



National Review of Asthma Deaths (NRAD) A1 Primary care core data and organisational questions

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 that 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 to 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 copies 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 020 3075 1522.

DETAILS OF PERSON COMPLETING THIS FORM

Name: _____

PCT: _____

Job title/role: _____

Telephone: _____

GP practice: _____

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 practice: 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 → [Go to 2.2.1](#) No → [Go to 2.3](#) Not recorded → [Go to 2.3](#)
- 2.2.1 If yes, date of 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, please specify: (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 by 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, please specify: (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/lives alone |
| | <input type="checkbox"/> Other, please specify _____ |
- 2.10 Smoking history
- | | |
|--|--|
| <input type="checkbox"/> Non-smoker → Go to 2.11 | <input type="checkbox"/> Smoker → Go to 2.10.1 |
| <input type="checkbox"/> Ex-smoker (stopped over 12 months ago) → Go to 2.10.1 | |
| <input type="checkbox"/> Ex-smoker (stopped in last 12 months) → Go to 2.10.1 | <input type="checkbox"/> 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:** 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 of when started and indication** *(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 known**2.13.1 If yes, please specify:** Cat Dog Horse Birds Hamster Rabbit Other, please specify _____If patient was >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 past 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 to 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)

Moderate (BTS step 2–3)

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

No history of asthma

Not known

No data/not recorded

Mild On occasional relievers, or no, asthma treatment

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

Severe Prescribed four 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

*Categories

1) Short-acting relievers

2) Inhaled steroids

3) Long-acting relievers

4) Leukotriene receptor antagonist (LTRA)

5) Theophylline/aminophylline

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 patients asthma):

Allergic asthma (where there is specific allergic trigger for the patient's asthma)

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

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)

Aspirin-sensitive asthma

Occupational asthma

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

General physician

Respiratory paediatrician

General paediatrician

Specialist registrar (respiratory)

Specialist registrar (not respiratory)

Junior hospital doctor

GP

GP (GPwSI respiratory)

Practice nurse

Practice nurse (with asthma diploma)

Nurse consultant (respiratory)

Nurse consultant (non-respiratory/other)

Respiratory nurse

Respiratory nurse (secondary care)

Paramedic

A&E consultant

Other, please specify _____

4.4 Current medication at the time of death

4.4.1 Short-acting reliever inhalers:

Yes, please specify →

No

Not recorded

Name: _____

Device:

pMDI (pressurised metered-dose inhaler)

DPI (dry powder inhaler)

Via Easi-Breathe/Autohaler

Dose: _____ → Go to 4.4.1.1

4.4.1.1 If yes, 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:

Yes, please specify →
 No
 Not recorded

Seretide Dose: _____
 Symbicort Dose: _____
 Fostair Dose: _____
 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 beta agonist (LABA) bronchodilators:

Yes, please specify →
 No
 Not recorded

Salmeterol Dose: _____
 Formoterol Dose: _____
 Other combination, please detail

_____ Dose: _____

4.4.5 Xolair (omalizumab):

Yes, please specify →
 No
 Not recorded

Dose: _____

4.4.6 Methotrexate:

Yes, please specify →
 No
 Not recorded

Dose: _____/week

4.4.7 Patient prescribed a spacer inhaler device:

Yes No

Not known

4.4.8 Leukotriene receptor antagonist (LTRA):

Yes, please specify →
 No
 Not recorded

Name: _____

Dose: _____ mg/day

4.4.9 Other oral asthma therapy:

(tick all that apply)

Yes, please specify →
 No
 Not known

Theophylline Name: _____ Dose: _____mg/day
 Systemic steroids Name: _____ Dose: _____mg/day
 Oral steroid Name: _____ Dose: _____mg/day

4.4.10 Patient had a nebuliser at home:

Yes → [Go to 4.4.10.1](#) 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? (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"/> Other, please specify _____ |
| <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 this patient's asthma was routinely reviewed in the last year (including the final review): _____ times 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 (eg using RCP 3Qs, ACT, GINA or another control tool) |
| <input type="checkbox"/> Decreased dose of asthma medication | <input type="checkbox"/> Assessment of the patients adherence to medication |
| <input type="checkbox"/> Issue of a Written Asthma Action Plan* | <input type="checkbox"/> Assessment of smoking status |
| <input type="checkbox"/> Modification of a Written Asthma Action Plan* | <input type="checkbox"/> Other, please specify _____ |
| <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 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: Very well No history of asthma
 Adequately No data/not recorded
 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 recorded → 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 recorded → [Go to 4.8](#)

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

Highest: ___% predicted 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 a different inhaler prescribed, or
(ii) was the patient taught to use their original inhaler?

Yes No Not known
 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 → [Go to 4.9.2.1](#) No → [Go to 4.9.3](#) Not known → [Go to 4.9.3](#)

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 4.9.4](#) Not known → [Go to 4.9.4](#)

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' – PRIMARY CARE (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 primary care, please give details of where this treatment took place and when:

Name of institution: _____

Postcode: _____/_____

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

5.1.3.1 If hospital, please give hospital details:
(name, address, telephone number)

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 Sample taken for mast cell tryptase:

Yes → Go to 5.1.4.2.1 No → Go to 5.2 Not known → Go to 5.2

5.1.4.2.1 If yes, what was the result?
(please also answer question 5.3.1)

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 TREATED IN PRIMARY CARE FOR THE FINAL FATAL 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 hr 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/UTRIs

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 (PAAP):

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 hr clock)

Not recorded

5.4.2 Patient taken to hospital:

Yes → Go to 5.4.2.1 No → Go to 5.4.3 Not known → Go to 5.4.3

5.4.2.1 If yes, route for referral to hospital:

- | | | |
|---|---|---|
| <input type="checkbox"/> 999 ambulance service | <input type="checkbox"/> Self/parental referral | <input type="checkbox"/> GP surgery |
| <input type="checkbox"/> Minor injury unit, <i>please specify</i> _____ | <input type="checkbox"/> Telephone advice – NHS Direct] | <input type="checkbox"/> Not known |
| <input type="checkbox"/> Other hospital, <i>please specify</i> _____ | <input type="checkbox"/> GP assessment unit | <input type="checkbox"/> Other, <i>please specify</i> _____ |

5.4.2.2 Time of arrival to hospital:

__:__(24-h clock) Not recorded

5.4.2.3 Mode of arrival at hospital:

- | | | |
|--|---|------------------------------------|
| <input type="checkbox"/> Road ambulance | <input type="checkbox"/> Public transport | <input type="checkbox"/> Not known |
| <input type="checkbox"/> Private transport | <input type="checkbox"/> On foot | |
| <input type="checkbox"/> Taxi | <input type="checkbox"/> Other, <i>please specify</i> _____ | |

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 those 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, <i>please specify</i> _____ |

5.4.5 Was resuscitation attempted?

- | | |
|--|--|
| <input type="checkbox"/> Out of hospital (tick if yes) | <input type="checkbox"/> In hospital (tick if yes) |
| If yes, resuscitation was attempted by: | If yes, resuscitation was attempted by: |
| <input type="checkbox"/> Bystander | <input type="checkbox"/> Bystander |
| <input type="checkbox"/> Family member | <input type="checkbox"/> Family member |
| <input type="checkbox"/> Paramedic | <input type="checkbox"/> Paramedic |
| <input type="checkbox"/> Doctor/nurse | <input type="checkbox"/> 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 (<i>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)</i>) | <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 three 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

	Initial treatment	Reassessment (1)	Reassessment (2)	Reassessment (3)	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)
 pMDI alone (*pMDI=pressurised metered-dose inhaler)

5.7.1.3 Drug name and 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 was administered systemic steroids (including oral or intravenous): 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: / / (DD/MM/YYYY)
 : (24-h clock) Not known

5.7.3.2 Please state the route of administration:
(tick all that apply)

Oral tablets Dispersible tablets
 Systemic injection

5.7.3.3 Drug name and the dose:
Drug: Dose:

5.7.4 Patient was 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: / / (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 was 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: / / (DD/MM/YYYY)
 : (24-h clock) Not known

5.7.5.2 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 was 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: / / (DD/MM/YYYY)
 : (24-h clock) Not known

5.7.7 Patient was 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: / / (DD/MM/YYYY)
 : (24-h clock) Not known

5.7.8 Patient was 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:

___/___/___ (DD/MM/YYYY)

__:__ (24-h clock)

Not known

5.7.9 Patient was 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:

___/___/___ (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 → Go to 6

Not known → Go to 6

5.7.10.1 If yes, was this:

NIV CPAP Intubation

Not known

5.7.10.2 Was the patient mechanically ventilated?

Yes No

Not known

SECTION 6: ORGANISATIONAL QUESTIONS

6.1 Number of doctors working in this practice:

(full time, part time)

___ Full-time equivalent (FTE)

___ Part time

6.2 Number of patients on the practice list:

6.3 QoF points for asthma attained in the practice at the end of March in the last financial year:

6.4 Is there a doctor with a special interest in respiratory disease in the practice?

Yes No

Not known

6.5 How many nurses with an accredited asthma diploma work in the practice?

Not known

6.6 The practice is a: (tick all that apply):

Teaching practice

Training practice

Research practice

6.7 How close is the nearest A&E department?

<2 miles

>5 miles

<5 miles

6.8 Who does the asthma reviews in the practice? (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 _____

6.9 Regarding routine asthma reviews (QoF) that are done in the practice: please tick all that are done every time:

A review of medication

Modification of an Asthma Action Plan*

Assessment of the patients adherence to medication

Increased dose of medication when appropriate

A record of an assessment of asthma control

Other, please specify _____

Decreased dose of medication when appropriate

If yes to above, which do you use in the practice?

None of these

Issue of an Asthma Action Plan (if not previously)*

RCP 3Qs ACT GINA

anOther control tool

please specify _____

Asthma medication:

Added: Yes No

Stopped: Yes No

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

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

PLEASE PHOTOCOPY THIS FORM AND KEEP A COPY FOR YOUR RECORDS BEFORE RETURNING TO THE NRAD 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 is 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 from 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 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:

Ia Severe bronchopneumonia
II 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:

Ia Old age
II 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 is 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 that 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 that 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

