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National Review of Asthma Deaths (NRAD)

B1 Secondary care core data

FOR PATIENTS WHO WERE TREATED IN HOSPITAL IMMEDIATELY PRIOR TO DEATH

V2 300312

ABOUT THE NRAD

The NRAD team at the Royal College of Physicians (RCP) will collect data on all people who have died from asthma in the UK between **1 February 2012 and 31 January 2013**.

The aim of the NRAD is to understand why people of all ages die from asthma so that recommendations can be made to prevent deaths from asthma in the future.

Your support in the completion of this form is extremely important. Participation in national audits and confidential enquiries provides you with high-quality evidence for appraisal, revalidation and continuing professional development (CPD) documentation. The RCP will provide you with a certificate to confirm your participation in this project. Please keep a record of the number of hours you contribute so that we can do this accurately.

PLEASE REFER TO FORM 1 – NOTIFICATION SUMMARY ENCLOSED FOR PATIENT DETAILS.

NRAD CASE ID: __/____ (USE THIS CODE FOR ALL FUTURE CORRESPONDENCE).

HOW TO COMPLETE AND RETURN THIS FORM

- Please read the **Frequently Asked Questions** section on the back of this form before completing.
- Certain sections may not be applicable for all patients. Please read the relevant guidance before completing each question.
- Please **complete all relevant questions**. If you are unable to answer any question, please indicate your reason clearly.
- Please complete the form using the information available in the patient’s notes. Complete all dates in the format DD/MM/YYYY and times using the 24-h clock, eg 18.50.
- If no data are recorded, or the information is missing or not known, please select ‘Not recorded’ or ‘Not known’ as applicable.
- Please **keep a copy of this form for your records**. Return hardcopies of complete forms to the NRAD team:

By email: rachael.davey@nhs.net

By mail (**MUST BE SENT SECURELY AND MARKED AS CONFIDENTIAL**):

NRAD, House 1, Royal College of Physicians,
11 St Andrews Place, London NW1 4LE

If you have any queries about completing or returning this form, please contact the NRAD team via nrad@rcplondon.ac.uk or telephone 020 3075 1500 or 1522.

DETAILS OF PERSON COMPLETING THIS FORM

Name: _____

Job Title/Role: _____

Hospital: _____

Trust: _____

Telephone: _____

Email: _____

Please note that the NRAD project has approval from the National Information Governance Board (NIGB) under Section 251 of the NHS Act (2006) to collect patient identifiable information without consent.

(Approval reference: ECC 8-02(FT2)/2011)

SECTION 1: PATIENT DETAILS

- 1.1 NRAD Case ID: / - - - -
- 1.2 Age: (eg 29 years 11 months) years months Not known
- 1.3 Length of time patient registered with the hospital: Less than 1 year 1–3 years More than 3 years

SECTION 2: PREVIOUS MEDICAL HISTORY AND COMORBIDITIES

- 2.1 Patient had history of atopy: (eg eczema, hay fever, food allergy) Yes No Not recorded
- 2.2 Patient had history of anaphylaxis: Yes No Not recorded
- 2.2.1 If yes, date last prescription for injectable adrenaline: / / (DD/MM/YYYY) Not recorded
- 2.3 Is there a record of any known precipitating or exacerbating factors of this patient's asthma? Yes → [Go to 2.3.1](#) No → [Go to 2.4](#) Not recorded → [Go to 2.4](#)
- 2.3.1 If yes, what were these? (tick all that apply)
- | | |
|---|---|
| <input type="checkbox"/> Food allergy (eg dairy, eggs, nuts, fish) | <input type="checkbox"/> Drugs eg NSAIDs (prescribed or over the counter), aspirin or beta blockers (including eye drops) |
| <input type="checkbox"/> Animal allergy → Go to 2.3.1.1 | <input type="checkbox"/> Exercise |
| <input type="checkbox"/> Hay fever/allergic rhinitis | <input type="checkbox"/> Other, please specify _____ |
| <input type="checkbox"/> Virus infection/URTIs | |
- 2.3.1.1 If yes for animals, please specify
- | | |
|--------------------------------|--|
| <input type="checkbox"/> Cat | <input type="checkbox"/> Dog |
| <input type="checkbox"/> Horse | <input type="checkbox"/> Other, please specify _____ |
- 2.4 COPD: Yes → [Go to 2.4.1](#) No → [Go to 2.5](#) Not recorded → [Go to 2.5](#)
- 2.4.1 If yes, how was COPD diagnosed? Spirometry → [Go to 2.4.1.1](#) Not recorded
- Other, please specify _____
- 2.4.1.1 If spirometry, what was the:
- | | |
|---|---------------------------------------|
| FEV ₁ % predicted <input type="text"/> % | <input type="checkbox"/> Not recorded |
| FEV ₁ /FVC ratio <input type="text"/> % | <input type="checkbox"/> Not recorded |
- 2.5 Evidence of variable airflow obstruction? (ie peak flow or FEV₁ changes before and after treatment at any time, or exposure to triggers like cold air, exercise or pets) Yes No Not recorded
- 2.6 History of eosinophilia: Yes No Not recorded
- 2.7 History of response to asthma treatment: Yes No Not recorded
- 2.8 BMI (latest in the 12 months before death): _____ Not recorded
- 2.9 Any evidence of psychosocial or social factors that may have contributed to the patient's problems: Yes → [Go to 2.9.1](#) No → [Go to 2.10](#) Not recorded → [Go to 2.10](#)
- 2.9.1 If yes, which? (tick all that apply)
- | | |
|--|---|
| <input type="checkbox"/> Depression | <input type="checkbox"/> Drug or alcohol abuse |
| <input type="checkbox"/> Anxiety | <input type="checkbox"/> Deliberate self-harm |
| <input type="checkbox"/> Psychiatric treatment in the last 12 months (ie psychotropic medication, or care by a mental health team) | <input type="checkbox"/> Learning disability |
| | <input type="checkbox"/> Social isolation/lived alone |
| | <input type="checkbox"/> Other, please specify _____ |
- 2.10 Smoking history: Non-smoker → [Go to 2.11](#) Smoker → [Go to 2.10.1](#)
- Ex-smoker (stopped over 12 months ago) → [Go to 2.10.1](#)
- Ex-smoker (stopped in last 12 months) → [Go to 2.10.1](#)
- Not known

2.10.1 If smoker or ex-smoker, number of pack-years: _____
(number of cigarettes/20)*number of years smoked

2.11 Exposure to second-hand smoke: (tick all that apply) Exposed to tobacco smoke in the home Not known
 Exposed to tobacco smoke at work

2.12 Other non-asthma therapy, when started and indication: Yes → Go to 2.12.1 No → Go to 2.13 Not recorded → Go to 2.13

2.12.1 If yes, please give details: (Please list any NSAIDs, analgesics, beta blockers including eye drops) and provide printout of all other non-asthma drugs prescribed in the last 12 months).

Drug	Indication	Date started
_____	_____	__/__/__ (DD/MM/YYYY)
_____	_____	__/__/__ (DD/MM/YYYY)
_____	_____	__/__/__ (DD/MM/YYYY)
_____	_____	__/__/__ (DD/MM/YYYY)
_____	_____	__/__/__ (DD/MM/YYYY)

2.13 Did the patient keep any animals? Yes → Go to 2.13.1 No Not recorded

2.13.1 If yes, please specify: Cat Dog Horse Birds
 Hamster Rabbit Other, please specify _____

If patient was over 18 years, please → Go to section 3

FOR CHILDREN UNDER 18 YEARS ONLY

2.14 Was this child known to social services? Yes No Not known

2.15 Was this child a subject of an existing child protection plan? Yes No Not known

2.16 Please detail any other safeguarding issues you think may be relevant: _____

SECTION 3: ROUTINE ASTHMA APPOINTMENTS

3.1 Patient seen routinely (ie not acute) for asthma in the last 12 months: Yes → Go to 3.1.1 No → Go to 3.2 Not recorded → Go to 3.2
 NA no history of asthma → See FAQ 5

3.1.1 If yes, how many times? _____ Not recorded

3.1.2 Date of last routine consultation for asthma: __/__/__ (DD/MM/YYYY) Not recorded

3.2 How many routine asthma follow-up appointments did this patient miss in the last 12 months: _____ Not recorded

3.2.1 If 1 or more missed appointments, date of last missed appointment: __/__/__ (DD/MM/YYYY) Not recorded

3.2.1.1 Please detail any action taken to try and contact the patient: (tick all that apply) Letter Phone call Nurse/doctor visit
 Other, please specify _____ Not recorded

SECTION 4: ASTHMA HISTORY (See FAQ 5)

4.1 Diagnosis

4.1.1 Date asthma diagnosed: / / (DD/MM/YYYY) Not recorded

4.1.2 How was asthma diagnosed? (tick all that apply)

Clinical history of:

Recurrent symptoms

Variable airflow obstruction

Response to asthma medication

Other, please specify _____

4.2 Severity (Assumption based on the level of treatment required to control the person's asthma)

4.2.1 Severity of asthma in the 12 months prior to death:

Mild (BTS step 1)

No history of asthma

Moderate (BTS step 2–3)

Not known

Severe (BTS step 4–5/ or admission last year or other criteria listed below)

No data/not recorded

Mild On occasional relievers, or no asthma treatment

Severe Prescribed 4 or more **categories*** of asthma drugs OR patient had required hospital admission in last year OR needed oral steroids daily or more than 2 prescriptions for short courses of systemic steroids in the last year

Moderate On regular inhaled asthma treatment and well controlled (ie not fulfilling severe category)

*Categories

1) Short-acting relievers

4) Leukotriene receptor antagonist (LTRA)

2) Inhaled steroids

5) Theophylline/aminophylline

3) Long-acting relievers

6) Regular oral steroid tablets

7) Anti-IGE drug/omalizumab (Xolair)

4.3 Type and ongoing care

4.3.1 Type of asthma: (tick all that apply in categorising this patient's asthma)

Allergic asthma (where there is specific allergic trigger for the patients asthma)

Aspirin-sensitive asthma

Late-onset asthma (adult onset asthma with no previous history)

Occupational asthma

Brittle asthma (Type 1: wide PEF variability (>40% diurnal variation for >50% of the time over a period of >150 days) despite intense therapy. Type 2: sudden severe attacks on a background of apparently well-controlled asthma) (BTS/SIGN definition)

Seasonal asthma

Other, please specify _____

4.3.2 Who cared for this patient's asthma in the 12 months before death? (tick all that apply)

Not known

Respiratory physician

Junior hospital doctor

Nurse consultant (non-respiratory/other)

General physician

GP

Respiratory nurse

Respiratory paediatrician

GP (GPwSI respiratory)

Respiratory nurse (secondary care)

General paediatrician

Practice nurse

Paramedic

Specialist registrar (respiratory)

Practice nurse (with asthma diploma)

A&E consultant

Specialist registrar (not respiratory)

Nurse consultant (respiratory)

Other, please specify _____

4.4 Current medication at the time of death

4.4.1 Short-acting reliever inhalers:

Yes, please specify →

Name: _____

No

Device:

Not recorded

pMDI (pressurised metered-dose inhaler)

DPI (dry powder inhaler)

via Easi-Breathe/Autohaler

Dose: _____ → Go to 4.4.1.1

4.4.1.1 How many prescriptions for short-acting beta agonist inhaler devices were prescribed in the last year? Please specify number of items:

_____ inhalers

Not known

4.4.2 Inhaled steroid inhalers:

Yes → Go to 4.4.2.1

No → Go to 4.4.3

Not recorded → Go to 4.4.3

(single drug, not combination)

4.4.2.1 If yes, please specify:

<input type="checkbox"/> Fluticasone	<input type="checkbox"/> Budesonide	<input type="checkbox"/> Beclomethasone	<input type="checkbox"/> Ciclesonide	<input type="checkbox"/> Mometasone furoate
<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No
Dose: _____µg/day	Dose: _____µg/day	Dose: _____µg/day	Dose: _____µg/day	Dose: _____µg/day
<input type="checkbox"/> via nebuliser	<input type="checkbox"/> via nebuliser	<input type="checkbox"/> via nebuliser	<input type="checkbox"/> via nebuliser	<input type="checkbox"/> via nebuliser
<input type="checkbox"/> If pMDI, via spacer?	<input type="checkbox"/> If pMDI, via spacer?	<input type="checkbox"/> If pMDI, via spacer?	<input type="checkbox"/> If pMDI, via spacer?	<input type="checkbox"/> If pMDI, via spacer?
		<input type="checkbox"/> via Easi-Breathe/Autohaler		

4.4.2.2 How many prescriptions for inhaled steroid inhaler devices were prescribed in the last year? Please specify number of items: _____ inhalers Not known

4.4.3 Inhaled steroid as a combined ICS/LABA preparation:

<input type="checkbox"/> Yes, please specify →	<input type="checkbox"/> Seretide Dose: _____
<input type="checkbox"/> No	<input type="checkbox"/> Symbicort Dose: _____
<input type="checkbox"/> Not recorded	<input type="checkbox"/> Fostair Dose: _____
	<input type="checkbox"/> Other combination, please detail _____
	Dose: _____

4.4.3.1 How many prescriptions for combined ICS/LABA preparation devices were prescribed in the last year? Please specify number of items: _____ inhalers Not known

4.4.4 Long-acting bronchodilators (LABA):

<input type="checkbox"/> Yes, please specify →	<input type="checkbox"/> Salmeterol Dose: _____
<input type="checkbox"/> No	<input type="checkbox"/> Formoterol Dose: _____
<input type="checkbox"/> Not recorded	<input type="checkbox"/> Other combination, please detail _____
	Dose: _____

4.4.5 Xolair (omalizumab):

<input type="checkbox"/> Yes, please specify →	Dose: _____
<input type="checkbox"/> No	
<input type="checkbox"/> Not recorded	

4.4.6 Methotrexate:

<input type="checkbox"/> Yes, please specify →	Dose: _____
<input type="checkbox"/> No	
<input type="checkbox"/> Not recorded	

4.4.7 Patient prescribed a spacer inhaler device: Yes No Not known

4.4.8 Leukotriene receptor antagonist (LTRA):

<input type="checkbox"/> Yes, please specify →	Name: _____
<input type="checkbox"/> No	Dose: _____mg/day
<input type="checkbox"/> Not recorded	

4.4.9 Other oral asthma therapy:

<input type="checkbox"/> Yes → Please specify	<input type="checkbox"/> Theophylline Name: _____ Dose: _____mg/day
<input type="checkbox"/> No	<input type="checkbox"/> Systemic steroids Name: _____ Dose: _____mg/day
<input type="checkbox"/> Not known	<input type="checkbox"/> Oral steroid Name: _____ Dose: _____mg/day

4.4.10 Patient had a nebuliser at home: Yes → Go to 4.4.10 No → Go to 4.5 Not known → Go to 4.5

4.4.10.1 If yes, date last serviced: ___/___/___ (DD/MM/YYYY) Not recorded

4.5 Planned/booked asthma reviews (eg annual asthma check) (including inhaler technique)

4.5.1 Date patient's asthma was last reviewed before death: ___/___/___ (DD/MM/YYYY) Not recorded

4.5.1.1 How was this done? Face to face Not known

By telephone

4.5.2 Who was this by?

Not known

- | | | |
|---|---|---|
| <input type="checkbox"/> Respiratory physician | <input type="checkbox"/> Junior hospital doctor | <input type="checkbox"/> Nurse consultant (non-respiratory/other) |
| <input type="checkbox"/> General physician | <input type="checkbox"/> GP | <input type="checkbox"/> Respiratory nurse |
| <input type="checkbox"/> Respiratory paediatrician | <input type="checkbox"/> GP (GPwSI respiratory) | <input type="checkbox"/> Respiratory nurse (secondary care) |
| <input type="checkbox"/> General paediatrician | <input type="checkbox"/> Practice nurse | <input type="checkbox"/> Other, <i>please specify</i> _____ |
| <input type="checkbox"/> Specialist registrar (respiratory) | <input type="checkbox"/> Practice nurse (with asthma diploma) | |
| <input type="checkbox"/> Specialist registrar (not respiratory) | <input type="checkbox"/> Nurse consultant (respiratory) | |

4.5.3 Please detail the number of times that this patient's asthma was routinely reviewed in the last year (including the final review):

Not known

4.5.4 During the last asthma review there was: *(tick all that apply)*

- | | |
|---|---|
| <input type="checkbox"/> Increased dose of asthma medication | <input type="checkbox"/> A record of an assessment of asthma control (<i>eg using RCP 3Qs, ACT, GINA or another control tool</i>) |
| <input type="checkbox"/> Decreased dose of asthma medication | <input type="checkbox"/> Assessment of the patients adherence to medication |
| <input type="checkbox"/> Issue of an Written Asthma Action Plan* | <input type="checkbox"/> Assessment of smoking status |
| <input type="checkbox"/> Modification of an Written Asthma Action Plan* | <input type="checkbox"/> Other, <i>please specify</i> _____ |
| <input type="checkbox"/> A review of medication | <input type="checkbox"/> Not recorded |
| <input type="checkbox"/> Inhaler technique checked | |

*Outlining features of worsening asthma and advice about action for the patient to take (*eg increase medication, take oral steroids*)

4.6 Written Asthma Action Plan (*ie outlining features of worsening asthma and advice about action for the patient to take, eg increase medication, take oral steroids*)

4.6.1 Patient been provided with a Written Asthma Action Plan:

Yes → [Go to 4.6.1.1](#) No → [Go to 4.6.2](#) Not recorded → [Go to 4.6.2](#)

4.6.1.1 If yes, date plan first issued:

__/__/____ (DD/MM/YYYY)

Not recorded

4.6.2 Date asthma plan last updated:

__/__/____ (DD/MM/YYYY)

Not recorded

4.6.3 Patient adhered to management suggestions:

- | | |
|---|---|
| <input type="checkbox"/> Very well | <input type="checkbox"/> No history of asthma |
| <input type="checkbox"/> Adequately | <input type="checkbox"/> No data/not recorded |
| <input type="checkbox"/> Poorly → Go to 4.6.3.1 | |

4.6.3.1 If the patient's adherence to management was poor, were reasons for this addressed with the patient?

Yes No Not recorded

Comments: _____

4.7 Peak expiratory flow (PEF)/spirometry readings

4.7.1 Record of PEF measurement in the last year:

Yes → [Go to 4.7.1.1](#) No → [Go to 4.7.2](#) Not known → [Go to 4.7.2](#)

4.7.1.1 If yes, over the last year, highest and lowest PEF readings and variability last time it was measured:

Highest: ___ l/min Lowest: ___ l/min ___ %

Not recorded

4.7.2 Record of spirometry performed on this patient in the last year:

Yes → [Go to 4.7.2.1](#) No → [Go to 4.8](#) Not known → [Go to 4.8](#)

4.7.2.1 If yes, what was the highest % predicted FEV₁ and what was the FEV₁ variability?

Highest: ___% pred FEV₁

Highest: ___ l/min Lowest: ___ l/min ___ %

Not recorded

4.8 Inhaler technique

4.8.1 Inhaler technique checked in the 12 months before death:

Yes → [Go to 4.8.1.1](#) N/A – not using inhalers
 No No data/not recorded

4.8.1.1 If yes, was this thought to be:

Good

Poor → [Go to 4.8.1.1.1](#)

Initially poor, but improved
with education

No data/not recorded

4.8.1.1.1 If inhaler technique was poor,

(i) was different inhaler prescribed, or

Yes No

Not known

(ii) was patient taught to use their original inhaler?

Yes No

Not known

4.9 History

4.9.1 Was this patient ever admitted to hospital for asthma before the fatal attack (excluding fatal attack)?

Yes → [Go to 4.9.1.1](#) No → [Go to 4.9.2](#) Not known → [Go to 4.9.2](#)

4.9.1.1 If yes, number of times: _____

Comments: _____

4.9.1.2 Date of last admission to hospital: _____

____/____/____ (DD/MM/YYYY)

Not recorded

4.9.2 Was this patient ever admitted to ICU owing to asthma?

Yes No

Not known

4.9.2.1 If yes, number of times: _____

4.9.2.2 Date of last admission to ICU: _____

____/____/____ (DD/MM/YYYY)

Not recorded

4.9.3 Was this patient ever ventilated?

Yes → [Go to 4.9.3.1](#) No → [Go to 5](#) Not known → [Go to 5](#)

4.9.3.1 If yes, number of times: _____

4.9.3.2 Date last ventilated: _____

____/____/____ (DD/MM/YYYY)

Not recorded

4.9.4 In the 12 months before death, how many times did the patient attend the A&E (ED) department for asthma?

_____ times

SECTION 5: THE 'FINAL ATTACK' – SECONDARY CARE (for patients who died in hospital, including prison) (See FAQ 4)

5.1 Circumstances of death

5.1.1 During the final attack the patient died before any medical treatment could be administered:

Yes Yes, but the patient tried to get help
 No No data/not recorded

5.1.2 Patient had been treated for another asthma attack in the month before death?

Yes → [Go to 5.1.2.1](#) No → [Go to 5.1.3](#) Not known → [Go to 5.1.3](#)

5.1.2.1 If yes, was this:

(tick all that apply and enter start dates of attacks)

In primary care _____/____/____ (DD/MM/YYYY)

As a hospital inpatient _____/____/____ (DD/MM/YYYY)

In an emergency unit/urgent care centre _____/____/____ (DD/MM/YYYY)

By the patient/family (self-treatment) _____/____/____ (DD/MM/YYYY)

5.1.3 If treatment for the previous attack was NOT in this hospital, please give details of where this treatment took place and when:

Name of institution: _____

Postcode: _____/____

Date: _____/____/____ (DD/MM/YYYY)

5.1.3.1 Address of where treatment took place: _____

5.1.4 Any atypical features surrounding death to suggest anaphylaxis:

Sudden death Stridor Urticaria
 Angioedema History of food allergy resulting in anaphylaxis
 Other, please specify _____

5.1.4.1 What was the history/atypical feature? _____

5.1.4.2 Was a sample taken for mast cell tryptase?

Yes → Go to 5.1.4.2 No → Go to 5.2 Not known → Go to 5.2

5.1.4.2.1 If yes, what was the result? _____

5.2 Date/time

5.2.1 Patient was treated in primary care for the final attack:

Yes → Go to 5.2.2 No → Go to 5.3 Not known → Go to 5.3

IF THE PATIENT WAS INITIALLY TREATED IN PRIMARY CARE FOR THIS ATTACK:

5.2.2 Date of onset of symptoms:

(cough, wheeze, shortness of breath)

__/__/____ (DD/MM/YYYY)

Not recorded

5.2.3 Time of onset of symptoms:

(cough, wheeze, shortness of breath)

__:__ (24-h clock)

Not recorded

5.3 Events leading up to attack

5.3.1 Were there any possible precipitating or exacerbating factors in the final attack?

Yes → Go to 5.3.1.1 No → Go to 5.3.2 Not known → Go to 5.3.2

5.3.1.1 If yes, what? (tick all that apply)

Food allergy (eg dairy, eggs, nuts, fish)

Animal allergy

Hay fever/allergic rhinitis

Virus infection/URTIs

Drugs eg NSAIDS (prescribed or over the counter)

Exercise

Other, please specify _____

5.3.2 How many puffs of a rescue inhaler did the patient take in the 24 hours before death?

___ puffs

Not known

5.3.3 Patient implemented their Personal Asthma Action Plan:

Yes

No

Did not have a plan

Not known

5.4 Timings of getting to medical help

5.4.1 What medical assistance was called for? (tick all that apply)

Ambulance

Called GP and was advised to go to hospital

Called NHS Direct/NHS 24

Went to GP surgery

Called GP, but no appointment issued

Teacher

School nurse

Other, please specify _____

Not known

5.4.1.1 If help was called, time:

__:__ (24-h clock)

Not recorded

5.4.2 Patient taken to hospital:

Yes → Go to 5.3.1.1 No → Go to 5.3.2 Not known → Go to 5.3.2

5.4.2.1 Route for referral to this hospital:

999 ambulance service

Self/parental referral

Telephone advice – NHS Direct

GP surgery

GP assessment unit

Minor injury unit, please specify _____

Other hospital, please specify _____

Other, please specify _____

Not known

5.4.2.2 Time of arrival to hospital:

__:__ (24-h clock)

Not recorded

5.4.2.3 Mode of arrival to this hospital:

Road ambulance

Private transport

Taxi

Public transport

On foot

Other, please specify _____

Not known

5.4.3 Date and time first seen by health professional after onset of symptoms:

__/__/____ (DD/MM/YYYY)

Not recorded

__:__ (24-h clock)

Not recorded

5.4.4 First professional(s) to see patient after onset of symptoms: (tick all that apply)

Not known

- | | | |
|---|---|---|
| <input type="checkbox"/> Respiratory physician | <input type="checkbox"/> Junior hospital doctor | <input type="checkbox"/> Nurse consultant (non-respiratory/other) |
| <input type="checkbox"/> General physician | <input type="checkbox"/> GP | <input type="checkbox"/> Respiratory nurse |
| <input type="checkbox"/> Respiratory paediatrician | <input type="checkbox"/> GP (GPwSI Respiratory) | <input type="checkbox"/> Respiratory nurse (secondary care) |
| <input type="checkbox"/> General paediatrician | <input type="checkbox"/> Practice nurse | <input type="checkbox"/> Paramedic |
| <input type="checkbox"/> Specialist registrar (respiratory) | <input type="checkbox"/> Practice nurse (with asthma diploma) | <input type="checkbox"/> A&E consultant |
| <input type="checkbox"/> Specialist registrar (not respiratory) | <input type="checkbox"/> Nurse consultant (respiratory) | <input type="checkbox"/> Other, please specify _____ |

5.4.5 Was resuscitation attempted?

Out-of-hospital (tick if yes)

In-hospital (tick if yes)

If yes, resuscitation was attempted by:

If yes, resuscitation was attempted by:

Bystander

Bystander

Family member

Family member

Paramedic

Paramedic

Doctor/nurse

Doctor/nurse

5.5 Classification of this attack

5.5.1 In the records, the fatal attack was originally classified as:

- | | | |
|---|--|--|
| <input type="checkbox"/> Near fatal (as defined in the BTS/SIGN Guidelines) | <input type="checkbox"/> Brittle (Type 1: wide PEF variability (>40% diurnal variation for >50% of the time over a period of >150 days) despite intense therapy. Type 2: sudden severe attacks on a background of apparently well-controlled asthma) (BTS/SIGN definition) | <input type="checkbox"/> Moderate exacerbation |
| <input type="checkbox"/> Life threatening (as defined in the BTS/SIGN Guidelines) | | <input type="checkbox"/> Mild exacerbation |
| <input type="checkbox"/> Acute severe (as defined in the BTS/SIGN Guidelines) | | <input type="checkbox"/> No data/not recorded in medical records |

5.6 Management – final attack assessments

Please complete this section in as much detail as possible. (For the times the patient was assessed, please detail the first four and the final assessments from the start of this patient's assessment until the last known assessment before the patient died). (Please provide copies of any reports (eg SEAs, SUIs, audit reports))

Tick which apply	<input type="checkbox"/> Initial treatment	<input type="checkbox"/> Reassessment (1)	<input type="checkbox"/> Reassessment (2)	<input type="checkbox"/> Reassessment (3)	<input type="checkbox"/> Final assessment before death
5.6.1 Dates/times (DD/MM/YY)/24-h clock	Date __/__/____ Time __:__:__ <input type="checkbox"/> Not known	Date __/__/____ Time __:__:__ <input type="checkbox"/> Not known	Date __/__/____ Time __:__:__ <input type="checkbox"/> Not known	Date __/__/____ Time __:__:__ <input type="checkbox"/> Not known	Date __/__/____ Time __:__:__ <input type="checkbox"/> Not known
5.6.2 Confusion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.3 Level of consciousness	GCS scale __ (1–15) <input type="checkbox"/> Alert <input type="checkbox"/> Drowsy <input type="checkbox"/> Semi-conscious <input type="checkbox"/> Unconscious <input type="checkbox"/> Not recorded	GCS scale __ (1–15) <input type="checkbox"/> Alert <input type="checkbox"/> Drowsy <input type="checkbox"/> Semi-conscious <input type="checkbox"/> Unconscious <input type="checkbox"/> Not recorded	GCS Scale __ (1–15) <input type="checkbox"/> Alert <input type="checkbox"/> Drowsy <input type="checkbox"/> Semi-conscious <input type="checkbox"/> Unconscious <input type="checkbox"/> Not recorded	GCS scale __ (1–15) <input type="checkbox"/> Alert <input type="checkbox"/> Drowsy <input type="checkbox"/> Semi-conscious <input type="checkbox"/> Unconscious <input type="checkbox"/> Not recorded	GCS scale __ (1–15) <input type="checkbox"/> Alert <input type="checkbox"/> Drowsy <input type="checkbox"/> Semi-conscious <input type="checkbox"/> Unconscious <input type="checkbox"/> Not recorded
5.6.4 Exhaustion	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known

5.6.5 Speech	<input type="checkbox"/> Normal <input type="checkbox"/> Short sentences <input type="checkbox"/> Single words <input type="checkbox"/> Unable to talk <input type="checkbox"/> Not recorded	<input type="checkbox"/> Normal <input type="checkbox"/> Short sentences <input type="checkbox"/> Single words <input type="checkbox"/> Unable to talk <input type="checkbox"/> Not recorded	<input type="checkbox"/> Normal <input type="checkbox"/> Short sentences <input type="checkbox"/> Single words <input type="checkbox"/> Unable to talk <input type="checkbox"/> Not recorded	<input type="checkbox"/> Normal <input type="checkbox"/> Short sentences <input type="checkbox"/> Single words <input type="checkbox"/> Unable to talk <input type="checkbox"/> Not recorded	<input type="checkbox"/> Normal <input type="checkbox"/> Short sentences <input type="checkbox"/> Single words <input type="checkbox"/> Unable to talk <input type="checkbox"/> Not recorded
5.6.6 Signs					
	Initial treatment	Reassessment (1)	Reassessment (2)	Reassessment (3)	Final assessment before death
5.6.6.1 Pulse rate	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known
5.6.6.2 Respiratory rate	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known	___/min <input type="checkbox"/> Not known
5.6.6.3 PEF	___l/min ___% best <input type="checkbox"/> Not known	___l/min ___% best <input type="checkbox"/> Not known	___l/min ___% best <input type="checkbox"/> Not known	___l/min ___% best <input type="checkbox"/> Not known	___l/min ___% best <input type="checkbox"/> Not known
5.6.6.4 SpO₂ pulse oximetry	___% <input type="checkbox"/> Not known	___% <input type="checkbox"/> Not known	___% <input type="checkbox"/> Not known	___% <input type="checkbox"/> Not known	___% <input type="checkbox"/> Not known
5.6.6.5 PaO₂	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known
5.6.6.6 PaCO₂	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known	___kPa <input type="checkbox"/> Not known
5.6.6.7 Serum potassium	___mmol/l <input type="checkbox"/> Not known	___mmol/l <input type="checkbox"/> Not known	___mmol/l <input type="checkbox"/> Not known	___mmol/l <input type="checkbox"/> Not known	___mmol/l <input type="checkbox"/> Not known
5.6.6.8 pH	___ <input type="checkbox"/> Not known	___ <input type="checkbox"/> Not known	___ <input type="checkbox"/> Not known	___ <input type="checkbox"/> Not known	___ <input type="checkbox"/> Not known
5.6.6.9 Blood pressure	___Syst/ ___Diast <input type="checkbox"/> Not known	___Syst/ ___Diast <input type="checkbox"/> Not known	___Syst/ ___Diast <input type="checkbox"/> Not known	___Syst/ ___Diast <input type="checkbox"/> Not known	___Syst/ ___Diast <input type="checkbox"/> Not known
5.6.6.10 Spirometry done	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.6.10.1 If spirometry was done, what was the FEV% predicted?	___% Pred. <input type="checkbox"/> Not known	___% Pred. <input type="checkbox"/> Not known	___% Pred. <input type="checkbox"/> Not known	___% Pred. <input type="checkbox"/> Not known	___% Pred. <input type="checkbox"/> Not known
5.6.6.11 Chest X-ray	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.6.11.1 If yes, describe	<input type="checkbox"/> Normal <input type="checkbox"/> Pneumothorax <input type="checkbox"/> Consolidation <input type="checkbox"/> Lobar collapse <input type="checkbox"/> Other Specify _____	<input type="checkbox"/> Normal <input type="checkbox"/> Pneumothorax <input type="checkbox"/> Consolidation <input type="checkbox"/> Lobar collapse <input type="checkbox"/> Other Specify _____	<input type="checkbox"/> Normal <input type="checkbox"/> Pneumothorax <input type="checkbox"/> Consolidation <input type="checkbox"/> Lobar collapse <input type="checkbox"/> Other Specify _____	<input type="checkbox"/> Normal <input type="checkbox"/> Pneumothorax <input type="checkbox"/> Consolidation <input type="checkbox"/> Lobar collapse <input type="checkbox"/> Other Specify _____	<input type="checkbox"/> Normal <input type="checkbox"/> Pneumothorax <input type="checkbox"/> Consolidation <input type="checkbox"/> Lobar collapse <input type="checkbox"/> Other Specify _____

5.6.6.12 Examination					
	<input type="checkbox"/> Initial treatment	<input type="checkbox"/> Reassessment (1)	<input type="checkbox"/> Reassessment (2)	<input type="checkbox"/> Reassessment (3)	<input type="checkbox"/> Final assessment before death
5.6.6.12.1 Wheezing	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.6.12.2 Cyanosis	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.6.12.3 Pathological Arrhythmia	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.6.12.4 Use of accessory muscles	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.6.12.5 Normal chest examination	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known
5.6.6.12.6 Silent chest	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not known

5.7 Management – final attack (drugs) (Please provide copies of any reports (eg SEAs, SUIs, audit reports))

5.7.1 Patient was administered a short-acting beta agonist bronchodilator: Yes → [Go to 5.7.1.1](#) No → [Go to 5.7.2](#) Not known → [Go to 5.7.2](#)

5.7.1.1 If yes, first dose at: / / (DD/MM/YYYY)
 : (24-h clock) Not known

5.7.1.2 Please state the route of administration: *(tick all that apply)*
 Spacer inhaler plus pMDI Nebuliser (air driven)
 Nebuliser (oxygen driven) Dry powder inhalers (DPI)
 pMDI alone(*pMDI=pressurised metered-dose inhaler)

5.7.1.3 Drug name and the dose:
 Salbutamol (eg Ventolin) Terbutaline (eg Bricanyl)
 Other, *please specify* _____
Dose: _____µg

5.7.1.4 Was this continuous? Yes No Not known

5.7.2 Patient administered an antimuscarinic bronchodilator eg ipratropium bromide (Atrovent): Yes → [Go to 5.7.2.1](#) No → [Go to 5.7.3](#) Not known → [Go to 5.7.3](#)

5.7.2.1 If yes, first dose at: / / (DD/MM/YYYY)
 : (24-h clock) Not known

5.7.2.2 Please state the route of administration: *(tick all that apply)*
 Spacer inhaler plus pMDI Nebuliser (air driven)
 Nebuliser (oxygen driven) Dry powder inhalers (DPI)
 pMDI alone(* pMDI= pressurised metered dose inhaler)

5.7.2.3 Drug name and the dose:
 Ipratropium bromide
Dose: _____µg/mg _____

5.7.3 Patient administered systemic steroids (including oral or IV): Yes → [Go to 5.7.3.1](#) No → [Go to 5.7.4](#) Not known → [Go to 5.7.4](#)

5.7.3.1 If yes, first dose at: Yes → [Go to 5.7.3.1](#) No → [Go to 5.7.4](#) Not known → [Go to 5.7.4](#)

___/___/___ (DD/MM/YYYY)
 __:___ (24-h clock) Not known

5.7.3.2 Please state the route of administration: Oral tablets Dispersible tablets
(tick all that apply) Systemic injection

5.7.3.3 Drug name and the dose: Drug: _____
 Dose: _____

5.7.4 Patient administered oxygen: Yes → [Go to 5.7.4.1](#) No → [Go to 5.7.5](#) Not known → [Go to 5.7.5](#)

5.7.4.1 If yes, first dose at: Yes → [Go to 5.7.4.1](#) No → [Go to 5.7.5](#) Not known → [Go to 5.7.5](#)

___/___/___ (DD/MM/YYYY)
 __:___ (24-h clock) Not known

5.7.4.2 Flow rate: _____l/min Not known

5.7.4.3 Concentration: _____% Not known

5.7.4.4 Device: Nasal speculum Mask
 Type of mask: _____

5.7.5 Patient administered adrenaline: Yes → [Go to 5.7.5.1](#) No → [Go to 5.7.6](#) Not known → [Go to 5.7.6](#)

5.7.5.1 If yes, first dose at: Yes → [Go to 5.7.5.1](#) No → [Go to 5.7.6](#) Not known → [Go to 5.7.6](#)

___/___/___ (DD/MM/YYYY)
 __:___ (24-h clock) Not known

5.7.5.1 Dose and route of administration:

Auto-injector (by health professional or carer) Dose: _____ Intravenous Dose: _____
 Intramuscular Dose: _____ Self administered auto-injector Dose: _____
 Other, please specify _____ Dose: _____

5.7.6 Patient administered intravenous aminophylline Yes → [Go to 5.7.6.1](#) No → [Go to 5.7.7](#) Not known → [Go to 5.7.7](#)

5.7.6.1 If yes, first dose at Yes → [Go to 5.7.6.1](#) No → [Go to 5.7.7](#) Not known → [Go to 5.7.7](#)

___/___/___ (DD/MM/YYYY)
 __:___ (24-h clock) Not known

5.7.7 Patient administered a leukotriene receptor antagonist: Yes → [Go to 5.7.7.1](#) No → [Go to 5.7.8](#) Not known → [Go to 5.7.8](#)

5.7.7.1 If yes, first dose at: Yes → [Go to 5.7.7.1](#) No → [Go to 5.7.8](#) Not known → [Go to 5.7.8](#)

___/___/___ (DD/MM/YYYY)
 __:___ (24-hr clock) Not known

5.7.8 Patient administered any intravenous fluids: Yes → [Go to 5.7.8.1](#) No → [Go to 5.7.9](#) Not known → [Go to 5.7.9](#)

5.7.8.1 If yes, first dose at: Yes → [Go to 5.7.8.1](#) No → [Go to 5.7.9](#) Not known → [Go to 5.7.9](#)

___/___/___ (DD/MM/YYYY)
 __:___ (24-h clock) Not known

5.7.9 Patient administered magnesium (Mg): Yes → [Go to 5.7.9.1](#) No → [Go to 5.7.10](#) Not known → [Go to 5.7.10](#)

5.7.9.1 If yes, first dose at: Yes → [Go to 5.7.9.1](#) No → [Go to 5.7.10](#) Not known → [Go to 5.7.10](#)

___/___/___ (DD/MM/YYYY)
 __:___ (24-h clock) Not known

5.7.9.2 Was the Mg repeated? Yes No Not known

5.7.10 Assisted ventilation initiated:

Yes → [Go to 5.7.10.1](#) No

Not known

5.7.10.1 If yes, was this:

NIV CPAP Intubation

5.7.10.2 Was the patient mechanically ventilated?

Yes No

Not known

Additional space for further information (please indicate which question number you are referring to)
Please include copies of any reports/audits/significant event analyses that resulted from this death

PLEASE PHOTOCOPY THIS FORM AND KEEP A COPY FOR YOUR RECORDS BEFORE RETURNING TO THE NARD OFFICE AT THE RCP. POSTAL/EMAIL DETAILS CAN BE FOUND AT THE FRONT OF THIS FORM.

FREQUENTLY ASKED QUESTIONS

1. What are the case inclusion criteria?

The NRAD are being notified by clinicians and the Office for National Statistics (ONS) and the National Records of Scotland (NRS) as per the inclusion criteria below. Every death from asthma in the UK meeting the inclusion criteria below during the 1-year study period (**1 February 2012 to 31 January 2013**) will be included:

- Death certified as being due to asthma (ICD-10 J45–J46) in **Part I** of the Medical Certificate of Cause of Death (MCCD)
- Post-mortem diagnosis of asthma as cause of death
- Clinical diagnosis of asthma as the probable cause of death
- Death certified as being due to anaphylaxis (ICD-10 T78.2)

Additional inclusion criteria (data obtained the ONS or NRS)

- ONS classification of asthma as underlying cause of death (ICD-10 J45–J46) OR
- ONS classification of anaphylaxis as underlying cause of death

2. Why have I been asked to complete information on this patient when asthma only appeared in Part II of the death certificate?

ONS/NRS use information from both Parts I and II of the death certificate to assign the underlying cause of death code (ICD-10U) (see examples below). ONS/NRS use information from both Parts I and II of the death certificate to assign the underlying cause of death code (ICD-10U) (see examples below) as per the WHO mortality coding rules set out in volume 2 of the ICD-10 instruction manual. A pdf version of the 2010 manual is available at http://www.who.int/classifications/icd/ICD10Volume2_en_2010.pdf.

As the underlying cause of death has been coded as asthma (J459), this patient has met one of the inclusion criteria for the project and therefore further information is required.

Example 1:

Information provided on death certificate:

- 1a Severe bronchopneumonia
2 Severe aortic stenosis, CCF (congestive cardiac failure), renal failure, asthma

ICD-10 coding from the ONS:

ICD-10U	ICD-10	ICD-10	ICD-10	ICD-10	ICD-10
J459	J180	I350	I500	N19	J459

Example 2:

Information provided on death certificate:

- 1a Old age
2 Asthma, vascular dementia

ICD-10 coding from the ONS:

ICD-10U	ICD-10	ICD-10	ICD-10
J459	R54	J459	F019

3. I really don't think asthma was the cause of death – do I still need to complete the forms?

Yes please – as one of the purposes of the project is to assess the reliability of diagnosis of asthma as cause of death, we'd like to be able to have as much information as possible for our confidential enquiry panel assessors to decide why the underlying cause of death code of asthma was assigned to this patient. Please therefore do the following.

- Indicate the likelihood of asthma being, or contributing to, the cause of death in the relevant sections of Form 1 and complete as much detail as you have on the forms we sent you as possible.
- Please *send copies of consultation records/correspondence/all prescriptions* for the last year, and detail any medication the patient was on at the time of death as per the enclosed '*checklist of documentation required*'. In particular, we are interested in whether the asthma treatment was modified as part of the treatment for other morbidities, such as pneumonia.

4. What if the patient did not have a 'fatal attack'?

We have assumed that, if asthma has been determined as a possible underlying cause of death, then asthma was implicated in the death. *Please detail the most recent asthma attack* the patient had before death. This may have been recorded as an exacerbation or an 'episode of uncontrolled asthma'. For the purposes of this work, we are assuming that asthma attacks in the 4 weeks before death may be relevant to our enquiry. So please detail as much as you can on the forms and provide more in the free-text section at the end of the forms.

5. What if I don't think the patient had asthma in the first place?

If asthma has been considered as a possible cause of death on the certificate, we assume that someone considered the patient had asthma. We also assume that the person had been treated with asthma medication. So we will need details of *copies of consultation records/correspondence/all prescriptions* for the 12 months leading up to the death, and as much detail on the forms as possible. Many patients who are treated with asthma medication do not have a formal diagnosis entered in their records and this is clearly relevant to our work, so please do complete the forms in as much detail as you are able.

6. What if I am unable to complete certain sections of the form owing to lack of information?

Please complete as many sections as you can with the information you have available to you. Please also return as much of the other information required as per the enclosed checklist of documentation required.

7. Do I need to anonymise the notes?

No, you do not need to anonymise the notes prior to returning them to us –the NRAD team will be anonymising all case notes returned. It is essential that, during the preparation of case notes, all staff identifiers are removed BUT the designation is retained or, where missing, added. Therefore, please ensure that all staff identified in the notes are entered on this list with their designation at time of care given, where possible.

8. I am a clinician in a hospital – do I also have to contact the GP for any details I'm not sure of?

No, you do not need to contact the GP. We have made contact with the patient's GP requesting the relevant information. In the event that we are unable to obtain details of who was the patient's GP, we may contact you to ask for the contact details.

9. I am from a care home – what do I need to do with this information?

Please pass the enclosed information to the doctor(s) or (the relevant clinical staff member) who cared for this patient to complete the relevant data collection forms.

10. Is completion of these forms mandatory?

It is not mandatory, however:

- the NRAD is a National Audit and a National Confidential Enquiry
- the NRAD is now part of the Quality Accounts (2012/2013) and therefore we encourage trusts to participate as part of this
- participation in national audit and confidential enquiries is also detailed as one of the requirements by the General Medical Council in its document 'Good Medical Practice' (Para 14, items g and c) for maintaining and improving performance: *'You must work collaboratively with colleagues and patients to maintain and improve the quality of your work and promote patient safety. In particular, you must contribute to confidential enquiries and adverse event recognition and reporting, to help reduce risk to patients'*.
- the NRAD is a project commissioned by the Department of Health and has the support of a number of professional and lay organisations (including the RCGP). Please see the full list at www.rcplondon.ac.uk/nrad