**Appendix**

Study participants were defined as being immunosuppressed if they had any of the following in their linked records in the year prior to admission:

1. Hospitalisation for a solid organ transplant
2. Hospitalisation with a primary diagnosis of any one of the conditions listed in the table below that may result in immunosuppressive therapies including high dose steroids
3. Pharmaceutical Benefits data including any treatment in the year prior to recruitment with pharmaceutical items with Anatomical Therapeutic Chemical Classification System codes L1 (anti-neoplastics); L3 (immunostimulants); L4 (immunosuppressants)
4. Human Immunodeficiency Virus infection based on confidentially linked registration

