

# The College of Emergency Medicine

**Patron: HRH The Princess Royal**

**7-9 Breams Buildings  
London  
EC4A 1DT**

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

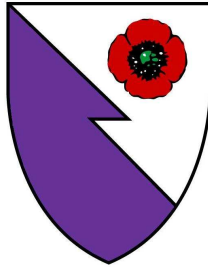
Patients Name: Brian Jones		
Patients Age / DOB: 77		
Major Problem	Medical Severe, end stage COPD	NTS Organisation and planning Communication Situational awareness
Learning Goal	Walk through how end of life care decisions are made.	
Narrative Description	A 77 year old man was sent to the MAU by a locum GP service with COPD. The paramedics have diverted to resus as the patient is hypoxic and ill. The patient has severe COPD with home oxygen. He He has had a chest infection for ten days but cannot cope at home. He is conscious enough to discuss end of life care and ceilings of treatment. He had a lengthy admission to ICU last year and doesn't want to go back. He has type 2 respiratory failure with an acidosis and may be suitable for NIV.  PMHx COPD, TIA, Hypercholesterolaemia NKDA Meds Home Oxygen Prednisolone 40mg Salbutamol nebs every four hours Atrovent nebs every four hours Clarythromycin 200mg bd	
Staffing	Faculty Control Room: 1 x Sim man controls 1 x Pt voice / nurse informer Faculty Role Players: 1 x Nurse	Candidates ED Doctor ED Senior nurse

**Excellence in Emergency Care**

1

Incorporated by Royal Charter, 2008 • Registered Charity number 1122689





# The College of Emergency Medicine

**Patron: HRH The Princess Royal**

**7-9 Breams Buildings  
London  
EC4A 1DT**

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

<b>Case Briefing</b>	<b>To All Candidates</b> This patient is 77 years old and was going to MAU with an exacerbation of COPD but the paramedics have diverted to resus as he is very ill.	<b>To Role Players</b> (By voice only) Intensivist / Medical SpR / Daughter
<b>Manikin preparation</b>	Male patient sitting up on a trolley. Has a Venturi mask going with a nebuliser running	
<b>Room set up</b>	A&E resus Experienced nurse available to help	
<b>Simulator operation</b>	Patient has a tachycardia and a hypoxia. The respiratory rate is high. The patient can talk in half sentences only	
<b>Props needed</b>	Defibrillator, Anaesthetic Drugs Aminophylline in Dextrose Fluids NIV mask	

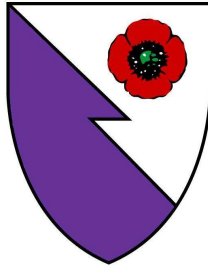
**Excellence in Emergency Care**

2

Incorporated by Royal Charter, 2008 • Registered Charity number 1122689

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

Patron: HRH The Princess Royal

7-9 Breams Buildings  
London  
EC4A 1DT

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

ACCS

Severe COPD

## Observations:

*Initial*

HR	120
O2 sats	75%
BP	190/110
Temp	37.0
RR	34
GCS	E=4 V=5 M=6 15/15

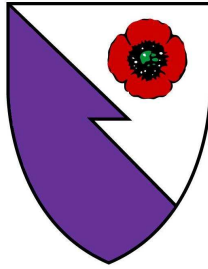
**Excellence in Emergency Care**

3

Incorporated by Royal Charter, 2008 • Registered Charity number 1122689

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

**Patron: HRH The Princess Royal**

**7-9 Breams Buildings  
London  
EC4A 1DT**

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

## Nurse Role

### Scenario

A severe exacerbation of COPD in an elderly man

### Underlying diagnosis

End stage COPD

### Instructions

You are an experienced nurse who can contact anyone and find anything in your department. You don't want this patient to suffer unnecessarily and will suggest that intubation is inappropriate if offered.

You are able to make appropriate suggestions including getting help if needed. You can help setting up NIV.

Available is an ECG when you are asked to take one.

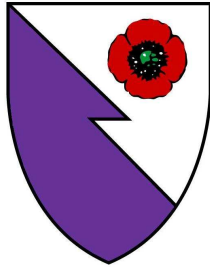
***Excellence in Emergency Care***

4

*Incorporated by Royal Charter, 2008 • Registered Charity number 1122689*

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

**Patron: HRH The Princess Royal**

**7-9 Breams Buildings  
London  
EC4A 1DT**

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

## Patient Role

### Scenario

A severe exacerbation of COPD in an elderly man

### Underlying diagnosis

End stage COPD

### Patient Instructions

You cough frequently. Your chest has been getting bad for a couple of weeks and hasn't responded to antibiotics and steroids from your GP. You can only speak in half sentences. When you are well, you can only walk to the bathroom which is five yards away. You spend most of your life attached to your oxygen cylinder. You couldn't walk up a flight of stairs. You are certain that you don't want to go to ICU again. You think, correctly, that you are dying and don't really feel you have anything to live for. You stopped smoking three years ago. You haven't had any relief from your nebulisers for a couple of weeks.

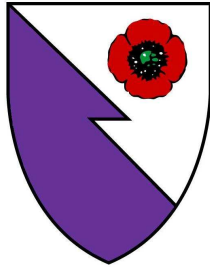
**Excellence in Emergency Care**

**5**

*Incorporated by Royal Charter, 2008 • Registered Charity number 1122689*

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

**Patron: HRH The Princess Royal**

**7-9 Breams Buildings  
London  
EC4A 1DT**

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

## **Daughter Role**

(by phone)

You don't really know how ill your father is, but you got a call to phone the hospital. You initially want everything doing for your father, but if the situation is explained to you carefully, you will accept a decision not to admit your father to ICU. You live in France and can't come quickly.

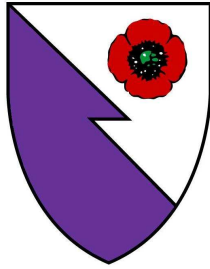
***Excellence in Emergency Care***

**6**

*Incorporated by Royal Charter, 2008 • Registered Charity number 1122689*

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

Patron: HRH The Princess Royal

7-9 Breams Buildings  
London  
EC4A 1DT

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

## Intensive Care SpR

(By phone)

If you are called, you will refuse to see the patient until they have been seen by the medical SPR. You don't like admitting COPD patients to the ICU as you don't think they do very well.

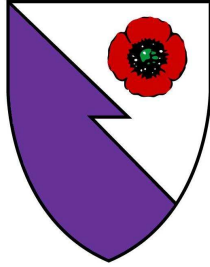
**Excellence in Emergency Care**

7

Incorporated by Royal Charter, 2008 • Registered Charity number 1122689

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

Patron: HRH The Princess Royal

7-9 Breams Buildings  
London  
EC4A 1DT

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

## Medical SpR Role

(by phone)

You can't come quickly as you are tied up with a complex patient on the renal wards. You suggest that ED doctor gets as much information as possible and might set up NIV, though you aren't familiar with it. You might come in at the end of the scenario to take a handover from the candidate.

**Excellence in Emergency Care**

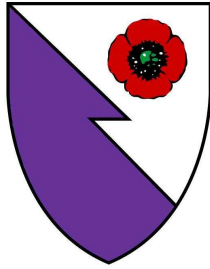
8

Incorporated by Royal Charter, 2008 • Registered Charity number 1122689

<http://creativecommons.org/licenses/by-nc-nd/3.0/>







# The College of Emergency Medicine

Patron: HRH The Princess Royal

7-9 Breems Buildings  
London  
EC4A 1DT

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

## **Blood Results: Brian Jones** **Age 77 year old male**

Hb	19.2	Na	128
WCC	12	K	3.1
Plt	187	Ur	10
MCV	95	Cr	87

## **ABG On 2l Oxygen**

pH	7.14
pO <sub>2</sub>	6.8
pCO <sub>2</sub>	9.8
HCO <sub>3</sub>	32
BE	8
Lactate	1.8

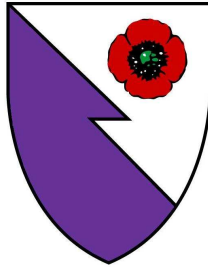
***Excellence in Emergency Care***

9

*Incorporated by Royal Charter, 2008 • Registered Charity number 1122689*

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

**Patron: HRH The Princess Royal**

**7-9 Breams Buildings  
London  
EC4A 1DT**

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

**ACCS**

**Severe COPD**

**Forest Primary Care Surgery  
High Street  
Little Norden**

**Mr Brian Jones  
Hospital Number 234480/08**

Dear MAU Doctor,

Thank you for admitting this 77 year old man with severe COPD who I have seen on behalf of the GP locum service. He is not coping at all at home. He appears to live alone. I have asked his daughter to phone in with a collateral history.

Pulse 120  
RR 32  
BP 130/100

With kind regards

**Dr Das**

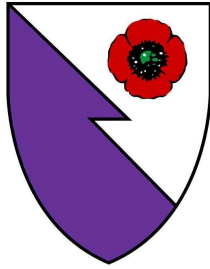
***Excellence in Emergency Care***

10

*Incorporated by Royal Charter, 2008 • Registered Charity number 1122689*

<http://creativecommons.org/licenses/by-nc-nd/3.0/>





# The College of Emergency Medicine

Patron: HRH The Princess Royal

7-9 Breams Buildings  
London  
EC4A 1DT

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

## ACCS Discharge Summary

St Sim Hospital

Severe COPD

Mr Brian Jones  
Hospital Number 234480/08

Date of Admission 2<sup>nd</sup> August 2011  
Date of Discharge 1<sup>st</sup> of October 2011

### Type of Admission Emergency

**Primary Diagnosis**  
Severe COPD

**Secondary Diagnosis**  
TIA

### Clinical Course

Mr Jones was admitted as an emergency with severe shortness of breath. He was admitted directly to ICU from the emergency department where he had failed a trial of NIV. He underwent a three week period of ventilation. He had a tracheostomy and made steady if slow progress.

### Discharge Instructions

Please review.  
We will see him in respiratory clinic in six weeks.

### Discharge Medications

Home oxygen  
Salbutamol 5mg qds  
Atrovent 500mcg qds  
Prednisolone 10mg  
Simvastatin 40mg  
Asprin 75mg

**Allergies**  
None

### Infection Control

No MRSA detected during this admission  
No C.Difficile detected during this admission

### Signature

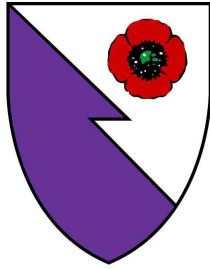
Dr T. Rahan FY2 in Respiratory Medicine

**Excellence in Emergency Care**

11

Incorporated by Royal Charter, 2008 • Registered Charity number 1122689





# The College of Emergency Medicine

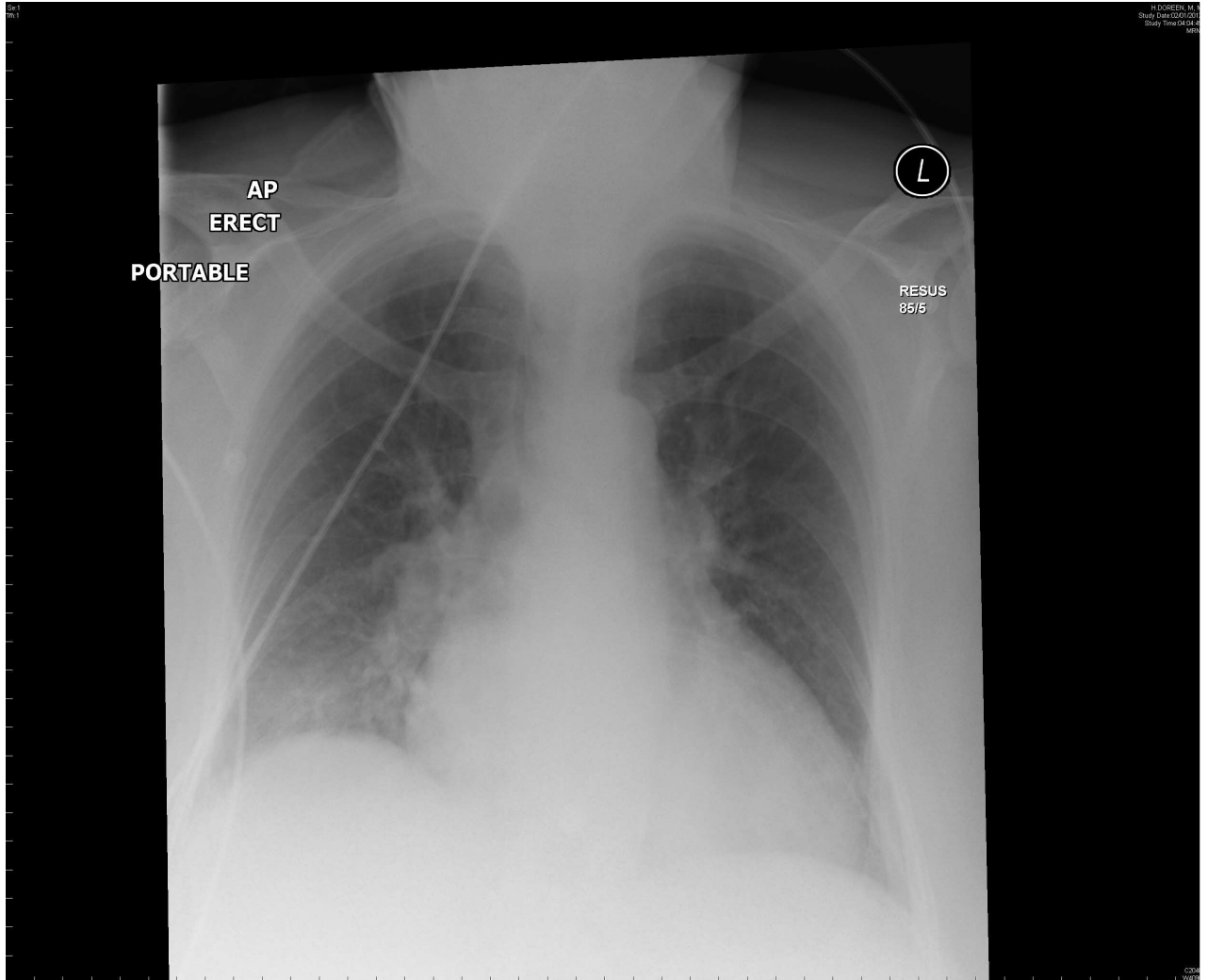
Patron: HRH The Princess Royal

7-9 Breams Buildings  
London  
EC4A 1DT

Tel +44 (0)207 404 1999  
Fax +44 (0)207 067 1267  
[www.collemergencymed.ac.uk](http://www.collemergencymed.ac.uk)

ACCS

Severe COPD



**Excellence in Emergency Care**

12

Incorporated by Royal Charter, 2008 • Registered Charity number 1122689

<http://creativecommons.org/licenses/by-nc-nd/3.0/>

