

**Table SDC 3.** Aggregate of comorbidities from overall empiric group. Patients could have had between 1 and 3 comorbidities listed.

| Comorbidity Type                     | Survivors |      | Non-Survivors |      | Total |      |
|--------------------------------------|-----------|------|---------------|------|-------|------|
|                                      | N         | %    | N             | %    | N     | %    |
| Perinatal**                          | 39        | 15.7 | 10            | 32.3 | 49    | 17.5 |
| Malignancy (malignant neoplasms)     | 40        | 16.1 | 6             | 19.4 | 46    | 16.4 |
| Other diseases/conditions            | 38        | 15.3 | 2             | 6.5  | 40    | 14.3 |
| Gastrointestinal                     | 27        | 10.8 | 1             | 3.2  | 28    | 10.0 |
| Cardiovascular                       | 19        | 7.6  | 5             | 16.1 | 24    | 8.6  |
| Other congenital or genetic defect   | 16        | 6.4  | 4             | 12.9 | 20    | 7.1  |
| Hematologic or immunologic condition | 17        | 6.8  | 1             | 3.2  | 18    | 6.4  |
| Renal                                | 15        | 6.0  | 1             | 3.2  | 16    | 5.7  |
| Respiratory                          | 13        | 5.2  | 0             | 0    | 13    | 4.6  |
| Metabolic condition                  | 9         | 3.6  | 1             | 3.2  | 10    | 3.6  |
| Endocrine                            | 8         | 3.2  | 0             | 0    | 8     | 2.9  |
| Neuromuscular                        | 4         | 1.6  | 0             | 0    | 4     | 1.4  |
| Musculoskeletal/connective tissue    | 4         | 1.6  | 0             | 0    | 4     | 1.4  |
| Total                                | 249       | 100  | 31            | 100  | 280   | 100  |

\*\*If a neonate was premature and had perinatal indicated as their only comorbidity this was assumed to be prematurity and not counted as a comorbidity. All other neonates and children with a perinatal comorbidity were considered to have at least one comorbidity. This was done to avoid double counting prematurity for neonates (controlled for in age group) however it could underestimate comorbidities of the perinatal period such as asphyxia.