Attachment 1

Structure and contents of the questionnaire

In Part A demographic data is recorded: age, gender and family status. Please mark with a

X where applicable.

How old are you?

	10-20	21-30	31-40	41-50	51-60	61-70
Age in						
years						
♦ Are you □ r	male or fema	ale?				
♦ you live						
□ alone						
□ in a housel	hold with seve	ral other peo	ple			
♦ Do you have	ve children?					
□ YES, seve	ral 🛛 YES, or	ne 🗆 NO				
 How strong 	ly are you exp	posed to hour	se dust during	g your activitie	es outside the	home (job,
studies, scho	ool etc.)?					
not at all						
hardly						
moderately	/					
□ strongly						
very strong	lly					
Are you allo	ergic to house	dust mites?				
YES, allerge	ologically pro	ven				
□YES, at my	own discretio	n				
□ NO						
			_			

Part B of the questionnaire asks your for your circumstances and characteristics at home. Please mark with YES where applicable.

♦ In your house, there are the following floor coverings:

	Not at all	1%-20%	21%- 40	41%- 60%	61%- 80%	81%- 100%
Carpet (% of overall floor covering)						
Laminate (% of overall floor covering)						

Parquet (% of overall floor			
covering)			
PVC (% of overall floor			
covering)			
Tiles (% of overall floor			
covering)			
Other materials. Please			
describe:			

♦ In your bedroom, there are the following floor coverings:

	Not at all	1%-20%	21%-40	41%- 60%	61%- 80%	81%- 100%
Carpet (% of overall floor covering)						
Laminate (% of overall floor covering)						
Parquet (% of overall floor covering)						
PVC (% of overall floor covering)						
Tiles (% of overall floor covering)						
Other materials. Please describe:						

♦ In your household, there are:

	Not at all	1%-20%	21%-40	41%-60%	61%-80%	81%-100%
Drapes (% of						
household)						
Curtains						
made of						
fabrics (% of						
household)						
Interior roll		_	_	_	_	_
blinds (% of						
household)						

Attachment to: Koburger T, Pitts D, Kramer A. Results of a field study on the influence of HygienicWood mattress toppers on the number of mites in bed dust and the state of health of people with house dust mite allergies. GMS Krankenhaushyg Interdiszip. 2010;5(2):Doc04. DOI: 10.3205/dgkh000147, URN: urn:nbn:de:0183-dgkh0001479 Online freely available from http://www.egms.de/en/journals/dgkh/2010-5/dgkh000147.shtml

♦ In your bedroom, there are:

	Not at all	1%-20%	21%-40	41%-60%	61%-80%	81%-100%
Drapes						
Curtains						
made of						
fabrics						
Interior roll						
blinds						

In your household, there is upholstered furniture:

	Not at all	1%-20%	21%-40	41%-60%	61%-80%	81%-100%
Upholstered						
furniture						
(% of furniture	_	_	_	_	_	_
for sitting or						
sleeping;sofas						
etc.)						

• In your bedroom, there is upholstered furniture:

	Not at all	1%-20%	21%-40	41%-60%	61%-80%	81%-100%
Upholstered						
furniture						
(% of furniture	_	_	_	_	_	_
for sitting or						
sleeping;sofas						
etc.)						

• You have the following pets:

	Not at all	1-2	3-4	5-6	7-8	9-10	More than10
Dog							
Cat							
Mouse							
Rabbit							
Birds							
Other animals:							
please describe in detail:							

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• The animal is or the animals are kept in the house:

not at all

hardly

moderately

□ frequently

□ always

• The animal is or the animals are allowed in the bedroom:

□ not at all

□ hardly

□ moderately

□ frequently

always

In your household, there are cuddle toys:

	Not at all	1-2	3-4	5-6	7-8	9-10	More than10		
Cuddle toys									
♦ In your bedroom, there are cuddle toys:									
	Not at all	1-2	3-4	5-6	7-8	9-10	More than10		
Cuddle toys									
In your household, there are indoor plants:									
	Not at all	1-2	3-4	5-6	7-8	9-10	More than10		
Plants									
♦ In your bedroom, there are indoor plants:									
	Not at all	1-2	3-4	5-6	7-8	9-10	More than10		
Plants									

In your household, there are mould / moisture stains:

□ not at all

□ hardly

□ moderately

□ many

□ very many

In your bedroom, there are mould / moisture stains:

□ not at all

hardly

□ moderately

□ many

very many

In your bedroom, the average humidity is:

- □ high (more than 75%)
- □ medium (between 75% and 55%)
- \square low (less than 55%)
- The average temperature is:

	0° -5° C	6° -10° C	11° -15° C	16° -20° C	21° -25° C	26° -30° C
Inside						
temperature						
bedroom						
Outside						Π
temperature						

• Your sleeping mattress encasing consists of the following materials:

	Not at	1%-20%	21%-	41%-	61%-	81%-
	all	1 /0-20 /0	40%	60%	80%	100%
Cotton (% of encasing)						
Synthetic fibres (% of encasing)						
Other materials. Please						
describe:						

• Your bedcover and pillow consist of the following materials:

	Not at all	1%-20%	21%- 40%	41%- 60%	61%- 80%	81%- 100%
Cotton						
(% of bedding)						
Synthetic fibres			_			
(% of bedding)						
Wool	_	_	_	_	_	_
(% of bedding)						
Other materials. Please						
describe:						

◆ Do you have allergen-tight bed linen? □ YES □ NO

♦ Do you have an allergen-tight encasing? □ YES □ NO

Part C of the questionnaire asks you for your domestic hygiene and cleaning measures. Please mark with YES where applicable.

• The cleaning measures in your household are carried out by:

	Not at all	Hardly	Moderately	Frequently	Always
Yourself					
Others					

• The following cleaning measures are carried out in your household:

	Fewer than 1x per week	1-2x per week	3-5x per week	6-7x per week
Sweep and brush				
Vacuum cleaning				
Wiping the floor				
Dusting surfaces with a duster				
Wipe surfaces with dry cloth				
Wipe surfaces with moist cloth				
Wash drapes and curtains				
♦ You air your bedro	oom:			

	Fewer than 1x per	Daily for a few	Daily for a couple of	Continuous	
	day	minutes	hours	airing	
Air					

+You change your bed linen:

	Fewer	Every 3-4	Every 1-2	Once per	2-3x per	More than
	than	weeks	weeks	week	week	3x per
	every 4					week
	weeks					
Bed linen						

At how many degrees do you wash bed linen?

	0° C-20° C	21° C-40° C	41° C-60° C	61° C-80° C	81° C-100° C			
Washing								
procedure								
bed linen								
♦You wash your bedcover and your pillow:								
,		J						
,	Fewer than	Every 3-4	Every 2-3	Every 1-2	At least 1x			
,			Every 2-3 weeks	Every 1-2 weeks	At least 1x per week			
	Fewer than	Every 3-4	•	•				
Bed cover and	Fewer than every 4	Every 3-4	•	•				

At how many degrees do you wash your bedcover and pillow?

	0° C-20° C	21° C-40° C	41° C-60° C	61° C-80° C	81° C-100° C
Washing					
procedure					
bed linen					
 Your mattress 	is aired:				
□ not at all					
□ rarely					
moderately					
□ frequently					
at temperatur	es under 0° C				

• Do you carry out specific measures against house mites?

	Not at all	Hardly	Moderately	Frequently	Very frequently
Chemical (special cleaning and washing agents)					
Physical (air mattress at temperatures under 0° C)					
Other measures. Please explain:					

Part C of the questionnaire records your status as an allergy sufferer as well as your symptoms, medical condition and measures. Please mark with an **X** where applicable,

How long have you been suffering from house dust mite allergy	?years
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Has the medical condition deteriorated in the course of time?

- not at all
- □ hardly
- moderately
- □ strongly

• This is what the development of your medical condition looks like:

	None	Hardly	Moderately	Strong	Very strong
Spring					
Spring/Summer (Transition time)					
Summer					
Summer/autumn (Transition time)					
Autumn					
Autumn/Winter (Transition time)					
Winter					
Winter/spring (Transition)					

How much does the house dust mite allergy restrict your well-being?

- not at all
- hardly
- moderately
- □ strong

How would you describe your state of health in general?

 \square bad

- □ not so good
- \square good
- $\hfill\square$ very good
- \square excellent

- ◆ Have you had a hyposensitization: □ YES □ NO
- ◆ Are you just doing a hyposensitization: □ YES □ NO
- When do your health problems normally occur?

	Not at all	Hardly	Moderately	Frequently	Very frequently
At night					
When sleeping					
When getting up					
After getting up					
When cleaning or making the beds					
Rest of the day					

How often did you have the following health problems during the past 4 weeks?
(Please mark the medical condition you did not have within this period with a cross in the column "Not at All")

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	Not at all	Fewer than1x per week	1-2x per week	3-4x per week	5-6x per week	Daily
Blocked nose						
Running nose						
Urge to sneeze						
Red-rimmed eyes						
Streaming eyes						
Swollen eyes						
Itching						
Burning						
Red skin						
Coughing						
Shortness of breath						
Bronchial asthma						
Asthmatic attack						
Other health problems.						
Please describe:						

• Did your house dust mite allergy cause problems within the past 4 weeks when:

	Not at all	Hardly	Moderately	Frequently	Very frequently
Falling asleep					
Sleeping through					

◆Do you take medications to relieve allergy symptoms?

	Not at all	Hardly	Moderately	Frequently	Very frequently
Antihistamines					
Glucocorticoids					
Other medications. Please					
describe:					

◆Do you suffer from other allergies, too?

	Not at all	Hardly	Moderately	Strongly	Very strongly
Pollen / grass pollen allergy					
Animal allergy					
Chemicals allergy					
Medication allergy					
Other allergies:					