Deep et al. | 61 | KDIGO | 29.5. | 7.24 |
| Acute kidney injury in patients with Kawasaki disease | 2016 | Chuang et al | 332 | KDIGO | 28 | - |
| Kawasaki disease: an unexpected etiology of shock and multiple organ dysfunction syndrome | 2012 | Gatterre et al | 11 | pRIFLE\*\* | 54.5 | 0 |
| Incidence, risk factors, and outcomes of acute kidney injury after pediatric cardiac surgery – a prospective multicenter study | 2011 | Li et al. | 311 | AKIN \*\*\* | 42 | 4 |
| Profile, risk factors and outcome of acute kidney injury in paediatric acute-on-chronic liver failure | 2018 | Lal et al | 86 | KDIGO | 22.6 | 5.88 |
| Acute Kidney Injury in Pediatric Patients Receiving Allogeneic Hematopoietic Cell Transplantation : Incidence, Risk Factors, and Outcomes | 2018 | Koh et al | 1057 | AKIN | 36.6 | 26.1 |
| Acute kidney injury (AKI) associated with Pediatric Inflammatory Multi-system Syndrome - temporally correlated with SARS-CoV2 pandemic (PIMS-TS) - Experience from 15 Paediatric Intensive Care Units across United Kingdom | 2020 | Deep et al | 116 | KDIGO | 27.5 | 1.7 |

\* Kidney Disease Improving Global Outcomes (KDIGO) workgroup AKI definition modified for neonates

\*\* pediatric RIFLE (Risk, Injury, Failure, Loss, ESRD) Criteria

\*\*\* Acute Kidney Injury Network