SUPPLEMENTARY APPENDIX

Venetoclax as monotherapy and in combination with hypomethylating agents or low dose cytarabine in relapsed and treatment refractory acute myeloid leukemia: a systematic review and meta-analysis

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Supplementary materials:

Venetoclax as monotherapy and in combination with hypomethylating agents or low dose cytarabine in relapsed and treatment refractory acute myeloid leukemia: A systematic review and meta-analysis

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Supplementary Table 1: Modified Downs and Black checklist

Study (year of publication)	Reporting (items 1-10; max. 11 points)	External validity (items 11-13; max. 3 points)	Internal validity; bias (items 14-20; max. 7 points)	Internal validity; confounding (items 21-26; max. 6 points)	Power (item 27; max. 1 point)	Total
Konopoleva et al. (2016) (7)	9	3	5	2	1	20
Huemer et al. (2019) (8)	7	3	5	2	0	17
Aldoss et al. (2019) (11)	5	3	5	2	0	15
DiNardo et al. (2018) (6)	8	3	5	1	1	18
Ram et al. (2019) (10)	8	3	5	2	0	18
Goldberg et al. (2017) (5)	7	3	5	2	0	17
Shahswar et al. (2018) (12)	7	3	5	2	0	17

Supplementary Table 2: Description of baseline patient characteristics included in original studies

Author	Treatment	Median age	Median ECOG	ELN risk classification	Secondary AML (%)	IDH1/2-mut (%)	NPM1-mut (%)	FLT3-mut (%)	TP53-mut (%)	Median number of prior lines of therapy	Prior HMA (%)	Prior SCT (%)
Aldoss et al	VEN+DEC (81 patients), VEN + AZA (9 patients)	59	not documented	Favorable: 8% Intermediate: 26% Adverse: 66%	24	18	9	28	18	2	51	29
Konopoleva et al	VEN	71	1	not documented	54	38	13	13	not documented	not documented	75	13
DiNardo et al.	VEN+ DEC (23 pts), VEN+ AZA (8 pts), VEN+ LDAC (8 pts), VEN+ other (4 pts)	68	not documented	Favorable: 5% Intermediate: 49% Adverse: 47%	31	26	7	12	23	3	77	12
Goldberg et al	VEN+ DEC (3 pts), VEN+ AZA (4 pts), VEN+ LDAC (16 pts)	66	not documented	Favorable: 10% Intermediate: 28% Adverse: 62%	58	not documented	not documented	not documented	not documented	3	76	29
Huemer et al	VEN	74	not documented	Not reported	100	29	not documented	not documented	not documented	1	100	0
Ram et al	VEN+ DEC (4 pts), VEN+ AZA (16 pts), VEN+ LDAC (3 pts)	76	not documented	Favorable: 9% Intermediate: 48% Adverse: 43%	66	not documented	4	13	not documented	2	100	26

Shahswar	VEN+	68	not	not reported	63	not	not	not	not	not	88	12
et al	DEC (1		documented			documented	documented	documented	documented	documented		
	pt), VEN+											
	AZA (5											
	pts),											
	VEN+											
	LDAC (2											
	pts)											