**Supplemental Table S3A.** Melanoma Retrospective Studies Included in Systematic Review

| **Author, year** | **Title** | **Males/Females** |
| --- | --- | --- |
| Zhong et al., 2023 (1) | Comparative analysis of adjuvant therapy for stage III BRAF-mut melanoma: A real-world retrospective study from single center in China | 40/53 |
| Piñero-Madrona et al., 2023 (2) | Lower limb cutaneous melanoma surgery: location matters | 160/61 |
| Van Not et al., 2023 (3) | Response to checkpoint inhibition and targeted therapy in melanoma patients with concurrent haematological malignancies | 2796/1842 |
| Schumann et al., 2023 (4) | Real-world outcomes using PD-1 antibodies and BRAF + MEK inhibitors for adjuvant melanoma treatment from 39 skin cancer centers in Germany, Austria and Switzerland | 653/462 |
| Bhave et al., 2023 (5) | Efficacy and toxicity of adjuvant radiotherapy in recurrent melanoma after adjuvant immunotherapy | 42/29 |
| Koch et al., 2023 (6) | Liver-directed treatment is associated with improved survival and increased response to immune checkpoint blockade in metastatic uveal melanoma: results from a retrospective multicenter trial | 91/91 |
| Zhong et al., 2023 (7) | Survival impact of immediate complete lymph node dissection for Chinese acral and cutaneous melanoma with micrometastasis in sentinel nodes: a retrospective study | 67/63 |
| Medri et al., 2023 (8) | A retrospective observational study on cutaneous adverse events induced by immune checkpoint inhibitors | 189/116 |
| Bai et al., 2023 (9) | Dabrafenib plus trametinib versus anti-PD-1 monotherapy as adjuvant therapy in *BRAF* V600-mutant stage III melanoma after definitive surgery: a multicenter, retrospective cohort study | 326/272 |
| Bravo et al., 2023 (10) | HEV-associated dendritic cells are observed in metastatic tumor-draining lymph nodes of cutaneous melanoma patients with longer distant metastasis-free survival after adjuvant immunotherapy | 17/12 |
| Cui et al., 2023 (11) | Safety and efficacy of Pucotenlimab (HX008) - a humanized immunoglobulin G4 monoclonal antibody in patients with locally advanced or metastatic melanoma: a single-arm, multicenter, phase II study | 51/68 |
| Hedderson et al., 2023 (12) | Rates of malignancies among patients with moderate to severe atopic dermatitis: a retrospective cohort study | 2507/4542 |
| Ayati et al., 2023 (13) | Predictive value and accuracy of [18F]FDG PET/CT modified response criteria for checkpoint immunotherapy in patients with advanced melanoma | 55/36 |
| Quildrian et al., 2023 (14) | Current management of patients with cutaneous melanoma with a positive sentinel lymph node | 18/13 |
| Zhang et al., 2023 (15) | Melanin-targeted [18F]-PFPN PET imaging for prognosticating patients with melanoma | 47/29 |
| Kähler et al., 2023 (16) | Preferences of German and Swiss melanoma patients for toxicities versus melanoma recurrence during adjuvant treatment (GERMELATOX-A-trial) | 74/86 |
| Broman et al., 2023 (17) | International Center-Level Variation in Utilization of Completion Lymph Node Dissection and Adjuvant Systemic Therapy for Sentinel Lymph Node-Positive Melanoma at Major Referral Centers | 672/437 |
| Brown et al., 2023 (18) | Five-year survival and clinical correlates among patients with advanced non-small cell lung cancer, melanoma and renal cell carcinoma treated with immune check-point inhibitors in Australian tertiary oncology centres | 137/65 |
| Afrăsânie et al., 2023 (19) | Real Check RIO: A Real-World Analysis of Nivolumab in First Line Metastatic Melanoma Assessing Efficacy, Safety and Predictive Factors | 32/19 |
| Augustin et al., 2023 (20) | Metformin is associated with improved clinical outcomes in patients with melanoma: a retrospective, multi-institutional study | 455/212 |
| Nardin et al., 2023 (21) | Efficacy of Immune Checkpoint Inhibitor (ICI) Rechallenge in Advanced Melanoma Patients' Responders to a First Course of ICI: A Multicenter National Retrospective Study of the French Group of Skin Cancers (Groupe de Cancérologie Cutanée, GCC) | 47/38 |
| Kalantari et al., 2023 (22) | Prognostic Value of Baseline 18F-FDG PET/CT to Predict Brain Metastasis Development in Melanoma Patients | 87/72 |
| Tomsitz et al., 2023 (23) | Tebentafusp in Patients with Metastatic Uveal Melanoma: A Real-Life Retrospective Multicenter Study | 39/39 |
| Dimitriou et al., 2022 (24) | Single-agent anti-PD-1 or combined with ipilimumab in patients with mucosal melanoma: an international, retrospective, cohort study | 187/358 |
| Bhave et al., 2022 (25) | Efficacy of anti-PD-1 and ipilimumab alone or in combination in acral melanoma | 171/154 |
| Serra-Bellver et al., 2022 (26) | Real-world outcomes with ipilimumab and nivolumab in advanced melanoma: a multicentre retrospective study | 401/296 |
| Jones et al., 2022 (27) | Retrospective review of outcomes associated with metastatic melanoma patients treated with 1st-line BRAF-targeted therapy | 12/13 |
| Salzmann et al., 2022 (28) | MEK inhibitors for pre-treated, NRAS-mutated metastatic melanoma: A multi-centre, retrospective study | 19/14 |
| Salaün et al., 2022 (29) | Nivolumab plus ipilimumab in metastatic uveal melanoma: a real-life, retrospective cohort of 47 patients | 24/23 |
| Kuzmanovszki et al., 2022 (30) | Anti-PD-1 Monotherapy in Advanced Melanoma-Real-World Data from a 77-Month-Long Retrospective Observational Study | 68/51 |
| Pandya et al., 2022 (31) | Can we reduce excision margins for head and neck melanoma? A 12-year retrospective study | 194/111 |
| Erglu et al., 2022 (32) | Outcomes with adjuvant anti-PD-1 therapy in patients with sentinel lymph node-positive melanoma without completion lymph node dissection | 245/141 |
| Williams et al., 2022 (33) | Melanoma sentinel lymph node biopsy and completion lymph node dissection: A regional hospital experience | 85/72 |
| Broman et al., 2022  (34) | Evidence and implementation gaps in management of sentinel node-positive melanoma in the United States | 6079/4161 |
| Montgomery et al., 2022 (35) | Real-World Adherence to Nodal Surveillance for Sentinel Lymph Node-Positive Melanoma | 61/48 |
| Hyeok Kim et al., 2022 (36) | Two-team-approached free flap reconstruction for plantar malignant melanoma: An observational (STROBE-compliant) trial | 16/5 |
| Googe et al., 2022 (37) | Theragnostic significance of tumor-infiltrating lymphocytes and Ki67 in BRAFV600-mutant metastatic melanoma (BRIM-3 trial) | 200/153 |
| Homan et al., 2022 (38) | Treatment related toxicities with combination BRAF and MEK inhibitor therapy in resected stage III melanoma | 11/9 |
| Tropea et al., 2022 (39) | The role of sentinel node tumor burden in modeling the prognosis of melanoma patients with positive sentinel node biopsy: an Italian melanoma intergroup study (N = 2,086) | 1203/883 |
| Tolstrup et al., 2022 (40) | Impact of patient-reported outcomes on symptom monitoring during treatment with checkpoint inhibitors: health-related quality of life among melanoma patients in a randomized controlled trial | 78/68 |
| Placzke et al., 2022 (41) | The Analysis of Trends in Survival for Patients with Melanoma Brain Metastases with Introduction of Novel Therapeutic Options before the Era of Combined Immunotherapy-Multicenter Italian-Polish Report | 516/373 |
| Lalonde et al., 2022 (42) | Improved Uveal Melanoma Copy Number Subtypes Including an Ultra-High-Risk Group | 440/481 |
| Darabi et al,. 2022 (43) | Transcriptional Profiling of Malignant Melanoma Reveals Novel and Potentially Targetable Gene Fusions | 777/478 |
| Lechner et al., 2022 (44) | International Multicenter Study of Clinical Outcomes of Sinonasal Melanoma Shows Survival Benefit for Patients Treated with Immune Checkpoint Inhibitors and Potential Improvements to the Current TNM Staging System | 233/271 |
| Qian et al., 2021 (45) | Effect of immunotherapy time-of-day infusion on overall survival among patients with advanced melanoma in the USA (MEMOIR): a propensity score-matched analysis of a single-centre, longitudinal study | 197/102 |
| Formozo et al., 2021 (46) | Retrospective Analysis of Rechallenge with Ipilimumab in Patients with Metastatic Melanoma | 10/12 |
| Rose et al., 2021 (47) | Biologic subtypes of melanoma predict survival benefit of combination anti-PD1+anti-CTLA4 immune checkpoint inhibitors versus anti-PD1 monotherapy | 145/104 |
| Versluis et al., 2021 (48) | Neoadjuvant ipilimumab plus nivolumab in synchronous clinical stage III melanoma | 6/1 |
| Aglietta et al., 2021 (49) | Retrospective Chart Review of Dabrafenib Plus Trametinib in Patients with Metastatic BRAF V600-Mutant Melanoma Treated in the Individual Patient Program (DESCRIBE Italy) | 269/230 |
| Phillips et al., 2021 (50) | A Contemporary Report of Clinical Outcomes in Patients with Melanoma Brain Metastases | 185/91 |
| Yu et al., 2021 (51) | Survival of advanced melanoma patients treated with immunotherapy and targeted therapy: A real-world study | 337/166 |
| Crosby et al., 2021 (52) | Associations of Physical Activity and Exercise with Health-related Outcomes in Patients with Melanoma During and After Treatment: A Systematic Review | 3/11 |
| Mejbel et al., 2021 (53) | Prognostic significance of acral lentiginous histologic type in T1 melanoma | 397/431 |
| Monestier et al., 2021 (54) | Effectiveness and safety of nivolumab in patients with advanced melanoma: A multicenter, observational study | 245/155 |
| Ogata et al., 2021 (55) | The efficacy of anti-programmed cell death protein 1 therapy among patients with metastatic acral and metastatic mucosal melanoma | 45/52 |
| Gibney et al., 2021 (56) | PET/CT scan and biopsy-driven approach for safe anti-PD-1 therapy discontinuation in patients with advanced melanoma | 34/18 |
| Broman et al., 2021 (57) | Surveillance of Sentinel Node-Positive Melanoma Patients Who Receive Adjuvant Therapy Without Undergoing Completion Lymph Node Dissection | 110/67 |
| Ra, et al., 2021 (58) | Factors associated with immune checkpoint inhibitor use among older adults with late-stage melanoma: A population-based study | 2902/1617 |
| Jiang et al., 2021 (59) | Single institutional outcomes of whole brain radiotherapy for metastatic melanoma brain metastases | 39/24 |
| Madonna et al., 2021 (60) | Clinical Categorization Algorithm (CLICAL) and Machine Learning Approach (SRF-CLICAL) to Predict Clinical Benefit to Immunotherapy in Metastatic Melanoma Patients: Real-World Evidence from the Istituto Nazionale Tumori IRCCS Fondazione Pascale, Napoli, Italy | 320/258 |
| Matsui et al., 2021 (61) | Observation policy for sentinel node metastasis of melanoma: Comparative study with completion lymph node dissection in Japanese patients | 33/26 |
| Ressler et al., 2021 (62) | Real-life use of talimogene laherparepvec (T-VEC) in melanoma patients in centers in Austria, Switzerland and Germany | 44/44 |
| Pescarmona et al., 2021 (63) | Evaluation of TTV replication as a biomarker of immune checkpoint inhibitors efficacy in melanoma patients | 27/16 |
| El Sharouni et al., 2021 (64) | High discordance rate in assessing sentinel node positivity in cutaneous melanoma: Expert review may reduce unjustified adjuvant treatment | 175/147 |
| Di Guardo et al., 2021 (65) | Liquid Biopsy and Radiological Response Predict Outcomes Following Discontinuation of Targeted Therapy in Patients with BRAF Mutated Melanoma | 12/12 |
| Moore et al., 2021 (66) | Automated digital TIL analysis (ADTA) adds prognostic value to standard assessment of depth and ulceration in primary melanoma | 56/24 |
| Bouchereau et al., 2021 (67) | Impact of prior treatment with immune checkpoint inhibitors on dacarbazine efficacy in metastatic melanoma | 53/19 |
| Mangin et al., 2021 (68) | Decreased survival in patients treated by chemotherapy after targeted therapy compared to immunotherapy in metastatic melanoma | 51/37 |
| Flaus et al., 2021 (69) | FDG PET biomarkers for prediction of survival in metastatic melanoma prior to anti-PD1 immunotherapy | 27/29 |
| Kowlblinger et al., 2021 (70) | Adjuvant anti-PD-1 antibody treatment in stage III/IV melanoma: real-world experience and health economic considerations | 55/45 |
| Zanoni et al., 2021 (71) | Use of Ultrasmall Core-Shell Fluorescent Silica Nanoparticles for Image-Guided Sentinel Lymph Node Biopsy in Head and Neck Melanoma: A Nonrandomized Clinical Trial | 18/6 |
| Tian et al., 2021 (72) | Safety Profile of Immunotherapy Combined With Antiangiogenic Therapy in Patients With Melanoma: Analysis of Three Clinical Studies | 33/39 |
| Tejera-Vaquerizo et al., 2021 (73) | Sentinel Lymph Node Biopsy vs. Observation in Thin Melanoma: A Multicenter Propensity Score Matching Study | 2155/2894 |
| Kelly et al., 2021 (74) | Development of a Metastatic Uveal Melanoma Prognostic Score (MUMPS) for Use in Patients Receiving Immune Checkpoint Inhibitors | 35/40 |
| Ksienski et al., 2021 (75) | Time to Treatment With Nivolumab or Pembrolizumab for Patients With Advanced Melanoma in Everyday Practice | 186/116 |
| Lopez-Obregon et al., 2021 (76) | Evaluation of Intra-Lesional Interleukin 2 for the Treatment of In-Transit Melanoma Disease: L'évaluation de l'interleukine-2 intralésionnelle pour traiter les mélanomes en transit | 20/29 |
| Orlova et al., 2021 (77) | Real-World Experience with Targeted Therapy in BRAF Mutant Advanced Melanoma Patients: Results from a Multicenter Retrospective Observational Study Advanced Melanoma in Russia (Experience) (ADMIRE) | 171/211 |
| Kleemann et al., 2021 (78) | Real-World Experience of Talimogene Laherparepvec (T-VEC) in Old and Oldest-Old Patients with Melanoma: A Retrospective Single Center Study | 6/6 |
| Wu et al., 2021 (79) | Survival Benefits of Anti-PD-1 Therapy in Combination With Radiotherapy in Chinese Melanoma Patients With Brain Metastasis | 12/13 |
| Valentin et al., 2021 (80) | Real-World Survival in Patients with Metastatic Melanoma after Discontinuation of Anti-PD-1 Immunotherapy for Objective Response or Adverse Effects: A Retrospective Study | 42/23 |
| Hribernik et al., 2020 (81) | Retrospective analysis of treatment-naive Slovenian patients with metastatic melanoma treated with pembrolizumab - real-world experience | 84/54 |
| Brown et al., 2021 (82) | Combination anti-PD1 and ipilimumab therapy in patients with advanced melanoma and pre-existing autoimmune disorders | 26/29 |
| Ridolfi et al., 2020 (83) | Anti-PD1 antibodies in patients aged ≥ 75 years with metastatic melanoma: A retrospective multicentre study | 103/71 |
| Berger et al., 2020 (84) | Left ventricular ejection fraction decrease related to BRAF and/or MEK inhibitors in metastatic melanoma patients: A retrospective analysis | 51/37 |
| Ziegler et al., 2020 (85) | Toxicity of combined targeted therapy and concurrent radiotherapy in metastatic melanoma patients: a single-center retrospective analysis | 23/9 |
| Mandel et al., 2020 (86) | Long-term vemurafenib therapy in advanced melanoma patients: cutaneous toxicity and prognostic implications | 42/20 |
| Spillane et al., 2020 (87) | Organ Dysfunction in Patients with Advanced Melanoma Treated with Immune Checkpoint Inhibitors | 1654/753 |
| Comito et al., 2020 (88) | Oligoprogression After Checkpoint Inhibition in Metastatic Melanoma Treated With Locoregional Therapy: A Single-center Retrospective Analysis | 22/14 |
| Suo et al., 2020 (89) | Anti-PD1-Induced Immune-Related Adverse Events and Survival Outcomes in Advanced Melanoma | 109/77 |
| Nakamura et al., 2020 (90) | Anti-PD1 checkpoint inhibitor therapy in acral melanoma: a multicenter study of 193 Japanese patients | 114/79 |
| Balatoni et al., 2020 (91) | Biomarkers Associated with Clinical Outcome of Advanced Melanoma Patients Treated with Ipilimumab | 27/20 |
| Boada et al., 2020 (92) | Factors associated with sentinel lymph node status and prognostic role of completion lymph node dissection for thick melanoma | 360/288 |
| Aiken et al., 2020 (93) | Sentinel lymph node biopsy is associated with increased cost in higher risk thin melanoma | 33/37 |
| Betof Warner et al., 2020 (94) | Long-Term Outcomes and Responses to Retreatment in Patients With Melanoma Treated With PD-1 Blockade | 255/141 |
| Uppal et al., 2020 (95) | Regional Node Basin Recurrence in Melanoma Patients: More Common After Node Dissection for Macroscopic Rather than Clinically Occult Nodal Disease | 393/184 |
| Warburton et al., 2020 (96) | Circulating Tumour DNA in Advanced Melanoma Patients Ceasing PD1 Inhibition in the Absence of Disease Progression | 49/21 |
| Rauwerdink et al., 2020 (97) | Adjuvant Therapy Failure Patterns in the Modern Era of Melanoma Management | 50/50 |
| Turiello et al., 2020 (98) | Serum CD73 is a prognostic factor in patients with metastatic melanoma and is associated with response to anti-PD-1 therapy | 324/222 |
| Atkinson et al., 2020 (99) | Dabrafenib plus trametinib is effective in the treatment of BRAF V600-mutated metastatic melanoma patients: analysis of patients from the dabrafenib plus trametinib Named Patient Program (DESCRIBE II) | 150/121 |
| Verver et al., 2020 (100) | The EORTC-DeCOG nomogram adequately predicts outcomes of patients with sentinel node-positive melanoma without the need for completion lymph node dissection | 569/509 |
| Boada et al., 2020 (101) | Age as a prognostic factor in thick and ultrathick melanomas without lymph node metastasis | 232/130 |
| Rajeshuni et al., 2020 (102) | Evaluation of Racial, Ethnic, and Socioeconomic Associations With Treatment and Survival in Uveal Melanoma, 2004-2014 | 2315/2160 |
| Eisendle et al., 2020 (103) | Combining chemotherapy and autologous peptide-pulsed dendritic cells provides survival benefit in stage IV melanoma patients | 99/110 |
| Amaral et al., 2020 (104) | Combined immunotherapy with nivolumab and ipilimumab with and without local therapy in patients with melanoma brain metastasis: a DeCOG\* study in 380 patients | 240/140 |
| Takahashi et al., 2020 (105) | Real-world efficacy and safety data of nivolumab and ipilimumab combination therapy in Japanese patients with advanced melanoma | 28/29 |
| Cybulska-Stopa et al., 2020 (106) | Efficacy of ipilimumab after anti-PD-1 therapy in sequential treatment of metastatic melanoma patients - Real world evidence | 61/55 |
| Yamazaki et al., 2020 (107) | Assessment of SPECT-CT fusion images and semi-quantitative evaluation using SUV in 123I-IMP SPECT in patients with choroidal melanoma | 14/11 |
| Peng et al., 2020 (108) | Combining texture features of whole slide images improves prognostic prediction of recurrence-free survival for cutaneous melanoma patients | 92/60 |
| Huang et al., 2020 (109) | Completion lymph node dissection in patients with sentinel lymph node positive cutaneous head and neck melanoma | 397/133 |
| Iravani et al., 2020 (110) | FDG PET/CT for tumoral and systemic immune response monitoring of advanced melanoma during first-line combination ipilimumab and nivolumab treatment | 20/11 |
| Mason et al., 2020 (111) | Combined ipilimumab and nivolumab first-line and after BRAF-targeted therapy in advanced melanoma | 104/48 |
| Shi et al., 2020 (112) | Clinical characteristics of malignant melanoma in central China and predictors of metastasis | 74/93 |
| Huang et al., 2020 (113) | Comparative Analysis of Acral Melanoma in Chinese and Caucasian Patients | 187/155 |
| Jang et al., 2020 (114) | Real-World Recurrence Rates and Economic Burden in Patients with Resected Early-Stage Melanoma | 827/489 |
| Feigelson et al., 2019 (115) | Melanoma incidence, recurrence, and mortality in an integrated healthcare system: A retrospective cohort study | 1116/815 |
| Schilling et al., 2019 (116) | First-line therapy-stratified survival in BRAF-mutant melanoma: a retrospective multicenter analysis | 184/117 |
| Holmberg et al., 2019 (117) | Surgery for gastrointestinal metastases of malignant melanoma - a retrospective exploratory study | 12/3 |
| Márquez-Rodas et al., 2019 (118) | A retrospective chart review study describing metastatic melanoma patients profile and treatment patterns in Spain | 158/126 |
| Liu et al., 2019 (119) | Real-world experience with pembrolizumab in patients with advanced melanoma: A large retrospective observational study | 353/179 |
| Mohr et al., 2019 (120) | Real-World Use of Talimogene Laherparepvec in German Patients with Stage IIIB to IVM1a Melanoma: A Retrospective Chart Review and Physician Survey | 13/14 |
| Mowery et al., 2019 (121) | Retrospective analysis of safety and efficacy of anti-PD-1 therapy and radiation therapy in advanced melanoma: A bi-institutional study | 86/65 |
| Czirbesz et al., 2019 (122) | Efficacy of Vemurafenib Treatment in 43 Metastatic Melanoma Patients with BRAF Mutation. Single-Institute Retrospective Analysis, Early Real-Life Survival Data | 21/22 |
| Jørgensen et al., 2019 (123) | Prophylactic incisional negative pressure wound therapy shows promising results in prevention of wound complications following inguinal lymph node dissection for Melanoma: A retrospective case-control series | 18/23 |
| Cowey et al., 2019 (124) | Real-world treatment patterns and clinical outcomes among patients with advanced melanoma: A retrospective, community oncology-based cohort study (A STROBE-compliant article) | 323/161 |
| Verver et al., 2019 (125) | Upregulation of intratumoral HLA class I and peritumoral Mx1 in ulcerated melanomas | 84/88 |
| Liu et al., 2019 (126) | GDF11 upregulation independently predicts shorter overall-survival of uveal melanoma | 45/35 |
| Gartrell et al., 2019 (127) | Validation of Melanoma Immune Profile (MIP), a Prognostic Immune Gene Prediction Score for Stage II-III Melanoma | 59/19 |
| Ferguson et al., 2019 (128) | Predictors of survival in metastatic melanoma patients with leptomeningeal disease (LMD) | 111/67 |
| Cimminiello et al., 2019 (129) | Pembrolizumab in the treatment of advanced/metastatic melanoma: a single-center institution experience | 29/13 |
| Song et al., 2019 (130) | Survival Outcomes of Patients with Clinical Stage III Melanoma in the Era of Novel Systemic Therapies | 2449/1271 |
| Arheden et al., 2019 (131) | Real-world data on PD-1 inhibitor therapy in metastatic melanoma | 62/54 |
| Polkowska et al., 2019 (132) | Efficacy and safety of BRAF inhibitors and anti-CTLA4 antibody in melanoma patients-real-world data | 667/503 |
| Amaral et al., 2019 (133) | Immunotherapy plus surgery/radiosurgery is associated with favorable survival in patients with melanoma brain metastasis | 93/70 |
| Nan Tie et al., 2019 (134) | The Prognosis and Natural History of In-Transit Melanoma Metastases at a High-Volume Centre | 57/52 |
| Mahvi et al., 2019 (135) | Utility of Level III Axillary Node Dissection in Melanoma Patients with Palpable Axillary Lymph Node Disease | 66/19 |
| Parakh et al., 2019 (136) | Real-world efficacy and toxicity of combined nivolumab and ipilimumab in patients with metastatic melanoma | 30/15 |
| Martin-Algarra et al., 2019 (137) | Effectiveness of dabrafenib in the treatment of patients with BRAF V600-mutated metastatic melanoma in a Named Patient Program | 205/126 |
| Kulkarni et al., 2019 (138) | Deep Learning Based on Standard H&E Images of Primary Melanoma Tumors Identifies Patients at Risk for Visceral Recurrence and Death | 73/34 |
| Hamid et al., 2019 (139) | Safety, Clinical Activity, and Biological Correlates of Response in Patients with Metastatic Melanoma: Results from a Phase I Trial of Atezolizumab | 30/15 |
| Masoud et al., 2019 (140) | Efficacy of Talimogene Laherparepvec (T-VEC) Therapy in Patients with In-Transit Melanoma Metastasis Decreases with Increasing Lesion Size | 12/15 |
| Louveau et al., 2019 (141) | Baseline Genomic Features in BRAFV600-Mutated Metastatic Melanoma Patients Treated with BRAF Inhibitor + MEK Inhibitor in Routine Care | 13/14 |
| Castanares-Zapatero et al., 2019 (142) | Survival of patients with unfavorable prognosis cutaneous melanoma with increased use of immunotherapy agents: a population-based study in Belgium | 211/169 |
| McQuade et al., 2018 (143) | Association of body-mass index and outcomes in patients with metastatic melanoma treated with targeted therapy, immunotherapy, or chemotherapy: a retrospective, multicohort analysis | 347/252 |
| Lattanzi et al., 2018 (144) | Adjuvant NY-ESO-1 vaccine immunotherapy in high-risk resected melanoma: a retrospective cohort analysis | 13/9 |
| Ma et al., 2018 (145) | Autoimmune comorbidities in patients with metastatic melanoma: a retrospective analysis of us claims data | 7574/4454 |
| Sam et al., 2018 (146) | Generalizability of clinical trials of advanced melanoma in the real-world, population-based setting | 173/117 |
| De Caluwé et al., 2018 (147) | Dose-response in choroidal melanoma | 66/69 |
| Tucker et al., 2018 (148) | Risks of Melanoma and Other Cancers in Melanoma-Prone Families over 4 Decades | 410/457 |
| Rachidi et al., 2018 (149) | Postdiagnosis aspirin use and overall survival in patients with melanoma | 798/724 |
| Nakamura et al., 2018 (150) | Use of immune checkpoint inhibitors prolonged overall survival in a Japanese population of advanced malignant melanoma patients: Retrospective single institutional study | 25/20 |
| Okada et al., 2018 (151) | Association Between Immune-Related Adverse Events and Clinical Efficacy in Patients with Melanoma Treated With Nivolumab: A Multicenter Retrospective Study | 4/9 |
| Cowey et al., 2018 (152) | Pembrolizumab Utilization and Outcomes for Advanced Melanoma in US Community Oncology Practices | 110/58 |
| Hauschild et al., 2018 (153) | Modeled Prognostic Subgroups for Survival and Treatment Outcomes in BRAF V600-Mutated Metastatic Melanoma: Pooled Analysis of 4 Randomized Clinical Trials | 783/582 |
| Glitza et al., 2018 (154) | Retrospective review of metastatic melanoma patients with leptomeningeal disease treated with intrathecal interleukin-2 | 32/11 |
| Ibrahim et al., 2018 (155) | Older melanoma patients aged 75 and above retain responsiveness to anti-PD1 therapy: results of a retrospective single-institution cohort study | 53/46 |
| Kähler er al., 2018 (156) | Ipilimumab in metastatic melanoma patients with pre-existing autoimmune disorders | 18/23 |
| Haag et al., 2018 (157) | Phase II trial of ipilimumab in melanoma patients with preexisting humoural immune response to NY-ESO-1 | 20/5 |
| Perier-Muzet et al., 2018 (158) | Association of Immunotherapy With Overall Survival in Elderly Patients With Melanoma | 12/26 |
| Rosner et al., 2018 (159) | Peripheral blood clinical laboratory variables associated with outcomes following combination nivolumab and ipilimumab immunotherapy in melanoma | 124/85 |
| Hanna et al., 2018 (160) | A Population-based Study of Survival Impact of New Targeted and Immune-based Therapies for Metastatic or Unresectable Melanoma | 1733/1060 |
| Afzal et al., 2018 (161) | Efficacy of metformin in combination with immune checkpoint inhibitors (anti-PD-1/anti-CTLA-4) in metastatic malignant melanoma | 34/21 |
| Lee et al., 2018 (162) | Circulating tumor DNA predicts survival in patients with resected high-risk stage II/III melanoma | 77/84 |
| Lo et al., 2018 (163) | Long-Term Survival of Patients with Thin (T1) Cutaneous Melanomas: A Breslow Thickness Cut Point of 0.8 mm Separates Higher-Risk and Lower-Risk Tumors | 3663/2600 |
| Verver et al., 2018 (164) | Development and validation of a nomogram to predict recurrence and melanoma-specific mortality in patients with negative sentinel lymph nodes | 1510/1668 |
| Rossi et al., 2018 (165) | Prediction of Non-sentinel Node Status in Patients with Melanoma and Positive Sentinel Node Biopsy: An Italian Melanoma Intergroup (IMI) Study | 686/534 |
| Sinnamon et al., 2018 (166) | Prediction of Residual Nodal Disease at Completion Dissection Following Positive Sentinel Lymph Node Biopsy for Melanoma | 112/80 |
| Teterycz et al., 2018 (167) | High baseline neutrophil-to-lymphocyte ratio predicts worse outcome in patients with metastatic BRAF-positive melanoma treated with BRAF and MEK inhibitors | 110/105 |
| Dillman et al., 2018 (168) | Randomized phase II trial of autologous dendritic cell vaccines versus autologous tumor cell vaccines in metastatic melanoma: 5-year follow up and additional analyses | 27/15 |
| Kirchberger et al., 2018 (169) | Real world experience in low-dose ipilimumab in combination with PD-1 blockade in advanced melanoma patients | 24/9 |
| Mavor et al., 2018 (170) | Disparities in diagnosis of advanced melanoma: a population-based cohort study | 4287/3755 |
| Lu et al., 2018 (171) | Elevated Levels of BRAFV600 Mutant Circulating Tumor DNA and Circulating Hepatocyte Growth Factor Are Associated With Poor Prognosis in Patients With Metastatic Melanoma | 381/294 |
| Castaneda et al., 2017 (172) | Tumor infiltrating lymphocytes in acral lentiginous melanoma: a study of a large cohort of cases from Latin America | 415/409 |
| Samlowski et al., 2017 (173) | High frequency of brain metastases after adjuvant therapy for high-risk melanoma | 45/14 |
| Fujisawa et al., 2017 (174) | Fluctuations in routine blood count might signal severe immune-related adverse events in melanoma patients treated with nivolumab | 63/38 |
| Long et al., 2017 (175) | Nivolumab for Patients With Advanced Melanoma Treated Beyond Progression: Analysis of 2 Phase 3 Clinical Trials | 323/203 |
| Patel et al., 2017 (176) | Ipilimumab and Stereotactic Radiosurgery Versus Stereotactic Radiosurgery Alone for Newly Diagnosed Melanoma Brain Metastases | 41/13 |
| Zimmer et al., 2017 (177) | Ipilimumab alone or in combination with nivolumab after progression on anti-PD-1 therapy in advanced melanoma | 50/34 |
| Meerveld-Eggink et al., 2017 (178) | Short-term CTLA-4 blockade directly followed by PD-1 blockade in advanced melanoma patients: a single-center experience | 22/18 |
| Weber et al., 2017 (179) | Safety Profile of Nivolumab Monotherapy: A Pooled Analysis of Patients With Advanced Melanoma | 349/227 |
| Leontovich et al., 2017 (180) | Effect of the lymphocyte-to-monocyte ratio on the clinical outcome of chemotherapy administration in advanced melanoma patients | 14/10 |
| Smit et al., 2017 (181) | A Pilot Randomized Controlled Trial of the Feasibility, Acceptability, and Impact of Giving Information on Personalized Genomic Risk of Melanoma to the Public | 59/59 |
| Timerman et al., 2017 (182) | Vitamin D deficiency is associated with a worse prognosis in metastatic melanoma | 144/108 |
| O’Shea et al., 2017 (183) | Which symptoms are linked to a delayed presentation among melanoma patients? A retrospective study | 66/75 |
| Mosquera et al., 2017 (184) | Population-Based Analysis of Completion Lymphadenectomy in Intermediate-Thickness Melanoma | 1329/843 |
| Andtbacka et al., 2016 (185) | Cutaneous head and neck melanoma in OPTiM, a randomized phase 3 trial of talimogene laherparepvec versus granulocyte-macrophage colony-stimulating factor for the treatment of unresected stage IIIB/IIIC/IV melanoma | 68/19 |
| Algazi et al., 2016 (186) | Clinical outcomes in metastatic uveal melanoma treated with PD-1 and PD-L1 antibodies | 32/24 |
| Koskivuo et al., 2016 (187) | Whole body PET/CT in the follow-up of asymptomatic patients with stage IIB-IIIB cutaneous melanoma | 65/45 |
| Srisuttiyakorn et al., 2016 (188) | Intratumoral multinucleated giant cells are not a prognostic pathologic feature in cutaneous melanoma | 316/246 |
| Walter et al., 2016 (189) | Prognostic Implications of Tumor Diameter in Association With Gene Expression Profile for Uveal Melanoma | 164/175 |
| Bol et al., 2015 (190) | Favorable overall survival in stage III melanoma patients after adjuvant dendritic cell vaccination | 46/32 |
| Meani et al., 2015 (191) | The Victorian Melanoma Service: A 20-year review of an Australian multidisciplinary cancer service | 3495/3226 |
| Grignol et al., 2015 (192) | Increased visceral to subcutaneous fat ratio is associated with decreased overall survival in patients with metastatic melanoma receiving anti-angiogenic therapy | 27/15 |
| Ramirez et al., 2015 (193) | Defining the effects of age and gender on immune response and outcomes to melanoma vaccination: a retrospective analysis of a single-institution clinical trials' experience | 224/103 |
| Coupland et al., 2015 (194) | Concordant chromosome 3 results in paired choroidal melanoma biopsies and subsequent tumour resection specimens | 19/9 |
| Smith et al., 2015 (195) | Predicting Overall Survival in Patients With Metastatic Melanoma on Antiangiogenic Therapy and RECIST Stable Disease on Initial Posttherapy Images Using CT Texture Analysis | 25/17 |
| Larkin et al., 2015 (196) | Efficacy and Safety of Nivolumab in Patients With BRAF V600 Mutant and BRAF Wild-Type Advanced Melanoma: A Pooled Analysis of 4 Clinical Trials | 279/161 |
| Harding et al., 2015 (197) | A Retrospective Evaluation of Vemurafenib as Treatment for BRAF-Mutant Melanoma Brain Metastases | 15/12 |
| Takiar et al., 2014 (198) | A choice of radionuclide: Comparative outcomes and toxicity of ruthenium-106 and iodine-125 in the definitive treatment of uveal melanoma | 32/35 |
| Lee et al., 2014 (199) | The impact of socioeconomic status on melanoma clinical trial participation: an observational cohort study from Australia | 5126/3948 |
| Lee et al., 2014 (200) | Features and management of pyrexia with combined dabrafenib and trametinib in metastatic melanoma | 20/12 |
| Choe et al., 2014 (201) | Ocular toxicity in BRAF mutant cutaneous melanoma patients treated with vemurafenib | 12/11 |
| T van der Ploeg et al., 2014 (202) | Melanoma patients with an unknown primary tumor site have a better outcome than those with a known primary following therapeutic lymph node dissection for macroscopic (clinically palpable) nodal disease | 389/162 |
| Egger et al., 2014 (203) | Addition of an iliac/obturator lymph node dissection does not improve nodal recurrence or survival in melanoma | 54/80 |
| Kan et al., 2014 (204) | Podoplanin expression in cancer-associated fibroblasts predicts aggressive behavior in melanoma | 21/34 |
| Bedikian et al., 2014 (205) | Dacarbazine with or without oblimersen (a Bcl-2 antisense oligonucleotide) in chemotherapy-naive patients with advanced melanoma and low-normal serum lactate dehydrogenase: 'The AGENDA trial' | 195/119 |
| Gupta et al., 2014 (206) | DOC-MEK: a double-blind randomized phase II trial of docetaxel with or without selumetinib in wild-type BRAF advanced melanoma | 58/25 |
| Egger et al., 2014 (207) | Comparison of sentinel lymph node micrometastatic tumor burden measurements in melanoma | 92/65 |
| Lau et al., 2014 (208) | A single-centre experience of patients with metastatic melanoma enrolled in a dabrafenib named patient programme | 19/12 |

**Supplemental Table S3B.** Melanoma Prospective Studies Included in Systematic Review

| **Author, year** | **Title** | **Males/Females** |
| --- | --- | --- |
| Gómez-Olivas et al., 2023 (209) | Role of Sleep Apnea and Long-Term CPAP Treatment in the Prognosis of Patients With Melanoma: A Prospective Multicenter Study of 443 Patients | 191/200 |
| Atkins et al., 2023 (210) | Combination Dabrafenib and Trametinib Versus Combination Nivolumab and Ipilimumab for Patients With Advanced BRAF-Mutant Melanoma: The DREAMseq Trial-ECOG-ACRIN EA6134 | 167/98 |
| Ascierto et al., 2023 (211) | Sequencing of Ipilimumab Plus Nivolumab and Encorafenib Plus Binimetinib for Untreated BRAF-Mutated Metastatic Melanoma (SECOMBIT): A Randomized, Three-Arm, Open-Label Phase II Trial | 118/91 |
| Carpenter et al., 2023 (212) | Prospective, randomized, double-blind phase 2B trial of the TLPO and TLPLDC vaccines to prevent recurrence of resected stage III/IV melanoma: a prespecified 36-month analysis | 125/62 |
| Marchetti et al., 2023 (213) | Prospective validation of dermoscopy-based open-source artificial intelligence for melanoma diagnosis (PROVE-AI study) | 200/235 |
| Berking et al., 2023 (214) | COMBI-r: A Prospective, Non-Interventional Study of Dabrafenib Plus Trametinib in Unselected Patients with Unresectable or Metastatic BRAF V600-Mutant Melanoma | 262/210 |
| Oldan et al., 2023 (215) | Increased tryptophan, but not increased glucose metabolism, predict resistance of pembrolizumab in stage III/IV melanoma | 20/6 |
| Brunsgaard et al., 2023 (216) | Feasibility of personalized circulating tumor DNA detection in stage II and III melanoma | 14/14 |
| Meyer et al., 2023 (217) | Identification of high-risk patients with a seven-biomarker prognostic signature for adjuvant treatment trial recruitment in American Joint Committee on Cancer v8 stage I-IIA cutaneous melanoma | 226/213 |
| Bartula et al., 2023 (218) | Longitudinal trajectory of quality of life for patients with melanoma brain metastases: A secondary analysis from a whole brain radiotherapy randomized clinical trial | 96/43 |
| Cerminara et al., 2023 (219) | Diagnostic performance of augmented intelligence with 2D and 3D total body photography and convolutional neural networks in a high-risk population for melanoma under real-world conditions: A new era of skin cancer screening? | 74/69 |
| Gente et al., 2023 (220) | Sex and anti-inflammatory treatment affect outcome of melanoma and non-small cell lung cancer patients with rheumatic immune-related adverse events | 24/26 |
| Holmber et al., 2023 (221) | Prognostic Significance of Sentinel Lymph Node Status in Thick Primary Melanomas (> 4 mm) | 5668/4823 |
| Pavoine et al., 2023 (222) | Clinical application of a population-based input function (PBIF) for a shortened dynamic whole-body FDG-PET/CT protocol in patients with metastatic melanoma treated by immunotherapy | 20/17 |
| Del Vecchio et al., 2023 (223) | The Pattern of Progression to First-Line Treatment with Dabrafenib and Trametinib in Patients with Unresectable or Metastatic, BRAF-Mutated, Cutaneous Melanoma: Results of the Observational T-WIN Study | 127/74 |
| Sadrolashrafi et al., 2023 (224) | Retreatment of Patients With Metastatic Cutaneous Melanoma Who Relapse After Elective Checkpoint Inhibitor Discontinuation After a Complete Remission | 5/5 |
| Crystal et al., 2022 (225) | Therapeutic Value of Sentinel Lymph Node Biopsy in Patients With Melanoma: A Randomized Clinical Trial | 479/344 |
| Pellacani et al., 2022 (226) | Effect of Reflectance Confocal Microscopy for Suspect Lesions on Diagnostic Accuracy in Melanoma: A Randomized Clinical Trial | 1608/1557 |
| Jørgensen et al., 2022 (227) | Can prophylactic incisional negative pressure wound therapy Reduce Wound Complications After Inguinal Lymph Node Dissection for Melanoma? Results from a Randomized Controlled Trial | 10/10 |
| Naeser et al., 2022 (228) | Quality of Life in the First Year of Follow-Up in a Randomized Multicenter Trial Assessing the Role of Imaging after Radical Surgery of Stage IIB-C and III Cutaneous Melanoma (TRIM Study) | 124/79 |
| Aung et al., 2022 (229) | Objective assessment of tumor infiltrating lymphocytes as a prognostic marker in melanoma using machine learning algorithms | 223/196 |
| Friedman et al., 2022 (230) | Ipilimumab alone or in combination with nivolumab in patients with advanced melanoma who have progressed or relapsed on PD-1 blockade: clinical outcomes and translational biomarker analyses | 15/4 |
| Jahn et al., 2022 (231) | Over-Detection of Melanoma-Suspect Lesions by a CE-Certified Smartphone App: Performance in Comparison to Dermatologists, 2D and 3D Convolutional Neural Networks in a Prospective Data Set of 1204 Pigmented Skin Lesions Involving Patients' Perception | 56/58 |
| Sanjuda et al., 2022 (232) | In-Depth Characterisation of Real-World Advanced Melanoma Patients Receiving Immunotherapies and/or Targeted Therapies: A Case Series | 26/15 |
| Zhou et al., 2022 (233) | Safety, activity, and pharmacokinetics of camrelizumab in advanced Asian melanoma patients: a phase I study | 17/19 |
| Yan et al., 2022 (234) | An Immune-Related Gene Pair Index Predicts Clinical Response and Survival Outcome of Immune Checkpoint Inhibitors in Melanoma | 91/75 |
| Aamdal et al., 2022 (235) | Health-related quality of life in patients with advanced melanoma treated with ipilimumab: prognostic implications and changes during treatment | 88/53 |
| Voglis et al., 2022 (236) | Maximal surgical tumour load reduction in immune-checkpoint inhibitor naïve patients with melanoma brain metastases correlates with prolonged survival | 80/41 |
| Aldenhoven et al., 2022 (237) | Sentinel lymph node mapping with superparamagnetic iron oxide for melanoma: a pilot study in healthy participants to establish an optimal MRI workflow protocol | 5/1 |
| Jakub et al., 2022 (238) | Association of tumor molecular factors with in-transit metastasis in primary cutaneous melanoma | 535/319 |
| Holmberg et al., 2022 (239) | The efficacy of immune checkpoint blockade for melanoma in-transit with or without nodal metastases - A multicenter cohort study | 161/126 |
| Wiens et al., 2021 (240) | Psychological Distress of Metastatic Melanoma Patients during Treatment with Immune Checkpoint Inhibitors: Results of a Prospective Study | 59/54 |
| Lan et al., 2021 (241) | Prospective study of clinical characteristics of melanoma patients with retinopathy caused by a high-dose interferon α-2b | 18/25 |
| MacLellan et al., 2021 (242) | The use of noninvasive imaging techniques in the diagnosis of melanoma: a prospective diagnostic accuracy study | 100/84 |
| LoRusso et al., 2021 (243) | Identifying treatment options for BRAFV600 wild-type metastatic melanoma: A SU2C/MRA genomics-enabled clinical trial | 14/15 |
| Herts et al., 2021 (244) | A prospective study of cancer-related benefit finding in uveal melanoma patients | 58/49 |
| Guadagni et al., 2021 (245) | A Prospective Study of Intraarterial Infusion Chemotherapy in Advanced Wild-Type BRAF Melanoma Patients | 20/42 |
| Blankenstein et al., 2021 (246) | Neoadjuvant Cytoreductive Treatment With BRAF/MEK Inhibition of Prior Unresectable Regionally Advanced Melanoma to Allow Complete Surgical Resection, REDUCTOR: A Prospective, Single-arm, Open-label Phase II Trial | 10/11 |
| Bakshi et al., 2021 (247) | Genomic Risk Score for Melanoma in a Prospective Study of Older Individuals | 5722/6990 |
| Gollrad et al., 2021 (248) | Quality of life and treatment-related burden during ocular proton therapy: a prospective trial of 131 patients with uveal melanoma | 66/65 |
| M de Meza et al., 2021 (249) | Adjuvant treatment for melanoma in clinical practice - Trial versus reality | 362/206 |
| Aamdal et al., 2021 (250) | Ipilimumab in a real-world population: A prospective Phase IV trial with long-term follow-up | 96/55 |
| Yamazaki et al., 2021 (251) | Prospective observational study of the efficacy of nivolumab in Japanese patients with advanced melanoma (CREATIVE study) | 72/52 |
| Watts et al., 2021 (252) | Association Between Melanoma Detected During Routine Skin Checks and Mortality | 1502/950 |
| Gómez Olivas et al., 2021 (253) | Sleep Duration and Cutaneous Melanoma Aggressiveness. A Prospective Observational Study in 443 Patients | 224/219 |
| Storkus et al., 2021 (254) | Dendritic cell vaccines targeting tumor blood vessel antigens in combination with dasatinib induce therapeutic immune responses in patients with checkpoint-refractory advanced melanoma | 8/7 |
| Reijers et al., 2021 (255) | Representativeness of the Index Lymph Node for Total Nodal Basin in Pathologic Response Assessment After Neoadjuvant Checkpoint Inhibitor Therapy in Patients With Stage III Melanoma | 48/34 |
| Becquart et al., 2021 (256) | Tolerance and Effectiveness of Targeted Therapies in Aged Patients with Metastatic Melanoma | 207/146 |
| Dalle et al., 2021 (257) | Long-term real-world experience with ipilimumab and non-ipilimumab therapies in advanced melanoma: the IMAGE study | 819/537 |
| Guitera et al., 2021 (258) | Efficiency of Detecting New Primary Melanoma Among Individuals Treated in a High-risk Clinic for Skin Surveillance | 340/253 |
| Saiag et al., 2021 (259) | Efficacy, safety and factors associated with disease progression in patients with unresectable (stage III) or distant metastatic (stage IV) BRAF V600-mutant melanoma: An open label, non-randomized, phase IIIb study of trametinib in combination with dabrafenib | 474/382 |
| Gulati et al., 2021 (260) | Preexisting immune-mediated inflammatory disease is associated with improved survival and increased toxicity in melanoma patients who receive immune checkpoint inhibitors | 295/188 |
| Pokorny et al., 2021 (261) | Real-world experience with elective discontinuation of PD-1 inhibitors at 1 year in patients with metastatic melanoma | 38/14 |
| Tarhini et al., 2021 (262) | A matching-adjusted indirect comparison of combination nivolumab plus ipilimumab with BRAF plus MEK inhibitors for the treatment of BRAF-mutant advanced melanoma | 206/108 |
| Patel et al., 2021 (263) | The utility of ICG fluorescence for sentinel lymph node identification in head and neck melanoma | 299/100 |
| Bulgarelli et al., 2021 (264) | Radiotherapy and High-Dose Interleukin-2: Clinical and Immunological Results of a Proof of Principle Study in Metastatic Melanoma and Renal Cell Carcinoma | 4/6 |
| Bai et al., 2021 (265) | Risk Models for Advanced Melanoma Patients Under Anti-PD-1 Monotherapy- Ad hoc Analyses of Pooled Data From Two Clinical Trial | 44/45 |
| Kobayashi et al., 2020 (266) | Pituitary dysfunction induced by immune checkpoint inhibitors is associated with better overall survival in both malignant melanoma and non-small cell lung carcinoma: a prospective study | 39/27 |
| Nomura et al., 2020 (267) | Multicenter prospective phase II trial of nivolumab in patients with unresectable or metastatic mucosal melanoma | 13/7 |
| Binkley et al., 2020 (268) | A prospective trial of adjuvant therapy for high-risk uveal melanoma: assessing 5-year survival outcomes | 16/17 |
| Postow et al., 2020 (269) | A Prospective, Phase 1 Trial of Nivolumab, Ipilimumab, and Radiotherapy in Patients with Advanced Melanoma | 12/8 |
| Boudewijns et al., 2020 (270) | Autologous monocyte-derived DC vaccination combined with cisplatin in stage III and IV melanoma patients: a prospective, randomized phase 2 trial | 36/18 |
| Barbosa de Carvalho er al., 2020 (271) | Near Infrared (NIR) Fluorescence is Not a Substitute for Lymphoscintigraphy and Gamma Probe for Melanoma Sentinel Node Detection: Results from a Prospective Trial | 62/59 |
| Dummer et al., 2020 (272) | Adjuvant dabrafenib plus trametinib versus placebo in patients with resected, BRAFV600-mutant, stage III melanoma (COMBI-AD): exploratory biomarker analyses from a randomised, phase 3 trial | 970/775 |
| Tang et al., 2020 (273) | Safety, Efficacy, and Biomarker Analysis of Toripalimab in Previously Treated Advanced Melanoma: Results of the POLARIS-01 Multicenter Phase II Trial | 57/70 |
| Ali et al., 2020 (274) | Correlation between initial tumour volume and treatment duration on Dabrafenib: observation study of subjects with BRAF mutant melanoma on the BRF112680 trial | 8/2 |
| Jansen et al., 2020 (275) | Salivary cortisol levels and anxiety in melanoma patients undergoing sentinel lymph node excision under local anesthesia versus general anesthesia: a prospective study | 36/26 |
| Salama et al., 2020 (276) | Ipilimumab and Radiation in Patients with High-risk Resected or Regionally Advanced Melanoma | 10/14 |
| Sinnamon et al., 2020 (277) | Survival Outcomes Following Lymph Node Biopsy in Thin Melanoma-A Propensity-Matched Analysis | 15118/13728 |
| Van Zejil et al., 2020 (278) | Real-world outcomes of advanced melanoma patients not represented in phase III trials | 1507/1029 |
| Von Schuckmann et al., 2020 (279) | Statins may reduce disease recurrence in patients with ulcerated primary melanoma | 410/290 |
| Asher et al., 2020 (280) | Real World Outcomes of Ipilimumab and Nivolumab in Patients with Metastatic Melanoma | 99/73 |
| Algazi et al., 2020 (281) | Intratumoral delivery of tavokinogene telseplasmid yields systemic immune responses in metastatic melanoma patients | 16/14 |
| Alves Wainstein et al., 2020 (282) | Assessment of retraction in surgical specimens in melanoma patients submitted to oncological amplification of margins | 85/60 |
| Liermann et al., 2020 (283) | Stereotactic Radiosurgery With Concurrent Immunotherapy in Melanoma Brain Metastases Is Feasible and Effective | 28/8 |
| Gill et al., 2020 (284) | Correlating Radiomic Features of Heterogeneity on CT with Circulating Tumor DNA in Metastatic Melanoma | 10/5 |
| Hadi et al., 2020 (285) | Stereotactic radiosurgery combined with targeted/ immunotherapy in patients with melanoma brain metastasis | 17/11 |
| Curti et al., 2020 (286) | Randomized phase II study of stereotactic body radiotherapy and interleukin-2 versus interleukin-2 in patients with metastatic melanoma | 34/10 |
| Holbrook et al., 2020 (287) | Intracranial antitumor activity with encorafenib plus binimetinib in patients with melanoma brain metastases: A case series | 14/10 |
| Ponti et al., 2020 (288) | First-Line Selective Internal Radiation Therapy in Patients with Uveal Melanoma Metastatic to the Liver | 11/11 |
| Wong et al., 2020 (289) | 18F-FDG PET/CT based spleen to liver ratio associates with clinical outcome to ipilimumab in patients with metastatic melanoma | 60/30 |
| Verver et al., 2020 (290) | The EORTC-DeCOG nomogram adequately predicts outcomes of patients with sentinel node-positive melanoma without the need for completion lymph node dissection | 425/267 |
| Ellison et al., 2019 (291) | Mohs micrographic surgery for melanoma: A prospective multicenter study | 327/191 |
| Gonsalves et al., 2019 (292) | A Prospective Phase II Trial of Radioembolization for Treatment of Uveal Melanoma Hepatic Metastasis | 22/26 |
| Phillips et al., 2019 (293) | Assessment of Accuracy of an Artificial Intelligence Algorithm to Detect Melanoma in Images of Skin Lesions | 222/279 |
| Luong et al., 2019 (294) | Reduction of lymphocele rate in patients undergoing sentinel node biopsy for melanoma by intraoperative placement of plant-based hemostatic powder: Results of a prospective trial | 57/59 |
| Bradbury et al., 2019 (295) | Circulating insulin-like growth factor I in relation to melanoma risk in the European prospective investigation into cancer and nutrition | 523/698 |
| Takayasu et al., 2019 (296) | Carbon-ion radiotherapy combined with chemotherapy for head and neck mucosal melanoma: Prospective observational study | 13/8 |
| Forschner et al., 2019 (297) | Tumor mutation burden and circulating tumor DNA in combined CTLA-4 and PD-1 antibody therapy in metastatic melanoma - results of a prospective biomarker study | 16/19 |
| Hauswald et al., 2019 (298) | Whole-brain helical tomotherapy with integrated boost for brain metastases in patients with malignant melanoma - final results of the BRAIN-RT trial | 4/3 |
| Henderson et al., 2019 (299) | Inguinal and Ilio-inguinal Lymphadenectomy in Management of Palpable Melanoma Lymph Node Metastasis: A Long-Term Prospective Evaluation of Morbidity and Quality of Life | 46/23 |
| Alvarez-Breckenridge et al., 2019 (300) | Upfront Surgical Resection of Melanoma Brain Metastases Provides a Bridge Toward Immunotherapy-Mediated Systemic Control | 94/48 |
| Banting et al., 2019 (301) | Negative Sentinel Lymph Node Biopsy in Patients with Melanoma: The Patient's Perspective | 56/46 |
| Czarnecka et al., 2019 (302) | Treatment Sequencing and Clinical Outcomes in BRAF-Positive and BRAF-Negative Unresectable and Metastatic Melanoma Patients Treated with New Systemic Therapies in Routine Practice | 133/120 |
| Ipenburg et al., 2019 (303) | External validation of a prognostic model to predict survival of patients with sentinel node-negative melanoma | 4131/3282 |
| Chin Lo et al., 2019 (304) | Reconstructive burden and financial implications of wider excision margins for invasive primary cutaneous melanoma | 621/563 |
| Lang et al., 2019 (305) | Clinical significance of signs of autoimmune colitis in 18F-fluorodeoxyglucose positron emission tomography-computed tomography of 100 stage-IV melanoma patients | 71/29 |
| Nijhuis et al., 2019 (306) | False-Positive Results and Incidental Findings with Annual CT or PET/CT Surveillance in Asymptomatic Patients with Resected Stage III Melanoma | 105/49 |
| Jansen et al., 2019 (307) | Discontinuation of anti-PD-1 antibody therapy in the absence of disease progression or treatment limiting toxicity: clinical outcomes in advanced melanoma | 113/70 |
| Grätz et al., 2019 (308) | Sequential Treatment With Targeted and Immune Checkpoint Therapy in Patients With BRAF Positive Metastatic Melanoma: The Importance of Timing? | 9/2 |
| De Giorgi et al., 2018 (309) | Propranolol for Off-label Treatment of Patients With Melanoma: Results From a Cohort Study | 33/20 |
| Forschner et al., 2018 (310) | Diagnostic accuracy of dermatofluoroscopy in cutaneous melanoma detection: results of a prospective multicentre clinical study in 476 pigmented lesions | 211/158 |
| Read et al., 2018 (311) | Intralesional PV-10 for the treatment of in-transit melanoma metastases-Results of a prospective, non-randomized, single center study | 27/18 |
| O’Leary et al., 2018 (312) | Survival outcomes and interval between lymphoscintigraphy and SLNB in cutaneous melanoma- findings of a large prospective cohort study | 521/494 |
| Dusingize et al., 2018 (313) | Smoking and Cutaneous Melanoma: Findings from the QSkin Sun and Health Cohort Study | 17697/21000 |
| Amini-Adle et al., 2018 (314) | Ineffective anti PD-1 therapy after BRAF inhibitor failure in advanced melanoma | 23/10 |
| Couto et al., 2018 (315) | Determining the False-Negative Rate Using Fluorescence Image-Assisted Sentinel Lymph Node Biopsy in Cutaneous Melanoma | 65/60 |
| Shoushtari et al., 2018 (316) | Measuring Toxic Effects and Time to Treatment Failure for Nivolumab Plus Ipilimumab in Melanoma | 32/32 |
| Pameijer et al., 2018 (317) | Indocyanine green and fluorescence lymphangiography for sentinel node identification in patients with melanoma | 43/44 |
| Du Four et al., 2018 (318) | Focal radiation necrosis of the brain in patients with melanoma brain metastases treated with pembrolizumab | 14/29 |
| Mooradian et al., 2018 (319) | A phase II study of combined therapy with a BRAF inhibitor (vemurafenib) and interleukin-2 (aldesleukin) in patients with metastatic melanoma | 3/3 |
| Read et al., 2018 (320) | Follow-Up Recommendations after Diagnosis of Primary Cutaneous Melanoma: A Population-Based Study in New South Wales, Australia | 1195/777 |
| Si et al., 2018 (321) | Vemurafenib in Chinese patients with BRAFV600 mutation-positive unresectable or metastatic melanoma: an open-label, multicenter phase I study | 21/25 |
| Yao et al., 2018 (322) | Efficacy and safety of primary surgery with postoperative radiotherapy in head and neck mucosal melanoma: a single-arm Phase II study | 21/13 |
| Kashani-Sabet et al., 2017 (323) | Prospective Validation of Molecular Prognostic Markers in Cutaneous Melanoma: A Correlative Analysis of E1690 | 167/81 |
| Rostas et al., 2017 (324) | Health-related quality of life during trans-arterial chemoembolization with drug-eluting beads loaded with doxorubicin (DEBDOX) for unresectable hepatic metastases from ocular melanoma | 13/7 |
| Patel et al., 2017 (325) | A phase II study of ipilimumab plus temozolomide in patients with metastatic melanoma | 45/19 |
| Williams et al., 2017 (326) | Phase 1 Study of Ipilimumab Combined With Whole Brain Radiation Therapy or Radiosurgery for Melanoma Patients With Brain Metastases | 12/4 |
| Davies et al., 2017 (327) | Dabrafenib plus trametinib in patients with BRAFV600-mutant melanoma brain metastases (COMBI-MB): a multicentre, multicohort, open-label, phase 2 trial | 72/53 |
| De la Cruz-Merino et al., 2017 (328) | Clinical features of serous retinopathy observed with cobimetinib in patients with BRAF-mutated melanoma treated in the randomized coBRIM study | 286/209 |
| Montaudié et al., 2017 (329) | Metformin monotherapy in melanoma: a pilot, open-label, prospective, and multicentric study indicates no benefit | 10/7 |
| Fabian et al., 2017 (330) | Primary photodynamic therapy with verteporfin for small pigmented posterior pole choroidal melanoma | 5/10 |
| Frankel et al., 2017 (331) | Digoxin Plus Trametinib Therapy Achieves Disease Control in BRAF Wild-Type Metastatic Melanoma Patients | 8/12 |
| Schreuer et al., 2017 (332) | Combination of dabrafenib plus trametinib for BRAF and MEK inhibitor pretreated patients with advanced BRAFV600-mutant melanoma: an open-label, single arm, dual-centre, phase 2 clinical trial | 15/10 |
| Weide et al., 2017 (333) | Combined treatment with ipilimumab and intratumoral interleukin-2 in pretreated patients with stage IV melanoma-safety and efficacy in a phase II study | 9/6 |
| Goldman et al., 2017 (334) | Outcomes in Melanoma Patients Treated with BRAF/MEK-Directed Therapy or Immune Checkpoint Inhibition Stratified by Clinical Trial versus Standard of Care | 214/104 |
| Jakub et al., 2017 (335) | Safety and Feasibility of Minimally Invasive Inguinal Lymph Node Dissection in Patients With Melanoma (SAFE-MILND): Report of a Prospective Multi-institutional Trial | 35/52 |
| Saiag et al., 2016 (336) | Prospective assessment of a gene signature potentially predictive of clinical benefit in metastatic melanoma patients following MAGE-A3 immunotherapeutic (PREDICT) | 58/65 |
| Rossi et al., 2016 (337) | Evaluation of the Upper Limb Lymphatic System: A Prospective Lymphoscintigraphic Study in Melanoma Patients and Healthy Controls | 8/8 |
| Hiniker et al., 2016 (338) | A Prospective Clinical Trial Combining Radiation Therapy With Systemic Immunotherapy in Metastatic Melanoma | 15/7 |
| Damude et al., 2016 (339) | The MELFO-Study: Prospective, Randomized, Clinical Trial for the Evaluation of a Stage-adjusted Reduced Follow-up Schedule in Cutaneous Melanoma Patients-Results after 1 Year | 87/93 |
| Rule et al., 2016 (340) | Results of NCCTG N0275 (Alliance) - a phase II trial evaluating resection followed by adjuvant radiation therapy for patients with desmoplastic melanoma | 10/10 |
| Eigentler et al., 2016 (341) | Adjuvant treatment with pegylated interferon α-2a versus low-dose interferon α-2a in patients with high-risk melanoma: a randomized phase III DeCOG trial | 476/433 |
| Chen et al., 2016 (342) | Clinical, Molecular, and Immune Analysis of Dabrafenib-Trametinib Combination Treatment for BRAF Inhibitor-Refractory Metastatic Melanoma: A Phase 2 Clinical Trial | 16/7 |
| Krogh et al., 2016 (343) | Prognostic and predictive value of YKL-40 in stage IIB-III melanoma | 758/476 |
| Goff et al., 2016 (344) | Randomized, Prospective Evaluation Comparing Intensity of Lymphodepletion Before Adoptive Transfer of Tumor-Infiltrating Lymphocytes for Patients With Metastatic Melanoma | 64/37 |
| Fang et al., 2016 (345) | Association of Vitamin D Levels With Outcome in Patients With Melanoma After Adjustment For C-Reactive Protein | 590/452 |
| Weber et al., 2016 (346) | Phase I/II Study of Metastatic Melanoma Patients Treated with Nivolumab Who Had Progressed after Ipilimumab | 60/32 |
| McMasters et al., 2016 (347) | Final Results of the Sunbelt Melanoma Trial: A Multi-Institutional Prospective Randomized Phase III Study Evaluating the Role of Adjuvant High-Dose Interferon Alfa-2b and Completion Lymph Node Dissection for Patients Staged by Sentinel Lymph Node Biopsy | 418/356 |
| Zenda et al., 2016 (348) | Phase II study of proton beam therapy as a nonsurgical approach for mucosal melanoma of the nasal cavity or para-nasal sinuses | 12/20 |
| Kibrité et al., 2015 (349) | Predictive factors for sentinel lymph nodes and non-sentinel lymph nodes metastatic involvement: a database study of 1,041 melanoma patients | 499/458 |
| Mohr et al., 2015 (350) | Intermittent High-Dose Intravenous Interferon Alfa-2b for Adjuvant Treatment of Stage III Melanoma: Final Analysis of a Randomized Phase III Dermatologic Cooperative Oncology Group Trial | 360/267 |
| Lawson et al., 2015 (351) | Randomized, Placebo-Controlled, Phase III Trial of Yeast-Derived Granulocyte-Macrophage Colony-Stimulating Factor (GM-CSF) Versus Peptide Vaccination Versus GM-CSF Plus Peptide Vaccination Versus Placebo in Patients With No Evidence of Disease After Complete Surgical Resection of Locally Advanced and/or Stage IV Melanoma: A Trial of the Eastern Cooperative Oncology Group-American College of Radiology Imaging Network Cancer Research Group (E4697) | 483/331 |
| C van Dijk et al., 2015 (352) | Serous Retinopathy Associated with Mitogen-Activated Protein Kinase Kinase Inhibition (Binimetinib) for Metastatic Cutaneous and Uveal Melanoma | 22/13 |
| Speijers et al., 2015 (353) | Tumor mitotic rate added to the equation: melanoma prognostic factors changed? : a single-institution database study on the prognostic value of tumor mitotic rate for sentinel lymph node status and survival of cutaneous melanoma patients | 231/222 |
| Ferrucci et al., 2015 (354) | Dacarbazine in combination with bevacizumab for the treatment of unresectable/metastatic melanoma: a phase II study | 24/13 |
| Algazi et al., 2015 (355) | The combination of axitinib followed by paclitaxel/carboplatin yields extended survival in advanced BRAF wild-type melanoma: results of a clinical/correlative prospective phase II clinical trial | 26/12 |
| Bol et al., 2014 (356) | Long overall survival after dendritic cell vaccination in metastatic uveal melanoma patients |  |  |
| Malvehy et al., 2014 (357) | Clinical performance of the Nevisense system in cutaneous melanoma detection: an international, multicentre, prospective and blinded clinical trial on efficacy and safety | 929/1013 |
| Ribas et al., 2014 (358) | Combination of vemurafenib and cobimetinib in patients with advanced BRAF(V600)-mutated melanoma: a phase 1b study | 77/52 |
| Jiang et al., 2014 (359) | Immunotherapy following regional chemotherapy treatment of advanced extremity melanoma | 16/17 |
| Fujiyama et al., 2014 (360) | Induction of cytotoxic T cells as a novel independent survival factor in malignant melanoma with percutaneous peptide immunization | 22/13 |
| T van der Ploeg et al., 2014 (361) | Outcome following sentinel node biopsy plus wide local excision versus wide local excision only for primary cutaneous melanoma: analysis of 5840 patients treated at a single institution | 3420/2420 |
| Wilson et al., 2014 (362) | Correlation of somatic mutations and clinical outcome in melanoma patients treated with Carboplatin, Paclitaxel, and sorafenib | 113/65 |
| Kelderman et al., 2014 (363) | Lactate dehydrogenase as a selection criterion for ipilimumab treatment in metastatic melanoma | 134/96 |
| Perier-Muzet et al., 2014 (364) | Melanoma patients under vemurafenib: prospective follow-up of melanocytic lesions by digital dermoscopy | 29/13 |
| Shi et al., 2014 (365) | Metastatic malignant melanoma: computed tomography-guided 125I seed implantation treatment | 16/8 |
| Azer et al., 2014 (366) | Patterns of response and progression in patients with BRAF-mutant melanoma metastatic to the brain who were treated with dabrafenib | 15/8 |  |
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