

Haematologica  
HAEMATOL/2019/217448  
Version 3

Daratumumab-based regimens are highly effective and well tolerated in relapsed or refractory multiple myeloma regardless of patient age: subgroup analysis of the phase 3 CASTOR and POLLUX studies

Maria-Victoria Mateos, Andrew Spencer, Ajay K. Nooka, Ludek Pour, Katja Weisel, Michele Cavo, Jacob P. Laubach, Gordon Cook, Shinsuke Iida, Lotfi Benboubker, Saad Z. Usmani, Sung-Soo Yoon, Nizar J. Bahlis, Christopher Chiu, Jon Ukropec, Jordan M. Schechter, Xiang Qin, Lisa O' Rourke, and Meletios A. Dimopoulos

Disclosures: M-VM received honoraria from and consulted for Janssen, Celgene, Takeda, and Amgen. AS received research funding and personal fees from Janssen Cilag. AKN consulted for Amgen, Novartis, and Spectrum. LP declares no conflicts of interest. KW received honoraria from and consulted for Amgen, Bristol-Myers Squibb, Celgene, Janssen, Novartis, Takeda, and Onyx; received research funding from Janssen, Celgene, Amgen, and Sanofi; and received travel expenses from Amgen, Bristol-Myers Squibb, Celgene, Janssen, Novartis, and Takeda. MC received honoraria from Bristol-Myers Squibb, Celgene, Amgen, Janssen, and Takeda. JL received research funding from Novartis, Takeda, Celgene, and Onyx and served as a consultant for Novartis, Takeda, and Celgene. GC received honoraria from and consulted for Janssen, Celgene, Takeda, and Bristol-Myers Squibb; served on a speakers bureau for Janssen, Celgene, and Takeda; received research funding from Takeda and Celgene; and received travel expenses from Janssen and Takeda. SI received honoraria from Janssen, Celgene, Ono Pharmaceutical, Novartis, and Bristol-Myers Squibb and consulted for Janssen, Celgene, Ono Pharmaceutical, Takeda, Bristol-Myers Squibb, Sanofi, Chugai Pharma, Kyowa Hakko Kirin, Novartis, Astellas Pharma, and Toyama Chemical Co. LB received honoraria from and consulted for Celgene, Takeda, Janssen, and Amgen. SZU consulted for Celgene, Amgen, and Janssen Oncology; served on a speakers bureau for Celgene, Takeda, and Amgen; and received research funding from Celgene, Millennium, Onyx, Array BioPharma, Janssen Oncology, Pharmacyclics, and Sanofi. S-SY received honoraria from Celgene, Takeda, and Janssen Corp and consulted for Celgene, Takeda and Janssen Corp. NJB received honoraria and travel expenses from Celgene, Takeda, Janssen, and Amgen; served on advisory boards for Celgene, Takeda, Janssen, and Amgen; served on speakers bureaus for Celgene, Janssen, and Amgen; and received research funding from and provided expert testimony to Celgene and Janssen. CC, JU, JMS, XQ, and LO are employees of Janssen. JMS holds equity in Johnson & Johnson. MAD consulted for Amgen, Janssen-Cilag, and Takeda; received travel expenses from Janssen-Ortho and Genesis Pharmaceuticals; received honoraria from Amgen, Novartis, Celgene, Takeda, Genesis Pharmaceuticals, Janssen-Cilag, and Bristol-Myers Squibb; and received research funding from Janssen-Cilag and Amgen.

Contributions: Janssen Research & Development, LLC designed the studies. M-VM, AS, AKN, LP, KW, MC, JPL, GC, SI, LB, SZU, S-SY, NJB, and MAD enrolled patients. CC, JU, JMS, XQ, and LO'R collected and analyzed the data on behalf of the funder. All authors interpreted the data. M-VM and MAD wrote the preliminary draft of the manuscript. All authors wrote and reviewed subsequent drafts of the manuscript and approved the final version.