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	CohortA (n=51)		Cohort B (n=21	L)
	mWHO	irRC	mWHO	irRC
Global disease control	9 (18%, 8-31)	13 (25%, 14-40)	1 (5%, 0·1–24)	2 (10%, 1-30)
CNS disease control	12 (24%, 13-38)	13 (25%, 14-40)	2 (10%, 1-30)	2 (10%, 1-30)
Non-CNS disease control	14 (27%, 16-42)	17 (33%, 21-48)	1 (5%, 0.1-24)	2 (10%, 1-30)
Global objective response	5 (10%, 3-21)	5 (10%, 3-21)	1 (5%, 0-1-24)	1 (5%, 0.1-24)
CNS objective response	8 (16%, 7-29)	8 (16%, 7-29)	1 (5%, 0.1-24)	1 (5%, 0.1-24)
Non-CNS objective response	7 (14%, 6–26)	7 (14%, 6–26)	1 (5%, 0-1-24)	1 (5%, 0·1-24)
Data are n (%, 95% CI). mWHO=r Table 3: Disease control and o	nodified WHO criteria	a. irRC=immune-related after 12 weeks	response criteria.	











Prospective Phase II Clinical Trials on Melanoma Brain Metastases presented at the 2017 ASCO AM















Treatment-Related Adverse Events

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Melanoma	
Institute Australia	

	A: Ipi+Nivo N=35	B: Nivo N=25	C: Nivo [†] N=16
Treatment-related AEs, n (%)	34 (97%)	17 (68%)	8 (50%)
Grade 3/4 treatment-related AEs, n (%)	19 (54%)	5 (20%)	2 (13%)
Treatment-related SAE, n (%)	16 (46%)	1 (4%)	2 (13%)
Discontinuation due to AE*	5 (14%)	1 (4%)	0 (0%)

- 4/76 (5%) pts had neurological SAE: 1 radionecrosis^, 1 seizure, 2 headache
- No deaths due to treatment-related AE

SAE; Serious Adverse Event

*Pts with grade 3/4 treatment related AE in Cohort A were allowed to continue nivolumab monotherapy if recovered and deemed due to ipilimumab ^ Pt in cohort C, prior SRS

BARCELONA Congress

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Take Home Messages

- Treatment of patients with MBM
 - Requires a multidisciplinary approach (incl. neuro-radiologist, neurosurgeon, radiation- and medical oncology with expertise)
- New active medical treatment options have become available
 - BRAFi/MEKi in BRAF V600mut melanoma: high ORR, irrespective of tumor burden, suboptimal duration of response
 - PD-1/CTLA-4 inhibition: encouraging activity/durability in patients with low tumor burden CNS involvement
- Post (radiation) treatment necrosis of the brain



