

Supplementary Table 6 Calculation of patients cost for videoconferencing and standard consultations (in Norwegian krone and Euro^a)

	n	Mean distance/ number/time	UNN Fare price/ unite price, NOK	Total costs	Total costs per patient	n	Mean distance /time	RMC Fare price/ unite price, NOK	Total Costs	Total costs per patient
	257					302				
Travel costs without companion	184					223				
Using standard rate ^b	114	x 144km ^c	x 2.40 x 2	78,797		143	x 44km ^c	x 2.40 x 2	30,202	
Extra transport – private car	12	x 254km ^d	x 2.40 x 2	14,630		28	x 45km ^d	x 2.40 x 2	6,048	
Taxi –round trip	35	x 227km ^e	x 12.50 ^f	99,313		52	x 52km ^e	x 16.50 ^f	44,616	
Taxi- waiting		x 4 h	x 190 ^f	26,600			x 1 h	x 253 ^f	13,156	
Airplane	2		x 713 x2	2,852						
Express boat	21		x 430 x 2	18,060						
Overnight stay; >12 h ^g	10		x 220	2,200		2		x 220	440	
Travel costs with companion	73					79				
Using standard rate ^b	38	x 151km	x 2,40 x 2	27,542		59	x 45km ^c	x 2.40 x 2	12,744	
Extra transport – private car ^b	4	x 275km ^c	x 2.40 x 2	5,280		12	x 46km	x 2.40 x 2	2,650	
Bus	13									
Kvæningen	4	x 212km ^c	x 2.40 x 4	8,141						
Nordreisa	7	x 140km ^c	x 2.40 x 4	9,408						
Skjervøy	1	x 160km ^c	x 2.40 x 4	1,536						
Kåfjord	1	x 113km ^c	x 2.40 x 4	1,085						
Taxi – round trip	12	x 226km ^e	x 16.50 ^f	44,748		8	x 46km	x 16.50 ^f	6,072	
Taxi - waiting		x 4 h	x 253 ^f	12,144			x 1 h	x 253 ^f	2,024	
Airplane	1		x 713 x 4	2,852						
Express boat	5		x 430 x 4	8,600						
Overnight stay; >12 h ^g	7		x 220 x 2	3,080						
Total travel costs, NOK(€)				366,868	1,427 (148.65)				117,952	391 (40.73)
Patient's charge for the journey, NOK(€)			149 x 2		298(31.04)			149 x 2		298(31.04)
Total travel cost health system, NOK(€)					1,129 (117.60)					93(9.69)
Time costs										
Lost working hours - full time ^h	20	x 8h	x 380 ⁱ	60,800		36	x 0.93h x 2	x 380 ⁱ	25,445	
Lost working hours - part time ^h	15	x 4h	x 380	22,800		13	x 0.65h x 2	x 380	6,422	
Lost working hours total, NOK(€)				83,600	325 (33.85)				31,867	106 (11.04)
Total travel costs and lost working hours for society, NOK (€)					1,752 (182.50)					497 (51.77)

UNN – University Hospital, standard consultation; RMC – Regional medical center, remote location; n= number of traveling to consultation, missing value is replaced with lowest estimated value/distance/time according to travel-distance.

^a 1 Euro = 9.60 Norwegian krone (NOK), Exchange rate from the Norwegian Bank on April 10th2018

^b Standard rate refunded 2.40 NOK per kilometer according to Pasientreiser HF (the National Patients Transport) for 2018. Non responder is included as standard rate refunded

^c Mean distance (the shortest distance)

^d Mean distance (patient reported distance)

^e Mean distance (the shortest and fastest - no ferry)

^f Adjusted for estimated number of patient in the same taxi, reported from the UNN's Patient Travelling Agency

^g Stay overnight, refunding 220 NOK (undocumented) subsistence allowance,

^h Directly waiting time before consultation and consultant time is not included. The difference between the location in pre-consultation waiting time is small (7 minute longer at UNN, p-value <0.001). There was no significant difference in mean consultation time (20.9 and 20.5 minutes)

ⁱ Average income all sectors per hour, 150 hours per week, 2017 + 30% social taxes according: <https://www.ssb.no/en/arbeid-og-lonn/statistikker/lonnansatt>