

## The European Hematology Association – Scientific Working Group Infections in Hematology

### Overview of Available Guidelines (since 2012) on Infections in Hematology

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*Last update by Jannik Stemler (04.2021)*

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Provides Guidance on	Published in	Organization	Reference
<b>Febrile Neutropenia</b>			
Management of sepsis in neutropenic patients	2019	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Kochanek, M., et al., <i>Management of sepsis in neutropenic cancer patients: 2018 guidelines from the Infectious Diseases Working Party (AGIHO) and Intensive Care Working Party (iCHOP) of the German Society of Hematology and Medical Oncology (DGHO)</i> . Ann Hematol, 2019. <b>98</b> (5): p. 1051-1069.
Diagnosis and empirical treatment of <b>fever of unknown origin (FUO)</b> in adult neutropenic patients	2017	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Heinz, W.J., et al., <i>Diagnosis and empirical treatment of fever of unknown origin (FUO) in adult neutropenic patients: guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)</i> . Ann Hematol, 2017. <b>96</b> (11): p. 1775-1792  <a href="https://www.ncbi.nlm.nih.gov/pubmed/28856437">https://www.ncbi.nlm.nih.gov/pubmed/28856437</a>
Management of <b>Fever and Neutropenia</b> in Children With Cancer and Hematopoietic Stem-Cell Transplantation Recipients	2017		Lehrnbecher, T., et al., <i>Guideline for the Management of Fever and Neutropenia in Children With Cancer and Hematopoietic Stem-Cell Transplantation Recipients: 2017 Update</i> . J Clin Oncol, 2017. <b>35</b> (18): p. 2082-2094.

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			<a href="https://www.ncbi.nlm.nih.gov/pubmed/28459614">https://www.ncbi.nlm.nih.gov/pubmed/28459614</a>
Diagnosis and antimicrobial therapy of <b>lung infiltrates</b> in febrile neutropenic patients (excluding allogeneic stem cell transplantation patients)	2015	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Maschmeyer, G., et al., <i>Diagnosis and antimicrobial therapy of lung infiltrates in febrile neutropenic patients (allogeneic SCT excluded): updated guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)</i> . Ann Oncol, 2015. <b>26</b> (1): p. 21-33  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24833776">https://www.ncbi.nlm.nih.gov/pubmed/24833776</a>
Diagnosis and management of <b>sepsis</b> in neutropenic patients	2014	German Society of Hematology and Medical Oncology (AGIHO), Infectious Diseases Working Party	Penack, O., et al., <i>Management of sepsis in neutropenic patients: 2014 updated guidelines from the Infectious Diseases Working Party of the German Society of Hematology and Medical Oncology (AGIHO)</i> . Ann Hematol, 2014. <b>93</b> (7): p. 1083-95  <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4050292/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4050292/</a>
<b>Initial empirical therapy</b> in febrile neutropenic patients	2014	European Conference on Infections in leukemia (ECIL)	Averbuch, D., et al., <i>European guidelines for empirical antibacterial therapy for febrile neutropenic patients in the era of growing resistance: summary of the 2011 4(th) European Conference on Infections in Leukemia</i> . Haematologica, 2013. <b>98</b> (12): p. 1826-1835  <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3856957/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3856957/</a>
<b>Fungal Infections</b>			
Diagnosis and management of rare mould infections	2021	European Confederation of Medical Mycology (ECMM),	Hoenigl, M., et al., <i>Global guideline for the diagnosis and management of rare mould infections: an initiative of the</i>

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		Mycoses Study Group Education and Research Consortium (MSG ERC)	<i>European Confederation of Medical Mycology in cooperation with the International Society for Human and Animal Mycology and the American Society for Microbiology.</i> Lancet Infect Dis, 2021.
Treatment of invasive fungal diseases	2020	Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)	Ruhnke, M., et al., <i>Treatment of invasive fungal diseases in cancer patients-Revised 2019 Recommendations of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Oncology (DGHO).</i> Mycoses, 2020. <b>63</b> (7): p. 653-682.
Diagnosis and management of <b>mucormycosis</b>	2019	European Confederation of Medical Mycology (ECMM), Mycoses Study Group Education and Research Consortium (MSG ERC)	Cornely et al. <i>Global guideline for the diagnosis and management of mucormycosis: an initiative of the European Confederation of Medical Mycology in cooperation with the Mycoses Study Group Education and Research Consortium.</i> Lancet ID, 2019 Dec;19(12):e405-e421  <a href="https://www.ncbi.nlm.nih.gov/pubmed/31699664">https://www.ncbi.nlm.nih.gov/pubmed/31699664</a>
Primary prophylaxis of <b>invasive fungal infections</b> in patients with haematological malignancies	2018	European Conference on Infections in Leukaemia (ECIL), European Group for Blood and Marrow Transplantation (EBMT), European Organization for Research and Treatment of Cancer (EORTC), Immunocompromised Host Society (ICHS), European LeukemiaNet (ELN)	Maertens et al. <i>European guidelines for primary antifungal prophylaxis in adult haematology patients: summary of the updated recommendations from the European Conference on Infections in Leukaemia.</i> J Antimicrob Chemother, 2018 Dec 1;73(12):3221-3230  <a href="https://www.ncbi.nlm.nih.gov/pubmed/30085172">https://www.ncbi.nlm.nih.gov/pubmed/30085172</a>

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Diagnosis of <b>invasive fungal infections</b> in patients with haematological malignancies	2018	Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)	Ruhnke M. et al. <i>Diagnosis of invasive fungal diseases in haematology and oncology: 2018 update of the recommendations of the infectious diseases working party of the German society for hematology and medical oncology (AGIHO)</i> . <i>Mycoses</i> . 2018 Nov;61(11):796-813  <a href="https://www.ncbi.nlm.nih.gov/pubmed/30098069">https://www.ncbi.nlm.nih.gov/pubmed/30098069</a>
Diagnosis and management of <b>Aspergillus</b> diseases: executive summary of the 2017 ESCMID-ECMM-ERS guideline	2018	European Society of Clinical Microbiology and Infectious Diseases (ESCMID), European Confederation of Medical Mycology (ECMM), European Respiratory Society (ERS)	Ullmann, AJ., et al., <i>Diagnosis and management of Aspergillus diseases: executive summary of the 2017 ESCMID-ECMM-ERS guideline. Clinical microbiology and infection : the official publication of the European Society of Clinical Microbiology and Infectious Diseases</i> . <i>Clin Microbiol Infect.</i> , 2018. <b>24</b> (Suppl 1:e1-e38)  <a href="https://www.ncbi.nlm.nih.gov/pubmed/29544767">https://www.ncbi.nlm.nih.gov/pubmed/29544767</a>
Primary prophylaxis of <b>invasive fungal infections</b> in patients with haematological malignancies	2018	Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)	Mellinghoff, S.C., et al., <i>Primary prophylaxis of invasive fungal infections in patients with haematological malignancies: 2017 update of the recommendations of the Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)</i> . <i>Ann Hematol</i> , 2018. <b>97</b> (2): p. 197-207  <a href="https://www.ncbi.nlm.nih.gov/pubmed/29218389">https://www.ncbi.nlm.nih.gov/pubmed/29218389</a>
Management of <b>Invasive Fungal Infection</b>	2017	Dutch Working Party on Antibiotic Policy (SWAB)	Kullberg, B.J., et al., <i>SWAB Guidelines for the Management of Invasive Fungal Infections</i>

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Treatment of <b>invasive candidiasis, aspergillosis and mucormycosis</b> in leukemia and hematopoietic stem cell transplant patients	2017	European Conference on Infections in leukemia (ECIL)	Tissot, F., et al., <i>ECIL-6 guidelines for the treatment of invasive candidiasis, aspergillosis and mucormycosis in leukemia and hematopoietic stem cell transplant patients</i> . Haematologica, 2017. <b>102</b> (3): p. 433-444  <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5394968/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5394968/</a>
Treatment of <b>Pneumocystis jirovecii pneumonia</b> in non-HIV-infected haematology patients	2016	European Conference on Infections in leukemia (ECIL)	Maschmeyer, G., et al., <i>Diagnosis and antimicrobial therapy of lung infiltrates in febrile neutropenic patients (allogeneic SCT excluded): updated guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)</i> . Ann Oncol, 2015. <b>26</b> (1): p. 21-33  <a href="https://www.ncbi.nlm.nih.gov/pubmed/27550993">https://www.ncbi.nlm.nih.gov/pubmed/27550993</a>
Diagnosis of <b>Pneumocystis jirovecii pneumonia</b> in patients with haematological malignancies and stem cell transplant recipients	2016	European Conference on Infections in leukemia (ECIL)	Alanio, A., et al., <i>ECIL guidelines for the diagnosis of Pneumocystis jirovecii pneumonia in patients with haematological malignancies and stem cell transplant recipients</i> . J Antimicrob Chemother, 2016. <b>71</b> (9): p. 2386-96  <a href="https://www.ncbi.nlm.nih.gov/pubmed/27550991">https://www.ncbi.nlm.nih.gov/pubmed/27550991</a>
Prevention <b>Pneumocystis jirovecii pneumonia</b> in patients with haematological malignancies and stem cell transplant recipients	2016	European Conference on Infections in leukemia (ECIL)	Maertens, J., et al., <i>ECIL guidelines for preventing Pneumocystis jirovecii pneumonia in patients with haematological malignancies and stem cell transplant recipients</i> . J Antimicrob Chemother, 2016. <b>71</b> (9): p. 2397-404  <a href="https://www.ncbi.nlm.nih.gov/pubmed/27550992">https://www.ncbi.nlm.nih.gov/pubmed/27550992</a>

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Diagnosis and management of <b>aspergillosis</b>	2016	Infectious Diseases Society of America (IDSA)	Patterson, T.F., et al., <i>Practice Guidelines for the Diagnosis and Management of Aspergillosis: 2016 Update by the Infectious Diseases Society of America</i> . Clin Infect Dis, 2016. <b>63</b> (4): p. e1-e60  <a href="https://www.ncbi.nlm.nih.gov/pubmed/27365388">https://www.ncbi.nlm.nih.gov/pubmed/27365388</a>
Prophylaxis of invasive fungal diseases in allogeneic stem cell transplantation	2014	Gruppo Italiano Trapianto Midollo Osseo (GITMO)	Girmeria, C., et al., <i>Primary prophylaxis of invasive fungal diseases in allogeneic stem cell transplantation: revised recommendations from a consensus process by Gruppo Italiano Trapianto Midollo Osseo (GITMO)</i> . Biol Blood Marrow Transpl, 2014. Aug;20(8):1080-8  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24582783">https://www.ncbi.nlm.nih.gov/pubmed/24582783</a>
Diagnosis, prevention, and treatment of <b>invasive fungal diseases</b> in <b>paediatric</b> patients with cancer or allogeneic haemopoietic stem-cell transplantation	2014	European Conference on Infections in leukemia (ECIL)	Groll, A.H., et al., <i>Fourth European Conference on Infections in Leukaemia (ECIL-4): guidelines for diagnosis, prevention, and treatment of invasive fungal diseases in paediatric patients with cancer or allogeneic haemopoietic stem-cell transplantation</i> . Lancet Oncol, 2014. <b>15</b> (8): p. e327-40  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24988936">https://www.ncbi.nlm.nih.gov/pubmed/24988936</a>
Diagnosis and management of <b>mucormycosis</b>	2014	European Society for Clinical Microbiology and Infectious Diseases (ESCMID)/European Confederation of Medical Mycology (ECMM)	Cornely, O.A., et al., <i>ESCMID and ECMM joint clinical guidelines for the diagnosis and management of mucormycosis 2013</i> . Clin Microbiol Infect, 2014. <b>20</b> Suppl 3: p. 5-26  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24479848">https://www.ncbi.nlm.nih.gov/pubmed/24479848</a>

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Diagnosis and management of <b>hyalohyphomycosis</b> : <i>Fusarium</i> spp., <i>Scedosporium</i> spp. and others	2014	European Society for Clinical Microbiology and Infectious Diseases (ESCMID)/European Confederation of Medical Mycology (ECMM)	Tortorano, A.M., et al., <i>ESCMID and ECMM joint guidelines on diagnosis and management of hyalohyphomycosis: Fusarium spp., Scedosporium spp. and others</i> . Clin Microbiol Infect, 2014. <b>20 Suppl 3</b> : p. 27-46  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24548001">https://www.ncbi.nlm.nih.gov/pubmed/24548001</a>
Diagnosis and management of <b>phaeohyphomycosis</b> (diseases caused by black fungi)	2014	European Society for Clinical Microbiology and Infectious Diseases (ESCMID)/European Confederation of Medical Mycology (ECMM)	Chowdhary, A., et al., <i>ESCMID and ECMM joint clinical guidelines for the diagnosis and management of systemic phaeohyphomycosis: diseases caused by black fungi</i> . Clin Microbiol Infect, 2014. <b>20 Suppl 3</b> : p. 47-75  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24483780">https://www.ncbi.nlm.nih.gov/pubmed/24483780</a>
Diagnosis and management of <b>rare invasive yeast</b> infections	2014	European Society for Clinical Microbiology and Infectious Diseases (ESCMID)/European Confederation of Medical Mycology (ECMM)	Arendrup, M.C., et al., <i>ESCMID and ECMM joint clinical guidelines for the diagnosis and management of rare invasive yeast infections</i> . Clin Microbiol Infect, 2014. <b>20 Suppl 3</b> : p. 76-98  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24102785">https://www.ncbi.nlm.nih.gov/pubmed/24102785</a>
Diagnosis, treatment and prevention of <b>Candida infections</b> in adults with haematological malignancies and after haematopoietic stem cell transplantation (HCT)	2012	European Society for Clinical Microbiology and Infectious Diseases (ESCMID)	Ullmann, A.J., et al., <i>ESCMID* guideline for the diagnosis and management of Candida diseases 2012: adults with haematological malignancies and after haematopoietic stem cell transplantation (HCT)</i> . Clin Microbiol Infect, 2012. <b>18 Suppl 7</b> : p. 53-67  <a href="https://www.ncbi.nlm.nih.gov/pubmed/23137137">https://www.ncbi.nlm.nih.gov/pubmed/23137137</a>
<b>Viral Infections</b>			

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<i>Update on evidence-based management of COVID-19 regarding diagnostics, viral shedding, vaccination and therapy</i>	2021	Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)	Giesen, N., et al., <i>2021 update of the AGIHO guideline on evidence-based management of COVID-19 in patients with cancer regarding diagnostics, viral shedding, vaccination and therapy</i> . Eur J Cancer, 2021. <b>147</b> : p. 154-160.
<i>Evidence-based management of COVID-19</i>	2020	Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)	Giesen, N., et al., <i>Evidence-based management of COVID-19 in cancer patients: Guideline by the Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO)</i> . Eur J Cancer, 2020. <b>140</b> : p. 86-104.
Prevention, diagnosis and treatment of <b>BK polyomavirus</b> -associated haemorrhagic cystitis in haematopoietic stem cell transplant recipients	2018	European Conference on Infections in leukemia (ECIL)	Cesaro, S., et al., <i>ECIL guidelines for the prevention, diagnosis and treatment of BK polyomavirus-associated haemorrhagic cystitis in haematopoietic stem cell transplant recipients</i> . J Antimicrob Chemother, 2018. <b>73</b> (1): p. 12-21  <a href="https://www.ncbi.nlm.nih.gov/pubmed/29190347">https://www.ncbi.nlm.nih.gov/pubmed/29190347</a>
Diagnosis and management of <b>common respiratory viral infections</b> in patients undergoing treatment for haematological malignancies or stem cell transplantation	2016	British Committee for Standards in Haematology (BCSH), Haemato-oncology subgroup; British Society for Blood and Marrow Transplantation (BSBMT) and the UK Clinical Virology Network	Dignan, F.L., et al., <i>BCSH/BSBMT/UK clinical virology network guideline: diagnosis and management of common respiratory viral infections in patients undergoing treatment for haematological malignancies or stem cell transplantation</i> . Br J Haematol, 2016. <b>173</b> (3): p. 380-93  <a href="https://www.ncbi.nlm.nih.gov/pubmed/27060988">https://www.ncbi.nlm.nih.gov/pubmed/27060988</a>
Community acquired respiratory <b>virus infections</b> in cancer patients	2016	Infectious Diseases Working Party (AGIHO) of the German Society for	von Lilienfeld-Toal, M., et al., <i>Community acquired respiratory virus infections in cancer patients-Guideline on diagnosis and management by the Infectious Diseases Working Party of the</i>



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		Haematology and Medical Oncology (DGHO)	<p><i>German Society for haematology and Medical Oncology. Eur J Cancer, 2016. 67: p. 200-212.</i></p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/27681877">https://www.ncbi.nlm.nih.gov/pubmed/27681877</a></p>
Management of <b>viral hepatitis</b> in patients with haematological malignancy and in patients undergoing haemopoietic stem cell transplantation	2016	European Conference on Infections in leukemia (ECIL)	<p>Mallet, V., et al., <i>Management of viral hepatitis in patients with haematological malignancy and in patients undergoing haemopoietic stem cell transplantation: recommendations of the 5th European Conference on Infections in Leukaemia (ECIL-5). Lancet Infect Dis, 2016. 16(5): p. 606-617</i></p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/27599653">https://www.ncbi.nlm.nih.gov/pubmed/27599653</a></p>
Diagnosis, treatment and prevention of <b>EBV infections</b> in patients after allogeneic hematopoietic stem cell transplantation	2016	European Conference on Infections in leukemia (ECIL)	<p>Styczynski, J., et al., <i>Management of Epstein-Barr Virus infections and post-transplant lymphoproliferative disorders in patients after allogeneic hematopoietic stem cell transplantation: Sixth European Conference on Infections in Leukemia (ECIL-6) guidelines. Haematologica, 2016. 101(7): p. 803-811</i></p> <p><a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5004459/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5004459/</a></p>
Diagnosis, treatment and prevention of <b>community acquired respiratory infections</b> other than influenza and adenovirus in patients with leukemia and those undergoing hematopoietic stem cell transplantation	2013	European Conference on Infections in leukemia (ECIL)	<p>Hirsch, H.H., et al., <i>Fourth European Conference on Infections in Leukaemia (ECIL-4): guidelines for diagnosis and treatment of human respiratory syncytial virus, parainfluenza virus, metapneumovirus, rhinovirus, and coronavirus. Clin Infect Dis, 2013. 56(2): p. 258-66</i></p> <p><a href="https://www.ncbi.nlm.nih.gov/pubmed/23024295">https://www.ncbi.nlm.nih.gov/pubmed/23024295</a></p>

Provides Guidance on	Published in	Organization	Reference
Management of <b>cytomegalovirus infection</b> in hematopoietic stem cell transplantation	2013	British Committee for Standards in Haematology (BCSH), British Society for Blood and Marrow Transplantation (BSBMT) and the UK Clinical Virology Network	Emery, V., et al., <i>Management of cytomegalovirus infection in haemopoietic stem cell transplantation</i> . Br J Haematol, 2013. <b>162</b> (1): p. 25-39  <a href="https://www.ncbi.nlm.nih.gov/pubmed/23647436">https://www.ncbi.nlm.nih.gov/pubmed/23647436</a>
<b>Bacterial Infections</b>			
<i>Primary prophylaxis of bacterial infections and Pneumocystis jirovecii pneumonia</i>	2021	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Classen, A.Y., et al., <i>Primary prophylaxis of bacterial infections and Pneumocystis jirovecii pneumonia in patients with hematologic malignancies and solid tumors: 2020 updated guidelines of the Infectious Diseases Working Party of the German Society of Hematology and Medical Oncology (AGIHO/DGHO)</i> . Ann Hematol, 2021.
Treatment of <b>Clostridium difficile</b> infection	2014	European Society for Clinical Microbiology and Infectious Diseases (ESCMID)	Debast, S.B., M.P. Bauer, and E.J. Kuijper, <i>European Society of Clinical Microbiology and Infectious Diseases: update of the treatment guidance document for Clostridium difficile infection</i> . Clin Microbiol Infect, 2014. <b>20 Suppl 2</b> : p. 1-26  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24118601">https://www.ncbi.nlm.nih.gov/pubmed/24118601</a>
Targeted therapy against <b>multi-resistant bacteria</b> in leukemic and hematopoietic stem cell transplant recipients	2013	European Conference on Infections in leukemia (ECIL)	Averbuch, D., et al., <i>Targeted therapy against multi-resistant bacteria in leukemic and hematopoietic stem cell transplant recipients: guidelines of the 4(th) European Conference on Infections in Leukemia (ECIL-4, 2011)</i> . Haematologica, 2013. <b>98</b> (12): p. 1836-1847  <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3856958/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3856958/</a>
<b>Other</b>			

<b>Provides Guidance on</b>	<b>Published in</b>	<b>Organization</b>	<b>Reference</b>
Prophylaxis, diagnosis and therapy of infections in patients undergoing high-dose chemotherapy and autologous haematopoietic stem cell transplantation	2021	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Christopeit, M., et al., <i>Prophylaxis, diagnosis and therapy of infections in patients undergoing high-dose chemotherapy and autologous haematopoietic stem cell transplantation. 2020 update of the recommendations of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)</i> . Ann Hematol, 2021. <b>100</b> (2): p. 321-336.
Vaccination of non- HSCT patients with haematological malignancies	2019	European Conference on Infections in leukemia (ECIL)	Mikulska et al. <i>Vaccination of patients with haematological malignancies who did not have transplantations: guidelines from the 2017 European Conference on Infections in Leukaemia (ECIL 7)</i> . Lancet Infect Dis. 2019 Feb 8.  <a href="https://www.ncbi.nlm.nih.gov/pubmed/30744964">https://www.ncbi.nlm.nih.gov/pubmed/30744964</a>
Vaccination of patients with haematological malignancies after HSCT	2019	European Conference on Infections in leukemia (ECIL)	Cordonier et al. <i>Vaccination of haemopoietic stem cell transplant recipients: guidelines of the 2017 European Conference on Infections in Leukaemia (ECIL 7)</i> . Lancet Infect Dis. 2019  <a href="https://www.ncbi.nlm.nih.gov/pubmed/30744963">https://www.ncbi.nlm.nih.gov/pubmed/30744963</a>
Infections associated with new drugs used in patients with hematological malignancy	2019	European Conference on Infections in leukemia (ECIL)	Maschmeyer et al. <i>Infections associated with immunotherapeutic and molecular targeted agents in hematology and oncology. A position paper by the European Conference on Infections in Leukemia (ECIL)</i> . Leukemia. 2019  <a href="https://www.ncbi.nlm.nih.gov/pubmed/30700842">https://www.ncbi.nlm.nih.gov/pubmed/30700842</a>

<b>Provides Guidance on</b>	<b>Published in</b>	<b>Organization</b>	<b>Reference</b>
Anti-infective Vaccination Strategies in Patients with Hematologic Malignancies or Solid Tumors - Guideline of the Infectious Diseases Working Party (AGIHO) of the German Society for Hematology and Medical Oncology (DGHO)	2018	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Rieger, CT., et al. <i>Anti-infective Vaccination Strategies in Patients with Hematologic Malignancies or Solid Tumors - Guideline of the Infectious Diseases Working Party (AGIHO) of the German Society for Hematology and Medical Oncology (DGHO)</i> . Ann Oncol, 2018.  <a href="https://www.ncbi.nlm.nih.gov/pubmed/29688266">https://www.ncbi.nlm.nih.gov/pubmed/29688266</a>
Diagnosis and management of <b>gastrointestinal complications (including infection)</b> in patients with cancer	2017	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Schmidt-Hieber, M., et al., <i>Diagnosis and management of gastrointestinal complications in adult cancer patients: 2017 updated evidence-based guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)</i> . Ann Hematol, 2018. <b>97</b> (1): p. 31-49  <a href="https://www.ncbi.nlm.nih.gov/pubmed/29177551">https://www.ncbi.nlm.nih.gov/pubmed/29177551</a>
Infectious diseases in <b>allogeneic haematopoietic stem cell transplantation</b>	2016	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)  DAG-KBT (German Working Group for Blood and Marrow Transplantation)	Ullmann, A.J., et al., <i>Infectious diseases in allogeneic haematopoietic stem cell transplantation: prevention and prophylaxis strategy guidelines 2016</i> . Ann Hematol, 2016. <b>95</b> (9): p. 1435-55.  <a href="https://www.ncbi.nlm.nih.gov/pubmed/27339055">https://www.ncbi.nlm.nih.gov/pubmed/27339055</a>

<b>Provides Guidance on</b>	<b>Published in</b>	<b>Organization</b>	<b>Reference</b>
CNS infections in patients with <b>hematological disorders</b>	2016	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Schmidt-Hieber, M., et al., <i>CNS infections in patients with hematological disorders (including allogeneic stem-cell transplantation)-Guidelines of the Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)</i> . Ann Oncol, 2016. <b>27</b> (7): p. 1207-25.  <a href="https://www.ncbi.nlm.nih.gov/pubmed/27052648">https://www.ncbi.nlm.nih.gov/pubmed/27052648</a>
<b>Central venous catheter-related infections</b> in hematology and oncology	2014	Infectious Diseases Working Party (AGIHO) of the German Society of Hematology and Medical Oncology (DGHO)	Hentrich, M., et al., <i>Central venous catheter-related infections in hematology and oncology: 2012 updated guidelines on diagnosis, management and prevention by the Infectious Diseases Working Party of the German Society of Hematology and Medical Oncology</i> . Ann Oncol, 2014. <b>25</b> (5): p. 936-47  <a href="https://www.ncbi.nlm.nih.gov/pubmed/24399078">https://www.ncbi.nlm.nih.gov/pubmed/24399078</a>
<b>Central venous access</b> in oncology including <b>catheter-related infections</b>	2015	European Society of Clinical Oncology (ESMO)	Sousa, B., et al., <i>Central venous access in oncology: ESMO Clinical Practice Guidelines</i> . Ann Oncol, 2015. <b>26 Suppl 5</b> : p. v152-68  <a href="https://www.ncbi.nlm.nih.gov/pubmed/26314776">https://www.ncbi.nlm.nih.gov/pubmed/26314776</a>