

Electronic supplementary information 1 – Search Queries for Literature Review

Article title: Clinical guidance on the monitoring and management of trastuzumab deruxtecan (T-DXd)-related adverse events: Insights from an Asia-Pacific multidisciplinary panel

Journal name: Drug Safety

Author names and affiliations: Joanne Wing Yan Chiu¹, Soo Chin Lee², James Chung-man Ho¹, Yeon Hee Park³, Ta-Chung Chao⁴, Sung-Bae Kim⁵, Elgene Lim⁶, Ching-Hung Lin⁷, Sherene Loi^{8,9}, Su Ying Low¹⁰, Lynette Li San Teo¹¹, Winnie Yeo¹², Rebecca Dent¹³

1-The University of Hong Kong, Hong Kong Special Administrative Region; 2-National University Cancer Institute Singapore, National University Health System, Singapore; 3-Samsung Medical Center, Sungkyunkwan University School of Medicine, South Korea; 4-Division of Medical Oncology, Department of Oncology, Taipei Veterans General Hospital; Faculty of Medicine, School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan; 5-Asan Medical Center, University of Ulsan College of Medicine, South Korea; 6-Garvan Institute of Medical Research and St Vincent's Clinical School, Faculty of Medicine and Health, University of New South Wales, New South Wales, Australia; 7-National Taiwan University Hospital, Cancer Center Branch, Taiwan; 8-Division of Cancer Research, Peter MacCallum Cancer Centre, Melbourne, Australia; 9-Sir Peter MacCallum Department of Medical Oncology, The University of Melbourne, Melbourne, Australia; 10-Department of Respiratory and Critical Care Medicine, Singapore General Hospital; 11-National University Hospital, Singapore; 12-The Chinese University of Hong Kong, Hong Kong Special Administrative Region; 13-National Cancer Centre Singapore, Singapore.

Corresponding author emails: jwychiu@hku.hk; rebecca.dent@duke-nus.edu.sg

ESM1 File – Search queries for literature review

Relevant literature on trastuzumab deruxtecan (T-DXd), and reviews and guidelines on the monitoring and management of T-DXd-related adverse events were identified on PubMed (May 2022). The search terms below were used for the literature review. Guidelines from National Comprehensive Cancer Network were also reviewed.

Trastuzumab deruxtecan

Search term: (trastuzumab deruxtecan) OR (DS-8201) OR (T-DXd)

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific and articles other than English.

Interstitial lung disease (ILD) / pneumonitis

Search term: (interstitial lung disease) AND (guidelines) AND ("2012"[Date - Publication] : "3000"[Date - Publication]) AND ("review"[Publication Type] OR "guideline"[Publication Type])

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific; Familial pulmonary fibrosis; Hypersensitivity pneumonitis; Rheumatoid arthritis induced ILD; Myositis; Sarcoidosis; Sjogren Syndrome; Polyangiitis; and articles other than English.

Nausea and vomiting

Search term: ((nausea) OR (vomiting)) AND (guidelines) AND ((cancer) OR (oncology) OR (chemotherapy) OR (cancer-related)) AND (management) AND ("2012"[Date - Publication] : "3000"[Date - Publication]) AND ("review"[Publication Type] OR "guideline"[Publication Type])

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific; surgery or postoperative associated nausea and vomiting; and articles other than English.

Neutropenia

Search term: (neutropenia) AND (guidelines) AND (cancer OR oncology OR chemotherapy OR cancer-related) AND (management) AND ("2012"[Date - Publication] : "3000"[Date - Publication]) AND ("review"[Publication Type] OR "guideline"[Publication Type])

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific and articles other than English.

Anemia

Search term: (anemia) AND (guidelines) AND ((cancer) OR (oncology) OR (chemotherapy) OR (cancer-related)) AND (management) AND ("2012"[Date - Publication] : "3000"[Date - Publication]) AND ("review"[Publication Type] OR "guideline"[Publication Type])

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific and articles other than English.

Thrombocytopenia

Search term: (thrombocytopenia) AND (guidelines) AND ((cancer) OR (oncology) OR (chemotherapy) OR (cancer-related)) AND (management) AND ("2012"[Date - Publication] : "3000"[Date - Publication]) AND ("review"[Publication Type] OR "guideline"[Publication Type])

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific; immune thrombocytopenia; vaccine-induced thrombocytopenia; venous thromboembolism; liver disease associated thrombocytopenia; and articles other than English.

Fatigue

Search term: (fatigue) AND (guidelines) AND ((cancer) OR (oncology) OR (chemotherapy) OR (cancer-related)) AND (management) AND ("2012"[Date - Publication] : "3000"[Date - Publication]) AND ("review"[Publication Type] OR "guideline"[Publication Type])

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific; coronavirus disease 2019; and articles other than English.

Alopecia

Search term: (alopecia) AND (guidelines) AND ((cancer) OR (oncology) OR (chemotherapy) OR (cancer-related)) AND (management) AND ("2012"[Date - Publication] : "3000"[Date - Publication]) AND ("review"[Publication Type] OR "guideline"[Publication Type])

Articles were screened for their relevancy and the following were excluded from the review: Pediatric specific; alopecia areata; and articles other than English.