

Figures and tables for the supplementary material

Table S1. Local healthcare service costs

Category	Service	Cost per use (in euros)				Assumptions	Source
		France	Germany	Italy	Spain		
Ambulance call out	Ambulance Call out	459.11 €	459.11 €	459.11 €	459.11 €	Based on NHS 2017 data cost = dispatch + taking a patient to hospital charge	(1)
Hospital visits	Overnight stay	397.58 €	233.94 €	200.00 €	486.28 €		(2),(3),(4), (5)
	Day patient / visited for tests	23.93 €	102.72 €	102.72 €	204.18 €	Costs for 1 day shown. Assumed 1/2 day per visit.	(5)

Category	Service	Cost per use (in euros)				Assumptions	Source
		France	Germany	Italy	Spain		
Specialist visits	Internal Medicine	307.63 €	307.63 €	307.63 €	88.81 €	Assumed same for France, Germany and Italy	(4), (5)
	Haematology	307.63 €	475.14 €	307.63 €	88.81 €		(4), (5)
Other HCP visits	GP	167.90 €	167.90 €	167.90 €	48.22 €		(4), (5)
	Specialist Nurse	80.00 €	80.00 €	80.00 €	22.84 €	FR. DE, IT calculated based on relative difference vs Spain across measures	(5)
	Practice Nurse	80.00 €	80.00 €	80.00 €	22.84 €	FR. DE, IT calculated based on relative difference	(5)

Category	Service	Cost per use (in euros)				Assumptions	Source
		France	Germany	Italy	Spain		
						vs Spain across measures	
	Telehealth advice	226.76 €	226.76 €	226.76 €	226.76 €	Based on NHS data	(10),(11)
	Physiotherapist	83.06 €	95.43 €	83.06 €	12.38 €		(5)
	Occupational therapy	83.06 €	95.43 €	83.06 €	71.91 €	Assumed = physiotherapist costs in FR, GE, IT	(5)
	Osteopath	83.06 €	95.43 €	83.06 €	12.38 €	Assumed = physiotherapist costs in FR, GE, IT	(5)
	Chiropractor	83.06 €	95.43 €	83.06 €	12.38 €	Assumed = physiotherapist costs in FR, GE, IT	(5)

Category	Service	Cost per use (in euros)				Assumptions	Source
		France	Germany	Italy	Spain		
	Massage Therapist	83.06 €	95.43 €	83.06 €	12.38 €	Assumed = physiotherapist costs in FR, GE, IT	(5)
	Psychologist	65.50 €	42.19 €	65.50 €	88.81 €		(5), (6)
	Psychiatrist	147.90 €	207.00 €	147.90 €	88.81 €		(5), (7)
	Dietician	23.69 €	35.00 €	23.69 €	12.38 €		(5), (8)
	Radiology	71.00 €	71.26 €	28.52 €	114.27 €		(4),(5)
	Complementary / alternative health care workers	83.06 €	95.43 €	83.06 €	12.38 €	Same as Massage Therapist	(5)
Community Services	District / community nurse	80.00 €	80.00 €	80.00 €	22.84 €	Assumed same cost as practice nurse	

Category	Service	Cost per use (in euros)				Assumptions	Source
		France	Germany	Italy	Spain		
	Health visitor	30.09 €	27.57 €	18.27 €	18.27 €	Minimum wage x 3 hours	(9)
	Professional home help / carer	30.09 €	27.57 €	18.27 €	18.27 €	Minimum wage x 3 hours	(9)
	House cleaner	30.09 €	27.57 €	18.27 €	18.27 €	Minimum wage x 3 hours	(9)
	Meals on wheels	10.03 €	9.19 €	6.09 €	6.09 €	Minimum wage x 1 hours	(9)
	Social worker	10.03 €	9.19 €	6.09 €	6.09 €	Minimum wage x 1 hours	(9)
	Day care / rehabilitation	40.12 €	36.76 €	24.36 €	24.36 €	Minimum wage x 4 hours	(9)

Category	Service	Cost per use (in euros)				Assumptions	Source
		France	Germany	Italy	Spain		
	Helper from a voluntary organisation	30.09 €	27.57 €	18.27 €	18.27 €	Minimum wage x 3 hours	(9)
	Night nurse	80.24 €	73.52 €	48.72 €	48.72 €	Minimum wage x 8 hours	(9)
Salary data	Minimum wage (2019)	30.09 €	27.57 €	18.27 €	18.27 €	No Minimum in Italy. Assumed same as Spain	(9)

GE, Germany; GP, general practice; FR, France; HCP, health care professionals; IT, Italy. Currency conversions used: £1: €1.133

Sources:

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2. Legifrance, "Arrêté du 28 février 2012 fixant pour l'année 2012 les éléments tarifaires mentionnés aux I et IV de l'article L. 162-22-10 du code de la sécurité sociale et aux IV et V de l'article 33 modifié de la loi de financement de la sécurité sociale pour 2004. » (2012); 51, 3581

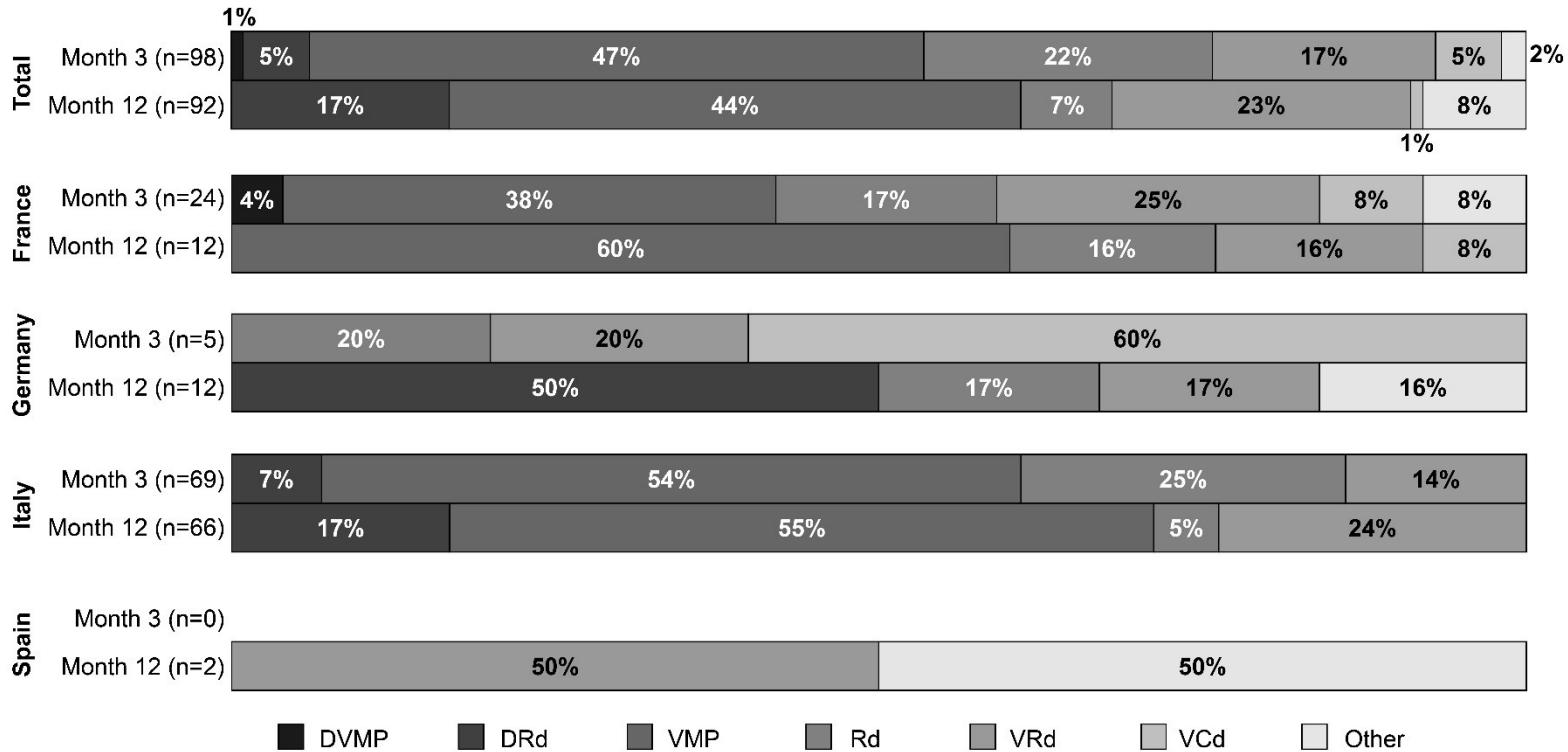
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Category	Service	Cost per use (in euros)				Assumptions	Source
		France	Germany	Italy	Spain		
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							11. Henderson C, Knapp M, Fernández JL, et al. Cost effectiveness of telehealth for patients with long term conditions (Whole Systems Demonstrator telehealth questionnaire study): nested economic evaluation in a pragmatic, cluster randomised controlled trial. BMJ. Published online March 22 2013. http://www.bmj.com/content/346/bmj.f1035

Table S2. Sample distribution of patients and carers across the participating countries at each study timepoint

	France	Germany	Italy	Spain	Total
Sample size of patients					
Month 0	37	47	76	4	164
Month 3	36	40	78	6	160
Month 12	26	54	102	8	190
Completed all 3 timepoints*	23	18	47	3	91
Sample size of carers					
Month 0	27	40	60	4	131
Month 3	24	32	60	6	122
Month 12	26	32	60	6	124
Completed all 3 timepoints*	11	18	40	3	72
Number of physicians that recruited	5	2	7	4	-
% of patients with a linked carer taking part at Month 0	100%	59%	59%	75%	-
<p>Month 0: as soon as possible after diagnosis and prior to treatment initiation; Month 3: three months after diagnosis; Month 12: twelve months after diagnosis.</p> <p>*Sample at 'all timepoints' were those patients who have completed all questionnaires (Month 0, Month 3 and Month 12).</p>					

Figure S1. Treatment regimens for TNE NDMM patients for the total sample and per participating country at study Month 3 and Month 12



DRd: daratumumab, lenalidomide, and dexamethasone; DVMP: daratumumab, bortezomib, melphalan and prednisolone; pt: patients; Month 3: three months after diagnosis; Month 12: twelve months after diagnosis; NDMM, newly diagnosed multiple myeloma; Rd: lenalidomide and dexamethasone; TNE, transplant non-eligible; VCd: bortezomib, cyclophosphamide and dexamethasone; VMP: bortezomib, melphalan and prednisolone; VRd: bortezomib, lenalidomide and dexamethasone;

Statistically significant differences:

VMP (26%) *pt 65+>pt under 65; *pt 65-75>pt 55-64, pt 75+; *pt multi>pt not comorb; *Pt poor health>pt somewhat healthy.

Rd (13%) *IT>DE; *pt under 65>pt 65+; *pt 55-64>pt 65-75.

VRd (10%) *FR>DE; *pt male>pt female.

VCd (3%) *pt 75+>pt 65-75.

Statistically significant differences*

VMP (26%) *Patient 65+ > Patient under 65; * Patient 65-75 > Patient 55-64, pt 75+; *Patient with comorbidity > Patient with no comorbidity; *Patient poor health > Patient somewhat healthy.

Rd (13%) *IT>DE; *Patient under 65 > Patient 65+; *Patient 55-64 > Patient 65-75.

VRd (10%) *FR>DE; *Patient male > Patient female.

VCd (3%) *Patient 75+ > Patient 65-75.