Supplementary material for Viehoff PB, et al. Identification of relevant ICF (International Classification of Functioning, Disability and Health) categories in lymphedema patients: A cross-sectional study, Acta Oncologica, 2015;54:1218–24.

Supplementary Table I. Percentages of the severity of the impairments in the component Body Functions.

		0=no			1=mild			2=moderate			3=severe			4=complete			Total		
ICF code	Description	impairment			impairment			impairment			impariment			impairment			8 + 9 + C		
		U	L	M	U	L	M	U	L	M	U	L	M	U	L	M	U	L	M
Location lymphedema																			
Chapter 1: mental functions																			
b122	Global psychosocial functions	90		75	7		12.5	2		12.5	1		0	0		0	0		0
b126	Temperament and personality functions	82	76	62	14	13	13	3	7	25	0	1	0	0	1	0	1	2	0
b130	Energy and drive functions	75	78	74	14	10	13	7	10	0	1	1	13	0		0	3	1	0
b152	Emotional functions	65	62	50	22	24	37.5	8	7	0	3	3	12.5	0	1	0	2	3	0
b160	Thought functions	88		87.5	8		12.5	1		0	2		0	0		0	1		0
b164	Higher-level cognitive functions			87.5			12.5			0			0			0			0
b180	Experience of self and time functions	89	89	87.5	9	4.5	12.5	1	5.5	0	1	0	0	0	0	0	0	1	0
Chapter 2: sensory functions and pain																			
b265	Touch functions	67	85		19	10		7	3		2	1		1	0		4	1	
b270	Sensory functions related to temperature and other stimuli	76	71		16	16		5	6		1	4		1	0		1	3	
b280	Sensation of pain	72	76	88	15	16	13	6	7	0	1	0	0	0	0	0	6	1	0
Chapter 4: functions of the cardiovascular, haematological, immunological and respiratory systems																			
b435	Immunological system functions	74	83	87.5	17	12.5	12.5	6	4.5	0	2	0	0	0	0	0	1	0	0
b455	Exercise tolerance functions	61	74		20	16		7	6		5	2		0	0		7	2	
Chapter 5: Functions of the digestive, metabolic and endocrine systems																			
b530	Weight maintenance functions	51	64	75	35.5	26	25	10.5	9	0	2	1	0	0	0	0	1	0	0
b540	General metabolic functions			87.5			12.5			0			0			0			0
b550	Thermoregulatory functions	85.5		87.5	10.5		12.5	0		0	1		0	0		0	3		0
Chapter 6: genitorinary and reproductive functions																			
b640	Sexual functions	72	79	50	8	10	12.5	0	4	0	1	0	12.5	2	0	12.5	17	7	12.5
Chapter 7: neuromusculoskeletal and movement-related functions																			
b710	Mobility of joint functions	41	49.5	75	26.5	21.5	0	18.5	26	12.5	5	0	0	1	0	0	7	3	12.5
b730	Muscle power functions	43	58	75	24	25	12.5	20	14	0	5	2	0	0	0	0	7	1	12.5
Chapter 8: functions of the skin and related structures																			
b810	Protective functions of the skin	67	64	87.5	19	22.5	12.5	8	8	0	3.5	1	0	0	0	0	2.5	4.5	0
b820	Repair functions of the skin	72	67	75	19	20	25	7	9	0	1	2	0	1	0	0	0	2	0
b830	Other functions of the skin	81	84	100	13	8	0	4	3.5	0	0	0	0	0	0	0	2	4.5	0

Only those functions are included in the table in which there is an impairment (severity of 1 (mild impairment) or higher) in at least 10% of the 88 patients with lymphedema of the upper extremity (U; white colored columns) or at least 10% of the 89 patients with lymphedema of the lower extremity (L; yellow colored columns). The blue colored columns include the data of the eight patients with midline lymphedema (M). 8=not specified; 9=not applicable; C, comorbidity. The numbers for 8, 9 and C are added (Total 8,9,C).

Supplementary Table II. Percentages of the severity of the impairments in the component Body Structures.

ICF code	Description	0=no impairment			1=mild impairment			2=moderate impairment			3=severe impairment			4=complete impairment			Total 8 + 9 + C		
Location lymphedema		U	L	M	U	L	M	U	L	M	U	L	M	U	L	M	U	L	M
Chapter 4: structures of the cardiovascular, immunological and respiratory systems																			
s420	Structure of immune system	88		87.5	6		12.5	5			1						0		0
Chapter 6: Structures related to the genitorinary and reproductive systems																			
s630	Structure of reproductive system			87.5			12.5												0
Chapter 7: Structures related to movement																			
s720	Structure of shoulder region	48		75	22		12.5	16		12.5	7			2			5		0
s730	Structure of upper extremity	56		87.5	18		12.5	15			8						3		0
s740	Structure of pelvic region		68			18			3									11	
s750	Structure of lower extremity		30.3			30.3			30.3		6.1			1				2	
s760	Structure of trunk	67	79		10	12		2			1						20	9	
Chapter 8: skin and related structures																			
s810	Structure of areas of skin	84	74	75	7	18	12.5	8	6		1	2	12.5				0	0	0

Only those functions are included in the table in which there is an impairment (severity of 1 (mild impairment) or higher) in at least 10% of the 88 patients with lymphedema of the upper extremity (U; white colored columns) or at least 10% of the 89 patients with lymphedema of the lower extremity (L; yellow colored columns). The blue colored columns include the data of the eight patients with midline lymphedema (M). 8=not specified; 9=not applicable; C, comorbidity. The numbers for 8, 9 and C are added (Total 8,9,C).

Supplementary Table III. Percentages of the severity of the limitations and restrictions of the component Activities and Participation.

ICF code	Description	0=no limitation/restriction			1=mild limitation/restriction			2=moderate limitation/restriction			3=severe limitation/restriction			4=complete limitation/restriction			Total	8 + 9 + C		
		U	L	M	U	L	M	U	L	M	U	L	M	U	L	M	U	L	M	
Location																				
Chapter 1: learning and applying knowledge																				
d155	Acquiring skills	83		87.5	5			8			2					12.5	2		0	
d170	Writing	65			14			4			3						2			
d172	Calculating			87.5									12.5						0	
Chapter 2: general tasks and demands																				
d230	Carrying out daily routine	61	75	75	16	15	25	16	8		3	1		1			2	1	0	
Chapter 3: Communication																				
d330	Speaking			87.5						12.5									0	
d335	Producing non-verbal messages			87.5			12.5												0	
d340	Producing messages in formal sign language			87.5			12.5												0	
d350	Conversation			87.5			12.5												0	
d360	Using communication devices and techniques	90			8						2						0			
Chapter 4: Mobility																				
d410	Changing basic body position	68	49.5	4	16	30.5	12.5	11	16	12.5		1	12.5				5	3	12.5	
d415	Maintaining a body position	50	66.3	62.5	28	21.7		14	10	12.5	5					12.5	3	2	12.5	
d430	Lifting and carrying objects	27	59	62.5	32	19		30	9	12.5	5		12.5	3			3	2	12.5	
d445	Hand and arm use	26		87.5	32			24		12.5	14			1			3		0	
d450	Walking	67	36	62.5	10	36		8	18	12.5		6	12.5	1			14	4	12.5	
d460	Moving around in different locations	81	59	87.5	7	19		3	7		2	2	12.5				7	2	0	
Chapter 5: Self-care																				
d510	Washing oneself	80			13			5						1			1			
d520	Caring for body parts	82		87.5	11		12.5	5						1			1		0	
d540	Dressing	76			15			5			1			2			1			
d550	Eating			87.5			12.5												0	
d570	Looking after one's health	85.2			10.3			3.5						1			0			
Chapter 6: Domestic life																				
d640	Doing housework	24	64.3	50	35	27.7	12.5	30	4	37.5	10	1					1	3	0	
d660	Assisting others	69			15			11									5			
Chapter 7: Interpersonal interactions and relationships																				
d750	Informal social relationships	90	87	87.5	8	10	12.5	2	2								0	1	0	
d770	Intimate relationships	84	74	75	3.4	16	12.5	5.6	5	12.5	1	2		1			6	2	0	
Chapter 8: Major life areas																				
d845	Acquiring, keeping and terminating a job	33	57	62.5	2	7	12.5	9	7		8	4		3	1	12.5	45	24	12.5	
d850	Remunerative employment	30	57	62.5	5	9	25	6	3		7	6		2			50	25	12.5	
d870	Economic self-efficiency	54	71	87.5	7	7		6	4		5	6				12.5	28	12	0	
Chapter 9: Community, social and civic life																				
d910	Community life	80	72	87.5	10	19		6	6	12.5	2						2	3	0	
d920	Recreation and leisure	61.3	57.3	5	17	22.4	2	12.7	13.4	1	5	4.5		2			2	2.4	0	

Only those limitations or restrictions are included in the table in which there is a limitation or restriction (severity of 1 or higher) in at least 10% of the 88 patients with lymphedema of the upper extremity (U; white colored columns) or at least 10% of the 89 patients with lymphedema of the lower extremity (L; yellow colored columns). The blue colored columns include the data of the eight patients with midline lymphedema (M). 8=not specified; 9=not applicable; C, comorbidity. The numbers for 8, 9 and C are added (Total 8,9,C).

Supplementary Table IV. Percentages of the severity of the barriers and facilitators in the component Environmental factors.

ICF code	Description	0=no barrier facilitator			1=mild barrier facilitator			2=moderate barrier facilitator			3=severe barrier facilitator			4=complete barrier facilitator			Total 8 + 9 + C		
Location		U	L	M	U	L	M	U	L	M	U	L	M	U	L	M	U	L	M
Chapter 1:products and technology																			
e110	Products and substances for personal consumption	53.4	58.4	50	6.8 15	6.6 12.5	12.5 25	3.4 11.3	3 5		1.1 2	1 7.5	0 12.5	1 1	0 2		5	4	0
e115	Products and technology for personal use in daily living	61.3	63.5	62.5	2.7 15	1.5 15	0 12.5	3 3	0 6		0 0	2 1		0 1	0 1		14	10	25
e125	Products and technology for communication	65	80	50	2 10	2.2 3.3		5 6	0 3.5		0 2	1 2	0 12.5	0 1			9	8	37.5
e130	Products and technology for education	45.4		62.5	3.4 3.4			1 3.4			1 1					12.5	41.4		25
e135	Products and technology for employment	53.4	70		2 5.6	0 8		0 1	1 0		1 1	0 1		1 0			35	20	
e140	Products and technology for culture, recreation and sport	69.3	69.6	75	6 6	5.3 6.1		2 2	4 3		1 2	0 3	0 12.5				11.7	9	12.5
e165	Assets	72		37.5	1 1		0 25	2 5			1 0						18		37.5
Chapter 2: Natural environment and human-made changes to environment																			
e210	Physical geography			37.5												12.5 0			50
e225	Climate	41	36	50	20.4 6.6	20 6	25 0	20 2	26 3		2 1	1 1		0 1	12.5 0		7	6	12.5
Chapter 3: Support and relationships																			
e310	Immediate family	32	39.3	25	5 19	2.2 20	0 25	2 23	2.2 23	0 25	2 14	0 10	12.5 12.5	0 2	0 2.2		1	1.1	0
e315	Extended family	67.4	74.2	50	4.3 9.3	2.2 11.6	0 25	0 6	2 1		0 5	0 1					7	8	25
e320	Friends	45	49.7	50	3 24	2.2 29.2	0 25	0 13	1.1 7.8		0 2	0 7.8	0 25	2			0	2.2	0
e325	Acquaintances, peers, colleagues, neighbors and community members	52.2	58.4	62.5	2.2 19	3.4 27	0 25	5 10.2	3.4 5.6	0 12.5	0 8	0 1.1		0 2.2			1.2	1.1	0
e330	People in positions of authority	47	45	62.5	5 5	3 11	0 12.5	2 3	11		1 3	1 1	12.5 0	1 0			33	17	12.5

e355	Health professionals	30	26	25	5 19.3	8 16	0 37.5	1.1 20.4	7 20	12.5 0	2.3 19	0 20	12.5 12.5	0 2	0 2	1	1	0	
Chapter 4: Attitudes																			
e410	Individual attitudes of immediate family members	44	55	37.5	5 18	3.3 12	0 25	6 16	0 21.3		1 7	0 7.3	12.5 37.5	0 1		2	1.1	0	
e415	Individual attitudes of extended family members	70	82	50	7 5	0 7	0 12.5	2 6	1 2		0 2	1 1	0 12.5			8	6	25	
e420	Individual attitudes of friends	57	65	50	5 20	2.2 16.8	0 25	0 8	2.2 7.8		1 8	1 3	0 25	0 1		0	2	0	
e425	Individual attitudes of acquaintances, peers, colleagues, neighbors and community members	66	73	62.5	5 10	3.4 12.4	0 12.5	3 10	4.5 4.5	0 12.5	0 5	0 1.1	0 12.5	0 1		0	1.1	0	
e460	Societal attitudes	76	74.2	62.5	7 9	12.4 3		2 5	6 1.1	0 12.5	1 0		25 0			0	3.4	0	
e465	Social norms, practices and ideologies	81	82	75	5.4 3.4	9 1.1		3.4 3.4	3.4 1.1	0 12.5						3.4	3.4	12.5	
Chapter 5: services, systems and policies																			
e535	Communication services, systems and policies	76	81		2 5	0 6		1 6	0 2		1 0	0 2				9	9		
e570	Social security services, systems and policies	61.4	70	62.5	7 12.6	4.5 3.4	12.5 12.5	1 5	4.5 2		1 1			1 0	1	10	14.6	12.5	
e580	Health services, systems and policies	49.2	45	37.5	9.1 16	7 19	0 37.5	2.3 10	6 10	12.5 0	0 9	0 5		0 1	1 1	0 12.5	3.4	6	0
e585	Education and training services, systems and policies	46.6		50	1.1 2.3			4.5 3.4		12.5 0	1.1 2.3					38.7		37.5	

Only those environmental factors are included in the table that are barriers or facilitators in at least 10% of the 88 patients with lymphedema of the upper extremity (U; white colored columns) or at least 10% of the 89 patients with lymphedema of the lower extremity (L; yellow colored columns). The blue colored columns include the data of the eight patients with midline lymphedema (M). 8=not specified; 9=not applicable; C, comorbidity. The numbers for 8, 9 and C are added (Total 8,9,C).