

THE LANCET Oncology

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Flaherty KT, Hennig M, Lee SJ, et al. Surrogate endpoints for overall survival in metastatic melanoma: a meta-analysis of randomised controlled trials. *Lancet Oncol* 2014; published online January 31. [http://dx.doi.org/10.1016/S1470-2045\(14\)70007-5](http://dx.doi.org/10.1016/S1470-2045(14)70007-5).

The relationship between progression free and overall survival in metastatic melanoma: a meta-analysis of randomized, controlled trials

Keith T. Flaherty MD^{1*}, Michael Hennig PhD², Sandra J. Lee PhD³, Paolo A. Ascierto MD⁴, Reinhard Dummer, MD, Full Prof⁵, Alexander M.M. Eggermont, PhD, Full Prof⁶, Axel Hauschild, MD⁷, Richard Kefford, PhD Full Prof⁸, John M. Kirkwood, MD Full Prof⁹, Georgina V. Long PhD¹⁰, Paul Lorigan MD¹¹, Andreas Mackensen, MD, Full Prof¹², Grant McArthur, PhD¹³, Steven O'Day, MD¹⁴, Poulam M. Patel, MD Full Prof¹⁵, Caroline Robert PhD¹⁶, Dirk Schadendorf, MD Full Prof^{17*}

SUPPLEMENTARY DETAILS OF THE SEARCH STRATEGIES

Database Cochrane Database of Systematic Reviews (CDSR)
 Search tool DIMDI with Classic Search (Command modus).

 Date of Search 08.04.2013
 Time: no restriction
 Search filter None

#	Search terms	Result
1	CDSR93	7824
2	CT D DACARBAZINE	2
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	4
4	2 OR 3	4
5	CT D MELANOMA	4
6	MELANOM?	18
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
9	5 OR 6 OR 7 OR 8	18
10	4 AND 9	1

Update 15.06.2013

#	Search terms	Result
1	CDSR93	7928
2	CT D DACARBAZINE	2
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	4
4	2 OR 3	4
5	CT D MELANOMA	4
6	MELANOM?	20
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
9	5 OR 6 OR 7 OR 8	20
10	4 AND 9	1

Database Data base of Abstracts of Reviews of Effects (CDAR)
 Search tool DIMDI mit Classic Search (Command modus).
 Date of Search 08.04.2013
 Time: no restriction
 Search filter: None

#	Search terms	Result
11	CDAR94	19619
12	CT D DACARBAZINE	8
13	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	20
14	12 OR 13	20
15	CT D MELANOMA	50
16	MELANOM?	93
17	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
18	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
19	15 OR 16 OR 17 OR 18	93
20	14 AND 19	8

Update 15.06.2013

#	Search terms	Result
11	CDAR94	22619
12	CT D DACARBAZINE	9
13	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	21
14	12 OR 13	21
15	CT D MELANOMA	55
16	MELANOM?	99
17	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
18	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
19	15 OR 16 OR 17 OR 18	99
20	14 AND 19	8

Database NHS Economic Evaluation Database (NHSEED)
 Search tool DIMDI with Classic Search (Command modus).
 Date of Search 08.04.2013
 Time: no restriction
 Search filter: None

#	Search terms	Result
21	NHSEED	12916
22	CT D DACARBAZINE	8
23	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	4
24	22 OR 23	9
25	CT D MELANOMA	28
26	MELANOM?	38
27	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
28	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
29	25 OR 26 OR 27 OR 28	39
30	24 AND 29	2

Update 15.06.2013

#	Search terms	Result
21	NHSEED	13913
22	CT D DACARBAZINE	9
23	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	4
24	22 OR 23	10
25	CT D MELANOMA	28
26	MELANOM?	38
27	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
28	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
29	25 OR 26 OR 27 OR 28	39
30	24 AND 29	2

Database INAHTA Health Technology Assessment Database
 Search tool DIMDI with Classic Search (command modus).
 Date of Search 08.04.2013
 Time: no restriction
 Search filter: None

#	Search terms	Result
31	INAHTA	12049
32	CT D DACARBAZINE	2
33	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	3
34	32 OR 33	3
35	CT D MELANOMA	54
36	MELANOM?	68
37	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
38	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
39	35 OR 36 OR 37 OR 38	68
40	34 AND 39	1

Update 15.06.2013

#	Search terms	Result
31	INAHTA	12290
32	CT D DACARBAZINE	2
33	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	3
34	32 OR 33	3
35	CT D MELANOMA	55
36	MELANOM?	70
37	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
38	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
39	35 OR 36 OR 37 OR 38	70
40	34 AND 39	1

Database Cochrane Central Register of Controlled Trials (CCTR)
 Search tool DIMDI with Classic Search (Command modus).
 Date of Search 08.04.2013
 Time: no restriction
 Search filter: None

#	Search terms	Result
1	CCTR93	685241
2	CT D DACARBAZINE	439
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	615
4	2 OR 3	615
5	CT D MELANOMA	926
6	MELANOM?	1585
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	1
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
9	5 OR 6 OR 7 OR 8	1586
10	4 AND 9	286

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#	Search terms	Result
1	CCTR93	698186
2	CT D DACARBAZINE	446
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	622
4	2 OR 3	622
5	CT D MELANOMA	935
6	MELANOM?	1595
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	1
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
9	5 OR 6 OR 7 OR 8	1596
10	4 AND 9	288

Database MEDLINE
 Search tool DIMDI with Classic Search (Command modus).
 Date of Search 08.04.2013
 Time from 1960
 Search filter For Randomized Controlled Trials according to Wong SS, Wilczynski NL, Haynes RB.
 Comparison of top-performing search strategies for detecting clinically sound treatment studies and systematic reviews in MEDLINE and EMBASE. J Med Libr Assoc 2006;94(4):451-5. Table 1: Strategy minimizing difference between sensitivity and specificity.

#	Search terms	Result
1	ME60	22645138
2	CT D DACARBAZINE	4714
3	4 DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	5711
4	2 OR 3	5711
5	CT D MELANOMA	69128
6	MELANOM?	90337
7	5 MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	241
8	6 MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	482
9	5 OR 6 OR 7 OR 8	90489
10	DT=RANDOMIZED CONTROLLED TRIAL	341299
11	RANDOMIZED OR RANDOMISED	530620
12	CT=RANDOMIZED?	153990
13	PLACEBO	148432
14	CT=PLACEBO	33697
15	10 OR 11 OR 12 OR 13 OR 14	654978
16	7 CT D ANIMALS NOT CT D HUMANS	3768189
17	15 NOT 16	626488
18	4 AND 9 AND 17	263

Update 15.06.2013

#	Search terms	Result
1	ME60	22829026
2	CT D DACARBAZINE	4792
3	8 DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	5793
4	2 OR 3	5793
5	CT D MELANOMA	69649
6	MELANOM?	91252
7	9 MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	241
8	10 MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	482
9	5 OR 6 OR 7 OR 8	91405
10	DT=RANDOMIZED CONTROLLED TRIAL	345049
11	RANDOMIZED OR RANDOMISED	538074
12	CT=RANDOMIZED?	155495
13	PLACEBO	150002
14	CT=PLACEBO	33846
15	10 OR 11 OR 12 OR 13 OR 14	663295
16	11 CT D ANIMALS NOT CT D HUMANS	3788694
17	15 NOT 16	634392
18	4 AND 9 AND 17	264
19	18 AND RD=08.04.2013 TO 15.06.2013	22

Database EMBASE/EMBASE ALERT
 Search tool DIMDI with Classic Search (command modus).
 Date of Search 08.04.2013
 Time from 1974
 Search filter For Randomized Controlled Trials according to Wong SS, Wilczynski NL, Haynes RB.
 Comparison of top-performing search strategies for detecting clinically sound treatment studies and systematic reviews in MEDLINE and EMBASE. J Med Libr Assoc 2006;94(4):451-5. Table 1: Strategy minimizing difference between sensitivity and specificity.

#	Search terms	Result
1	EM74; EA08	21851093
2	CT D DACARBAZINE	14303
3	12 DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	14727
4	2 OR 3	14728
5	CT D MELANOMA	87134
6	MELANOM?	105697
7	13 MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	162
8	14 MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	260
9	5 OR 6 OR 7 OR 8	106058
10	15 RANDOM?/TI OR RANDOM?/AB	691735
11	16 DOUBLE-BLIND?/TI OR DOUBLE-BLIND?/AB	122714
12	PLACEBO?	277433
13	10 OR 11 OR 12	879371
14	4 AND 9 AND 13	575

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#	Search terms	Result
1	EM74; EA08	22858790
2	CT D DACARBAZINE	14738
3	17 DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	15169
4	2 OR 3	15170
5	CT D MELANOMA	94383
6	MELANOM?	113665
7	18 MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	165
8	19 MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	263
9	5 OR 6 OR 7 OR 8	114037
10	20 RANDOM?/TI OR RANDOM?/AB	775130
11	21 DOUBLE-BLIND?/TI OR DOUBLE-BLIND?/AB	134263
12	PLACEBO?	297739
13	10 OR 11 OR 12	970053
14	4 AND 9 AND 13	631
15	14 AND RD=08.04.2013 TO 15.06.2013	27

Database Review , Update 15.06. – 08.09.2013

Date of Review: 08.09.2013

Update 08.09.2013

#	Search terms	Result
1	CDSR93	8037
2	CT D DACARBAZINE	2
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	4
4	2 OR 3	4
5	CT D MELANOMA	4
6	MELANOM?	20
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
9	5 OR 6 OR 7 OR 8	20
10	4 AND 9	1

Update 08.09.2013

#	Search terms	Result
11	CDAR94	24546
12	CT D DACARBAZINE	9
13	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	21
14	12 OR 13	21
15	CT D MELANOMA	60
16	MELANOM?	104
17	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
18	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
19	15 OR 16 OR 17 OR 18	104
20	14 AND 19	8

Update 08.09.2013

#	Search terms	Result
21	NHSEED	14420
22	CT D DACARBAZINE	9
23	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	4
24	22 OR 23	10
25	CT D MELANOMA	29
26	MELANOM?	40
27	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
28	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
29	25 OR 26 OR 27 OR 28	41
30	24 AND 29	2

Update 08.09.2013

#	Search terms	Result
31	INAHTA	12511
32	CT D DACARBAZINE	2
33	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	3
34	32 OR 33	3
35	CT D MELANOMA	58
36	MELANOM?	75
37	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	0
38	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
39	35 OR 36 OR 37 OR 38	75
40	34 AND 39	1

Update 08.09.2013

#	Search terms	Result
1	CCTR93	711013
2	CT D DACARBAZINE	451
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	628
4	2 OR 3	628
5	CT D MELANOMA	945
6	MELANOM?	1612
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	1
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	0
9	5 OR 6 OR 7 OR 8	1613
10	4 AND 9	290

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#	Search terms	Result
1	ME60	23057728
2	CT D DACARBAZINE	4877
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	5906
4	2 OR 3	5906
5	CT D MELANOMA	70389
6	MELANOM?	92433
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	241
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	482
9	5 OR 6 OR 7 OR 8	92587
10	DT=RANDOMIZED CONTROLLED TRIAL	350106
11	RANDOMIZED OR RANDOMISED	547702
12	CT=RANDOMIZED?	157313
13	PLACEBO	151923
14	CT=PLACEBO	34070
15	10 OR 11 OR 12 OR 13 OR 14	673930
16	CT D ANIMALS NOT CT D HUMANS	3813918
17	15 NOT 16	644450
18	4 AND 9 AND 17	273
19	18 AND RD=15.06.2013 TO 08.09.2013	21

Update 08.09.2013

#	Search terms	Result
1	EM74; EA08	23606687
2	CT D DACARBAZINE	15083
3	DACARBAZIN? OR DTIC OR NSC 45388 OR NSC45388 OR BIOCARBAZINE OR DECARBAZINE	15528
4	2 OR 3	15529
5	CT D MELANOMA	99784
6	MELANOM?	119053
7	MELANOCARCINOMA# OR MELANOMATOSIS OR MELANOMALIGNOMA# OR NAEVOCARCINOMA# OR NEVOCARCINOMA#	165
8	MELANOBLASTOMA# OR MELANOCYTOBLASTOMA# OR PIGMENTARY CANCER#	263
9	5 OR 6 OR 7 OR 8	119436
10	RANDOM?/TI OR RANDOM?/AB	825645
11	DOUBLE-BLIND?/TI OR DOUBLE-BLIND?/AB	140595
12	PLACEBO?	309967
13	10 OR 11 OR 12	1025463
14	4 AND 9 AND 13	665
15	14 AND RD=15.06.2013 TO 08.09.2013	26