## Vindesine dexamethasone as a therapeutic option in elderly blastic plasmacytoid dendritic cell neoplasms: a monocentric experience

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## Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN) :



6 advanced-age patients (average age of 85; range: 78 to 93), ECOG = 1-3=> all treated with vinca-alkaloids.



Characteristics of the patients, treatment, outcome and survival

					infiltration			response	response (months)		(months)
F	82	1	Nodules, macules	disseminated	yes	vindesine dexamethasone	6	PR	4	haematological (1)	7
										neurological (2)	
F	87	1	nodule	unique (shoulder)	no	vindesine dexamethasone	12	CR	69	0	82
Μ	83	1	nodule	unique (trunk)	no	vindesine dexamethasone	8	CR	9	0	11
F	78	3	nodule	unique (thigh)	yes	vincristine dexamethasone	5	PD	NA	0	5
M	89	1	Nodules, macules	disseminated	yes	vincristine then vindesine	5 then 7	CR	2	haematological (1)	15
						dexamethasone				neurological (2)	
Μ	93	2	Nodules, macules	disseminated	no	vincristine dexamethasone	21	PR	23	asthenia (1)	28

vindesine -dexamethasone weekly cycles for 1 month followed by monthly cycles Average = 10 cycles (range: 5 to 21).



Partial (n=2) or complete response (n=3)	
Median duration : 9 months (2 to 69).	

Safety:

2 grade 1 haematological toxicity and 2 grade 2 peripheral neurological toxicity

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No infectious complication related to chemotherapy.

Median overall survival : 13 months (5-82 months)

All finally died of the disease with a bone marrow infiltration.

These results in advanced age patients compare favorably to intensive chemotherapies, used in younger patients, Median survival of our patients treated by vinca-alkaloids was greater than expected and published in elderly patients (13 vs 8 months) (1). Sustained clinical response in the majority of patients, up to 6 years after discontinuation of treatment.



## Vinca-alkaloids : an option for BPDCN even in very advanced age patients (prolonging life expectancy with a favorable toxicity profile)

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