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## Patient characteristics and frequency of bodily distress syndrome in primary care:

a cross-sectional study

### Abstract

#### Background

Bodily distress syndrome (BDS) is a newly proposed diagnosis of medically unexplained symptoms, which is based on empirical research in primary care.

#### Aim

To estimate the frequency of BDS in primary care and describe the characteristics of patients with BDS.

#### Design and setting

A cross-sectional study of primary care patients in urban and rural areas of Central Denmark Region.

#### Method

Data were obtained from GP one-page registration forms, patient questionnaires (including a checklist for BDS), and national registers.

#### Results

A total of 1356 primary care patients were included, of whom 230 patients (17.0%, 95% confidence intervals [CI] = 15.0 to 19.1) fulfilled the BDS criteria. BDS was more common among primary care patients aged 41–65 years (odds ratio [OR] = 1.9, 95% CI = 1.3 to 3.0) and was equally frequent among males and females (female sex, OR 0.9, 95% CI = 0.6 to 1.3). Patients with BDS were characterised by poor health-related quality of life (HRQOL) on the 12-item Short-Form Health Survey, that is, physical component summary scores <40 (OR 20.5, 95% CI = 12.9 to 32.4) and mental component summary scores <40 (OR 3.5, 95% CI = 2.2 to 5.6). Furthermore, patients with BDS were more likely to have high scores on the Symptom Checklist for anxiety (OR 2.2, 95% CI = 1.4 to 3.4) and depression (OR 5.1, 95% CI = 3.3 to 7.9), but regression analyses showed that mental morbidity did not account for the poor HRQOL.

#### Conclusion

BDS is common among primary care patients, and patients with BDS have a higher probability of poor HRQOL and mental health problems.

#### Keywords

cross-sectional analysis; general practice; signs and symptoms; somatoform disorders.

### INTRODUCTION

GPs play a key role in the detection and management of medically unexplained symptoms (MUS),<sup>1</sup> but the lack of appropriate and accurate diagnostic standards that can identify and delimit moderate-to-severe MUS, or functional disorders, hampers optimal patient management.<sup>2–4</sup> Bodily distress syndrome (BDS) is a newly-proposed diagnosis of functional disorders. BDS has certain advantages compared with existing labels: it is based on empirical research,<sup>3,5,6</sup> it provides needed explanatory models,<sup>7</sup> and, as it is an overarching diagnosis, it may replace the numerous overlapping categories of functional somatic syndromes and somatoform disorders that tend to challenge a GP's decision when selecting the most suitable diagnosis for a patient.

BDS is defined by specific physical symptom patterns<sup>6</sup> comprising four main groups: cardiopulmonary, gastrointestinal, musculoskeletal, and general symptoms.<sup>3</sup> In recent years, BDS has proven useful as a clinical and research diagnosis of functional disorders in specialised settings.<sup>8</sup> The BDS criteria have been included in the current draft of the World Health Organization's *International Classification of Diseases*, 11th revision (ICD-11), although they are still the subject of debate.<sup>7</sup> As epidemiological knowledge of BDS in primary care is lacking, this study aimed to estimate the

frequency and describe the characteristics of patients fulfilling the BDS criteria in general practice.

### METHOD

#### Design and setting

A cross-sectional study was performed with primary care patients in the Central Denmark Region, which has a population of 1 250 000 inhabitants, based on data from one-page forms completed by GPs, patient questionnaires, and nationwide registries.

#### Study participants

All GPs in the Central Denmark Region were invited to participate in the study. Participating and non-participating GPs did not differ with regard to type of practice, whereas more female GPs and fewer GPs with >20 years of practice experience participated. Age and sex distributions were comparable between patients listed with participating and non-participating GPs.<sup>9</sup> The 388 (44.5%) participating GPs registered all patient contacts during one randomly assigned day on one-page forms including information on any chronic disease and the main diagnosis of the index consultation. All diagnoses were coded and categorised according to the *International Classification of Primary Care*, 2nd edition (ICPC-2-R).<sup>9,10</sup> After the consultation, a questionnaire was sent to all identifiable patients aged ≥18 years who had completed a health-

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## How this fits in

GPs play a key role in the detection of medically unexplained symptoms (MUS), but lack accurate diagnostic standards. Bodily distress syndrome (BDS) is a newly proposed diagnosis specifically for moderate-to-severe MUS; that is, functional disorders. This study found that BDS is common among patients in primary care, and that patients with BDS have a higher probability of poor health-related quality of life (HRQOL) and mental health problems. The results support the potential usefulness of BDS as a clinical diagnosis, and the BDS criteria may provide an improved basis for future therapeutic trials and epidemiological studies in primary care.

related consultation with their GP (Figure 1). The study population has previously been described in detail.<sup>5</sup>

## Data collection and included variables

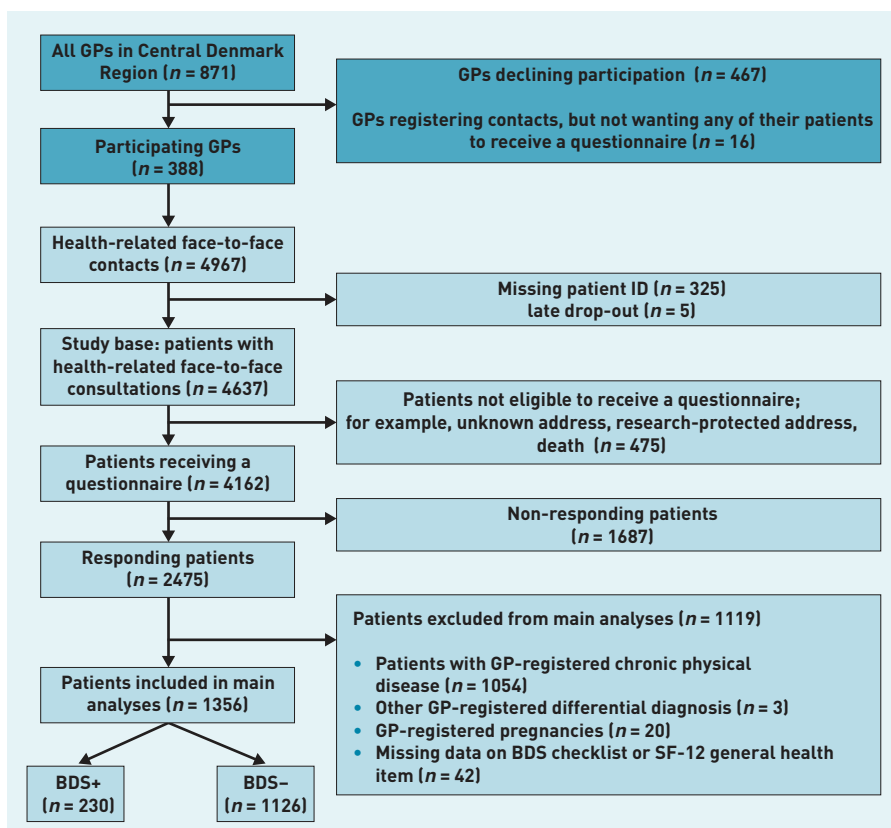
Data on BDS status were obtained from patient questionnaires, that is, the BDS checklist (Appendix 1). A previous validation of the BDS checklist showed that four symptoms from one or more of the BDS symptom groups indicated probable BDS.<sup>5</sup>

The diagnostic criteria for BDS used in this study are shown in Box 1. Information on self-perceived health was obtained from the mental component summary (MCS) score and the physical component summary (PCS) score of the 12-item Short-Form Health Survey, Version 1 (SF-12).<sup>11</sup> Scores for anxiety and depression were obtained from the Symptom Checklist (SCL).<sup>12</sup> On the SCL, anxiety and depression subscales with sum scores of  $\geq 5$  indicated probable anxiety or depression.<sup>12,13</sup> A question was included that addressed patient-perceived long-term physical illness ( $>3$  months within the last 12 months). The questionnaires were processed using TeleForm (version 8.0).

All Danish citizens are registered in the Danish Civil Registration System,<sup>14</sup> with a unique personal identification number, which was used to link each primary care patient accurately to the national registries. From Statistics Denmark,<sup>15</sup> data were obtained on patient socioeconomic status. The Danish National Prescription Registry provided data regarding use of prescription medication sold in any Danish pharmacy.<sup>16</sup> Data were obtained on the use of proton pump inhibitors (PPI) (Anatomical Therapeutic Chemical [ACT]: A02BC) and opioids (ATC: N02A) for the entire year preceding the index consultation. The Danish National Patient Register and the Danish Psychiatric Central Research Register provided data on hospital admissions and outpatient contacts as these two registers hold this information for all patients in Danish hospitals.<sup>17,18</sup> Likewise, numbers of inpatient and outpatient admissions to both general and psychiatric hospitals were obtained. Finally, from the Danish National Health Service Register, which holds information on all patient contacts with primary healthcare providers,<sup>19</sup> data were obtained on face-to-face contacts during the year preceding the index consultation for all included patients. In the case of general practice, physiotherapists, chiropractors, and/or specialised outpatient clinics, it was estimated whether a patient had at least one face-to-face consultation and whether a patient was among the top 10 attenders; that is, among the 10% of patients who most frequently contacted these services. In the case of inpatient hospital admissions, it was estimated whether the patient had at least one admission.

Pregnant women were excluded from the analyses. Patients for whom the BDS algorithm could not be conducted were also excluded. These were patients with missing information on the BDS checklist; patients with missing information regarding

Figure 1. Flowchart of participating GPs and patients in the bodily distress syndrome (BDS) study.



the disability criterion (that is, the general health item of SF-12); and patients for whom differential diagnoses could not be ruled out (that is, patients who received a relevant differential diagnosis other than BDS at the index consultation), and patients with GP-registered chronic physical disease.<sup>13</sup>

Additional analyses were performed on a population consisting of all responders irrespective of comorbidity to examine how these exclusion criteria would affect the result.

### Statistics

Descriptive analyses were performed for all participants and for BDS-positive and BDS-negative patients separately. Categorical data are presented as numbers and percentages, that is, 95% confidence intervals (CIs), while normally distributed continuous data are presented as means, standard deviations (SD), and ranges. The association between BDS and selected patient characteristics was assessed using a logistic regression model.

Crude analyses were performed in addition to a model adjusting for age, sex, education level, marital status, labour market status, depression, and anxiety. Data were analysed using Stata (version 13.0).

### RESULTS

The 388 participating GPs had 4967 face-to-face consultations during the study period. A total of 325 patients were excluded because

of missing information on patient identity and five because of late dropout; 475 patients were registered with an address that was either unknown or protected from research. Thus, a questionnaire was sent to 4162 patients. The questionnaire was completed and returned by 2475 patients (response rate 59%) (Figure 1). After excluding study participants who were pregnant, had chronic diseases, or had insufficient data to perform the BDS algorithm, 1356 patients (mean age = 48.9 years, SD = 16.6, range = 18–95 years) remained for the analyses, of whom 230 patients (17.0%, 95% CI = 15.0 to 19.1) fulfilled the criteria for BDS (Figure 1).

Non-participating patients were more likely to be young, to be living alone, to have fewer years of education, and to be unemployed than participating patients, while the sex distribution was comparable between non-participants and participants (data not shown).

Patients with BDS had poorer self-perceived mental health than patients without BDS, with an average MCS score of 39.1 (SD = 11.2) versus 50.0 (SD = 9.0), and also had poorer physical health, with an average PCS score of 33.6 (SD = 10.1) versus 50.6 (SD = 8.6). In the present study, BDS was equally frequent among males and females (female sex, OR 0.9, 95% CI = 0.6 to 1.3). BDS was more common among patients aged 41–65 years (OR 1.9, 95% CI = 1.3 to 3.0), patients with <10 years of education (OR 1.9, 95% CI = 1.3 to 3.0), patients who were unemployed (OR 5.3, 95% CI = 2.8 to 9.9), and patients receiving disability pension (OR 8.7, 95% CI = 4.7 to 16.1). Patients with BDS were more likely to have self-perceived long-term physical illness (OR 6.8, 95% CI = 4.7 to 9.9) and high SCL scores for anxiety (OR 2.2, 95% CI = 1.4 to 3.4) and depression (OR 5.1, 95% CI = 3.3 to 7.9). Furthermore, patients with BDS were more likely to receive pharmacological treatment with opioids (OR 3.6, 95% CI = 2.2 to 5.7) and PPIs (OR 2.1, 95% CI = 1.3 to 3.3). They also had a higher use of medical services in all types of health care, particularly in general practice (OR 4.3, 95% CI = 1.4 to 13.0) (Table 1).

To examine how the exclusion of patients with GP-reported chronic physical disease would affect the results, additional analyses were performed on the population of all responders irrespective of comorbidity ( $n = 2475$ ). Compared with the population included in the main analyses, this population had a higher mean age of 54.3 years (SD = 17.5), and a larger proportion of patients presented with a

## Box 1. Diagnostic criteria for bodily distress syndrome

**1. During the last 4 weeks,<sup>a</sup> the patient has suffered from at least four symptoms<sup>b</sup> from one or more of the following groups:<sup>c</sup>**

#### *Cardiopulmonary/autonomic arousal*

Palpitations/heart pounding, precordial discomfort, breathlessness without exertion, hyperventilation, hot or cold sweats, dry mouth

#### *Gastrointestinal arousal*

Abdominal pains, frequent loose bowel movements, feeling bloated/full of gas/distended, regurgitations, diarrhoea, nausea, burning sensation in chest or epigastrium

#### *Musculoskeletal tension*

Pains in arms or legs, muscular aches or pains, pains in the joints, feelings of paresis or localised weakness, backache, pain moving from one place to another, unpleasant numbness or tingling sensations

#### *General symptoms*

Concentration difficulties, impairment of memory, excessive fatigue, headache, dizziness

**2. Relevant differential diagnoses have been ruled out, for example, chronic physical disease or other differential diagnosis at index consultation.**

**3. The patient has been disabled by the symptoms, that is, fair or poor health according to the SF-12 global health item.**

<sup>a</sup>Short time frame to reduce the risk of recall bias. <sup>b</sup>Results are based on a bodily distress syndrome questionnaire validation study. <sup>c</sup>Symptom groups are based on empiric results from a large sample of patients from primary care and medical departments.

symptom pattern corresponding with BDS (23.8%, 95% CI = 22.1 to 25.6). These BDS-positive patients had slightly better mental health, slightly poorer physical health, and a higher use of PPI than the BDS-positive patients in the main analyses (data not shown, results statistically significant).

**Table 1. Primary care population characteristics and associations between bodily distress syndrome and selected variables**

	Participants, n	BDS+, n	%	COR	AOR <sup>a</sup>	95% CI
Overall	1356	230	17.0			
<b>Sociodemographic status</b>						
<b>Age, years</b>						
18–40	438	60	13.7	1.0	1.0	Ref
41–65	684	139	20.9	1.6	1.9	1.3 to 3.0
>65	234	31	13.2	1.0	1.5	0.6 to 3.7
<b>Sex</b>						
Male	482	67	13.9	1.0	1.0	Ref
Female	874	163	18.6	1.4	0.9	0.6 to 1.3
<b>Marital status</b>						
Cohabiting	1024	167	16.3	1.0	1.0	Ref
Living alone	330	63	19.1	1.2	0.7	0.4 to 1.0
<b>Education, years</b>						
>15	285	40	14.0	1.0	1.0	Ref
10–15	681	95	14.0	1.0	1.0	0.6 to 1.5
<10	361	86	23.8	1.9	1.9	1.3 to 3.0
<b>Labour market affiliation</b>						
Working	880	115	13.1	1.0	1.0	Ref
Student	65	6	9.2	0.7	0.7	0.3 to 1.8
Unemployed	66	33	50.0	6.7	5.3	2.8 to 9.9
Retirement pension	277	38	13.7	1.1	1.1	0.5 to 2.3
Partial/full disability pension	66	38	57.6	9.0	8.7	4.7 to 16.1
<b>Self-reported health status</b>						
Physical health: SF-12, <sup>b</sup> PCS <40	314	161	51.3	17.6	20.5	12.9 to 32.4
Mental health: SF-12, <sup>b</sup> MCS <40	265	118	44.5	7.6	3.5	2.2 to 5.6
Anxiety: SCL-4 ≥5	272	111	40.8	5.6	2.2	1.4 to 3.4
Depression: SCL-6 ≥5	318	133	41.8	7.1	5.1	3.3 to 7.9
Patient-perceived long-term physical illness <sup>c</sup>	278	128	46.4	8.4	6.8	4.7 to 9.9
<b>Drug treatment</b>						
Opioids	132	52	39.4	3.8	3.6	2.2 to 5.7
Proton pump inhibitors	160	50	31.3	2.6	2.1	1.3 to 3.3
<b>Healthcare use</b>						
General practice	1274	226	17.7	4.2	4.3	1.4 to 13.0
General practice top 10% attenders <sup>d</sup>	123	61	49.6	6.2	4.1	2.5 to 6.6
Specialised outpatient clinics	672	154	23.0	2.4	2.4	1.7 to 3.4
Specialised outpatient clinics top 10% attenders <sup>e</sup>	118	44	37.3	3.4	3.1	1.9 to 5.1
Physiotherapists/chiropractors	316	76	24.3	1.8	1.7	1.2 to 2.4
Physiotherapists and chiropractors top 10% attenders <sup>f</sup>	123	34	27.6	2.0	1.7	1.0 to 2.9
Hospital admissions/inpatient clinics	179	53	29.6	2.4	2.1	1.3 to 3.3

No variable had more than 2.1% missing data, apart from the MCS and PCS scales, which had 6.9% missing data.

<sup>a</sup>Age, sex, education, marital status, labour market status, depression, and anxiety. <sup>b</sup>Summary scores estimated using US scoring algorithms. <sup>c</sup>Item text: 'During the latest 12 months, have you been ill for a long term (that is, >3 months)?'. <sup>d</sup>>12 contacts the year preceding the index consultation. <sup>e</sup>>5 contacts the year preceding the index consultation. <sup>f</sup>>8 contacts the year preceding the index consultation. AOR = adjusted odds ratio. BDS = bodily distress syndrome. COR = crude odds ratio. MCS = mental component summary. PCS = physical component summary. Ref = reference. SCL = Symptom Checklist. SF-12 = 12-item Short-Form Health Survey.

## DISCUSSION

### Summary

BDS was found to be common in primary care for both males and females (frequency = 17%). BDS is particularly common among patients aged 41–65 years, people with impaired mental and physical health status, and patients with limited socioeconomic resources. Patients with BDS had high comorbidity with depression and anxiety, although mental morbidity did not account for their poor health-related quality of life.

### Strengths and limitations

Although all consecutive patients who consulted their GP on the assigned days were contacted, 40% of the patients who received a questionnaire did not respond. The sex distribution was comparable between participants and non-participants, while non-participating patients were younger and had more limited socioeconomic resources than participating patients. It is not known how these latter differences may have affected the estimates of BDS frequency; that is, fewer young participating patients may have caused an overestimation, while fewer participating patients with limited socioeconomic resources may have caused an underestimation.

In the absence of clinical assessment by a physician, which is required for making a clinical diagnosis, patients with GP-reported chronic physical diseases were excluded from the main analyses. This may have improved the specificity, but may also have led to an underestimation of the BDS frequency because a patient with a GP-reported physical disease could also have BDS. Instead of using the global health item of the SF-12, the authors recommend inclusion of specific items focusing on functional impairment (for example, selected items from the World Health Organization Disability Assessment Schedule) in the BDS checklist in future studies. In this way, more valid estimates could be made of the functional impairment resulting from the specific symptom patterns. Nevertheless, the algorithm for case identification used in this study appears suitable for defining a large patient population in need of health care.

Previously translated and validated scales were used, and the questionnaires were pilot tested among primary care patients. In combination with the high-quality register data, this should reduce the risk of information bias.

Physical symptoms are common in

anxiety and depression disorders.<sup>20</sup> By adjusting for these mental disorders in the regression model, it was possible to examine whether the physical symptoms were associated with depression, anxiety, or BDS. The study found that BDS was still markedly associated with impaired health, although attenuated, in the adjusted analyses. However, the cross-sectional nature of the study means it is not possible to make any causal interpretation between BDS, anxiety, and depression.

Finally, the results apply only to primary care waiting-room patients; BDS characteristics remain to be investigated in other population groups; for example, the general population or patients in general hospital settings.

#### Comparison with existing literature

Despite differences in applied methods, the results are consistent with those of Fink and Schröder based on diagnostic interviews (A Schröder, personal communication, 2014).<sup>6</sup> The functional illness in primary care (FIP) study found that 14.8% of patients met the criteria for BDS in a large population from primary care. Other studies from primary care show large variations (12–33%) in the prevalence of functional disorders,<sup>2,21–23</sup> which might be explained by unreliable or diverse diagnostic categories.

Similar to previous studies, the current study found a higher risk of functional disorders among patients with limited socioeconomic resources and among patients aged 41–65 years.<sup>3,24,25</sup> The findings are consistent with results from previous studies on functional disorders regarding high rates of concurrent emotional disorders.<sup>6,24,26–29</sup> Previous studies in the general population have shown that functional disorders are more common among females than males [4:1],<sup>24,27</sup> but the current study cannot confirm this sex difference. The results from previous studies on self-perceived health of patients with functional disorders vary. The studies on fibromyalgia and chronic fatigue syndrome showed a PCS score as low as 26.8 in both studies and MCS scores of 39.1 and 34.1, respectively,<sup>30,31</sup> whereas studies on irritable bowel disease showed higher scores, with

a PCS of 43.5 and an MCS of 45.0.<sup>32</sup> This variation seems to be related to different population mean ages; older populations tend to present lower scores, but may also be affected by different severities of disorders. The mean scores were consistently lower among BDS-positive patients than the mean scores in the general population for several (well defined) chronic conditions, such as diabetes mellitus (PCS = 41.1, MCS = 47.8),<sup>31</sup> osteoarthritis (PCS = 38.6, MCS = 48.0),<sup>31</sup> and multiple sclerosis (PCS = 36.1, MCS = 45.8).<sup>33</sup> The results are in line with the results of Barsky *et al*, who found that patients with functional disorders tended to have a higher use of healthcare services than patients without functional disorders.<sup>34,35</sup> The study also found that patients with BDS were more likely to receive pharmacological treatment with PPIs and opioids, although previous studies have shown that pharmacological treatment of patients with functional disorders has no discernible effect and that no organic findings occur in about 70% of cases of dyspepsia.<sup>36–38</sup> Excessive or unnecessary treatment may also hold a risk of causing iatrogenic harm to the patient.<sup>39</sup>

#### Implications for research and practice

Most of the patients with BDS reported to have self-perceived long-term physical illness, although the GP assessment for these particular patients did not include chronic physical disease. This disagreement between the GP's perception of disease and the patient's experience of illness may indicate that some patients with BDS lack a diagnosis and are not offered appropriate treatment.

Results from this study support the potential usefulness of BDS as a clinical diagnosis because it identifies a group of patients with poor mental and physical health. The BDS criteria may provide an improved and valid basis for future therapeutic trials and epidemiological studies in primary care. However, longitudinal studies are needed to evaluate predictors and risk indicators of BDS and to gain insight into the long-term prognosis of patients with BDS.

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#### Ethical approval

The project was approved by the Danish Data Protection Agency (reference 2009-41-3471) and the Danish Health and Medicines Authority (reference 7-604-04-2/49/EHE). According to Danish law, approval from the ethical committee was not needed.

#### Provenance

Freely submitted; externally peer reviewed.

#### Competing interests

The authors have declared no competing interests.

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## Appendix 1. The 25-item bodily distress syndrome checklist

During the last 4 weeks, have you been bothered by ...	Not at all	A bit	Somewhat	Quite a bit	A lot
<b>Cardiopulmonary/autonomic (arousal) symptoms:</b>					
• Palpitations/heart pounding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Precordial discomfort?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Breathlessness without exertion?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Hyperventilation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Hot or cold sweats?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Dry mouth?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Gastrointestinal symptoms:</b>					
• Frequent loose bowel movements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Abdominal pains?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Feeling bloated/full of gas/distended?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Diarrhoea?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Regurgitations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Nausea?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Burning sensation of the chest or upper part of stomach/epigastrium?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Musculoskeletal symptoms:</b>					
• Pains in arms or legs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Muscular aches or pains?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Pains in the joints?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Feeling of paresis or localised weakness?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Backache?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Pain moving from one place to another?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Unpleasant numbness or tingling sensations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>General symptoms:</b>					
• Concentration difficulties?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Excessive fatigue?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Headache?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Impairment of memory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Dizziness?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>