BRHS 2015 Questionnaire data

Data notes and Questionnaire coding instructions protocol

20015 (Q2015)

Questionnaire method	Self-Administered postal questionnaire
Type of questionnaire	Structured questionnaire with open-ended questions coded using a questionnaire coding protocol
BRHS study time point (Year of follow-up)	35-37 year follow-up
Year	2015
Mailing dates	17/4/2015 - 1/6/2015 with reminders sent at 6 weeks
Age range of sample	74-97
Number of completed questionnaires	1530
Response rate %	66%

BRHS 2015 (Q2015) Questionnaire: Data notes and questionnaire coding instructions protocol

Data notes and coding

Notes on coding inconsistencies, known errors, other data anomalies and additional response codes introduced during the coding stage are made for each affected question. Where possible recommendation on how the data can be treated is given.

Coding of open-ended questions: Responses to open-ended questions were coded (given numerical codes/categorised) using a questionnaire coding instructions protocol.

General coding instructions

Responses of Yes and No
Throughout the questionnaire a "**yes**" response is coded as 1 and a "**no**" response is coded as 2.
1=Yes, 2=No

Missing values
Missing values are left blank and become dots(.) in the data file. See also coding notes for individual questions.

Data notes:
The original data file contained a duplicate record for serial number 226174.
The records were identical except that one record/questionnaire had not been coded.
Therefore, the record which had not been coded was deleted manually.

Known data errors:

BRITISH REGIONAL HEART STUDY
Coding schedule for the 2015 (Q2015) questionnaire

GENERAL

Please code using **red ink**.
If two values given, take lowest (i.e. 3-8, circle 3)
Round down values less than 1, except for alcohol
Yes and no responses are coded as: Yes=1, No=2

Date Received: See the Date stamp at the back of questionnaire. (Questionnaires were stamped as they were received).

Coder	Coder number to be recorded on the front page in box after the study number box.
Coders	1= SA, 2=CB, 3= AM

Q1	**DATES:** please ensure that this is recorded numerically i.e. August =08 Do not change dates

Q2.0m   **Other Heart and Circulation Problems**

    1   Pacemaker
    2   Valve Related
    3   Cardiomyopathy
    9   Other
    Irregular heartbeat = tick 'Atrial Fibrillation'

Q6.1   **CANCER (SEE ICD 9 FOR ADDITIONAL CODES)**
If more than one cancer diagnosis, Enter the first year of diagnosis

165	Respiratory Unspecified	208	Blood Unspecified
162	Trachea, Lung and Bronchus	207	Leukaemia
161	Larynx	208	Lymphoma /CLL
175	Breast		
193	Thyroid	170	Bone all sites
145	Oral (Lip, Salivary glands, Pharynx, Tongue)	171	Connective and other soft tissue
159	Gastrointestinal Unspecified	172	Skin Unspecified / Melanoma (e.g. ear, nose etc-)
150	Oesophagus	172	Rodent Ulcer
151	Stomach		
152	Bowel	190	Eye
153	Colon	191	Brain Tumour
154	Rectum	192	Other Neurological Sites
157	Pancreas	194	Endocrine glands
155	Liver	195	Malignant neoplasms of other and ill-defined sites
159	Spleen		
185	Prostate	239	Neoplasms of unspecified nature
186	Testes	239	Type not known
187	Genito-urinary Unspecified		
188	Bladder		
189	Kidney		

7.0 q   **OTHER MEDICAL CONDITIONS**   Use ICD 9

8.1	**ARTHRITIS**	Fingers and Knuckles = Hands, Toes and Ankles =Feet	
		1 Elbows/ Arms	
		2 Upper Limbs	
		3 Lower Limbs	
		4 Facial (Jaw)	
		5 Other Multi Combination	
		6 Back / Spine	
9.1	**JOINT PAIN, SWELLING OF STIFFNESS**		
		As 8.1 above	
10.1, 10.2	**CHEST PAIN**	If Yes and Unable to walk ticked – code as 4	
11.0, 11.1, 11.2	**BREATHLESSNESS**	If Yes and Unable to walk ticked – code as 4	
13.0	**FALLS & FACTURES**		
13.2	Fear of Falls "several" or "often" =3	Multi ticks, first tick takes priority	
15.0	**EYESIGHT & HEARING**	Multi ticks, <u>FIRST</u> tick takes priority	
17.0	**WEIGHT**	Convert to Kilograms –one decimal place	
18.0	**APPETITE**	Multi ticks, <u>FIRST</u> tick takes priority	
18.1		Reasons for loss of appetite	
		1 To Lose weight	
		2 Low appetite	
		3 Health condition (surgery/ treatment)	
		4 Lack of time	
		5 Financial reasons	
		6 Other	
20.2	**ALCOHOL**	Always take the higher amount	
21.0	**GRIP STRENGTH**	Multi ticks, <u>FIRST</u> tick takes priority	
22.1	**PHYSICAL ACTIVITY**	Always round down nearest half hour 0.5	
22.2		Multi ticks, <u>FIRST</u> tick takes priority	
22.3		Multi ticks, <u>FIRST</u> tick takes priority	
24.0		Multi ticks, <u>FIRST</u> tick takes priority	
24.5	**HEALTH SCALE**	Record estimate	
26.2	**DISABILITY**	Multi ticks, <u>FIRST</u> tick takes priority	
27.1	**ADL**	Multi ticks <u>YES, ONLY IF...</u> takes priority	
28		Multi ticks <u>SOME DIFFICULTY</u> takes priority	
28 r	If words written cross out		
29.1, 29.2	**SLEEP**	Round down to nearest half hour- 0.5	
30		Multi ticks, <u>FIRST</u> tick takes priority	
31.6	**IF TICKED YES & NO**	Take No	
32		Multi ticks, <u>FIRST</u> tick takes priority	
33		Multi ticks, <u>FIRST</u> tick takes priority	
35		Multi ticks, <u>FIRST</u> tick takes priority	
36.0	**ALL** the time/daily	99	
	FEW/ SOME/ MANY hours	1	
37		Multi ticks, <u>FIRST</u> tick takes priority	

40.0 Use British National Formulary (BNF) codes for coding of medicines and ICD 9 codes (3 digits) for reason for taking the medicine in coding boxes on questionnaire.

Coding boxes for BNF codes

1 2 3 4 5 6

Medicine (BNF codes) ☐ ☐ ☐ ☐ ☐ ☐

Reason for taking code as ICD9 (3 digits) ☐ ☐ ☐

Enter **chapter** in coding boxes 1&2,
    section in coding boxes 3&4,
    sub-section coding box 5 and
    further sub-section in coding box 6

Example: A man reports taking warfarin for Atrial fibrillation

Enter **chapter:** in coding boxes 1&2   = 02
    section: in coding boxes 3&4   = 08
    sub-section: coding box 5   = 2
    further sub-section: in coding box 6 = 0

ICD 9 code for Atrial Fibrillation   = 427

➔   0 2 0 8 2 0

                4 2 7

MEDICINES (1-13)

Coded using the British National Formulary (BNF) codes as above.

Cholesterol Lowering Drugs

Statins	02.12.0.1	(Atorvastatin, Fluvastatin, Pravastatin, Rosuvastatin, simvastatin, Statin so described)
Bile acid sequestrants	02.12.0.2	
Ezetimibe	02.12.0.3	
Fibrates	02.12.0.4	
Nicotinic acid group	02.12.0.5	
Omega 3 fatty acid compounds	02.12.0.6	
Local sclerosants	02.12.0.7	

REASON for taking medicine (1-13)

Reason is coded using ICD 9 Codes.
Coded only for Heart related conditions or when Medicine code (BNF code) begins with **02**
CVD & Diabetes Medications take priority.

COMMON ICD CODES

Prevention/ Dr orders	888	Blood Pressure/hypertension	401
Heart related	429	Angina	413
Circulation/ Blood related	459	Heart Attack	410
To thin Blood (anticoagulant)/ blood clots	459	Irregular heartbeat	427
Water/ Fluid Retention Oedema	457	Heart Failure	428
Pain Relief	729	Stroke	436
Leaking Heart valve	396	Diabetes	250
Cholesterol/ Lipids	272	Arthritis	716
Glaucoma	365	TIA	435

Page 20	**General Comments**	1 = if anything recorded otherwise 0
	Date Received	To be entered using date stamp when received