**On line supplementary material**

**Supplementary Figure 1:** Numbers and subtypes of the first reported bacterial (**A**), viral (**B**) and fungal infections (**C**) within defined time periods after HSCT.

**A**

**B**

**C**

**Legend:**

ASP, Aspergillus; ADV, Adenovirus; B-mixed, Mixed bacterial infections; BKV, BK-Virus; CAND, Candida; CMV, Cytomegalovirus; EBV, Ebstein Barr Virus; F-Other, Other fungal infections; GN, Gram-negative Bacteria; GP, Gram-positive Bacteria; V-Others, Other viral infections.

**Supplementary Table 1.** Reported infections

|  |  |  |  |
| --- | --- | --- | --- |
| **Pathogen** | **Number (%)** | | |
| **Bacterial Infections** | **122 (26%)** |  |  |
| *Gram-positive bacteria* |  | *76 (62%)* |  |
| Enterococcus spp. (E. faecium, faecalis, gallinarum, VRE) |  |  | 12 (16%) |
| Clostridium spp. |  |  | 4 (5%) |
| Bacillus spp. |  |  | 1 (1%) |
| Corynebacterium |  |  | 1 (1%) |
| Staphylococcus spp. |  |  |  |
| Staph. epidermidis |  |  | 17 (22%) |
| Staph. haemolyticus |  |  | 8 (11%) |
| Other coagulase-negative Staphylococci (CoNS) |  |  | 7 (9%) |
| Staph. aureus incl. MRSA |  |  | 3 (4%) |
| Staphylococcus ssp. not specified |  |  | 6 (8%) |
| Streptococcus spp. |  |  |  |
| Strept. viridans group (S. mitis, S. parasanguis) |  |  | 5 (7%) |
| Strept. pneumoniae |  |  | 3 (4%) |
| Streptococcus others |  |  | 2 (3%) |
| Rothia spp. and Micrococcus spp. (R. mucilaginosa, M. luteus) |  |  | 3 (4%) |
| Other Gram-positive Infections |  |  | 4 (5%) |
| *Gram-negative bacteria* |  | *32 (26%)* |  |
| Escherichia spp. (E. coli, E. hermannii) |  |  | 8 (25%) |
| Pseudomonas spp. |  |  | 6 (19%) |
| Enterobacter spp. (E. cloacae, E. faecalis) |  |  | 3 (9%) |
| Klebsiella spp. (K. pneumoniae, K. oxytoca) |  |  | 2 (6%) |
| Haemophilus influenza |  |  | 2 (6%) |
| Other Gram-negative Infections |  |  | 11 (34%) |
| *Mixed Infections or Other Infections (including atypical bacteria)* |  | *14 (12%)* |  |
| **Viral Infections** | **274 (59%)** |  |  |
| EBV |  |  | 58 (21%) |
| BKV |  |  | 56 (20%) |
| CMV |  |  | 45 (17%) |
| AdV |  |  | 38 (14%) |
| Other viral infections (including 15 HSV, 23 VZV) |  |  | 77 (28%) |
| **Fungal Infections** | **29 (6%)** |  |  |
| Aspergillus spp. |  |  | 14 (48%) |
| Candida spp. |  |  | 11 (38%) |
| Other Fungal Infections |  |  | 4 (14%) |
|  |  |  |  |

**Legend:**

ADV, Adenovirus; BKV, BK-Virus; CMV, Cytomegalovirus; EBV, Ebstein Barr Virus; HSV, Herpes Simplex Virus; VZV, Varicella Zoster Virus.

In 38 reported severe infections (8%), a pathogen was not identified despite an overt clinical presentation suggesting an infection or the respective data was missing. The only reported severe parasitic infection is not included in the overview.