

SEPSIS



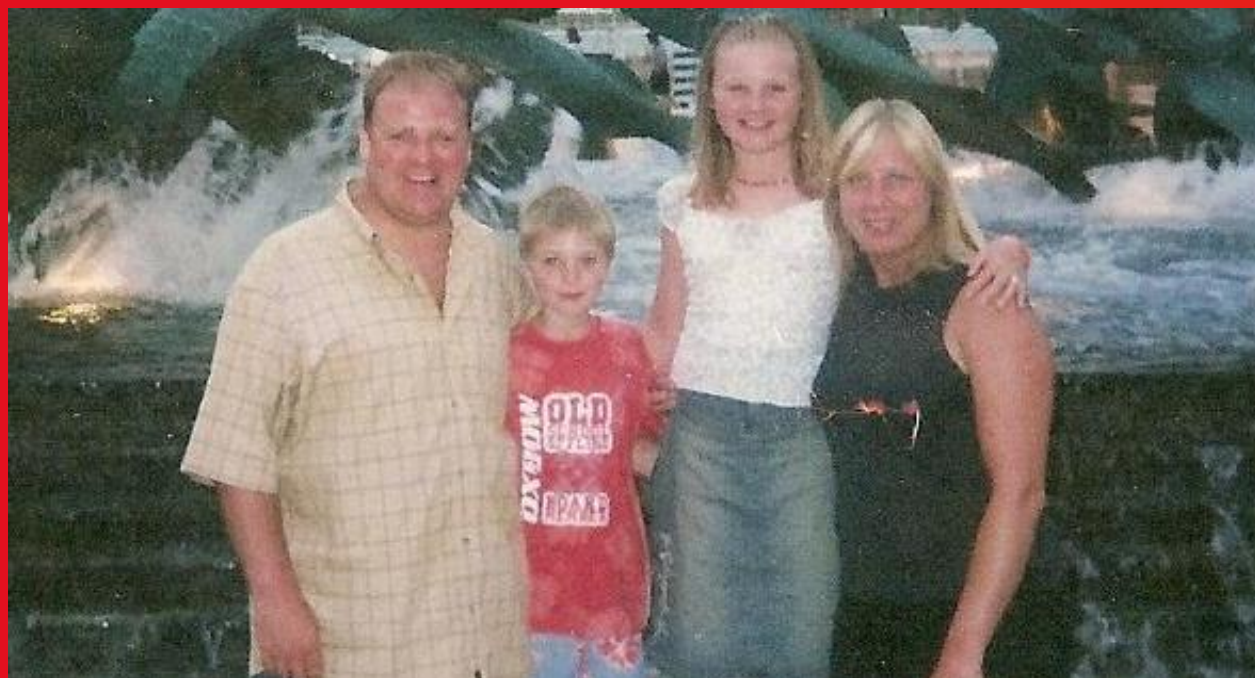
THE UK
SEPSIS
TRUST

GALVANISING GOVERNMENT ACTION



@SepsisUK

Dr Ron Daniels B.E.M.
CEO, UK Sepsis Trust
CEO, Global Sepsis Alliance
Special Adviser (maternal sepsis) to WHO



Breast cancer

Bowel cancer

Annual UK sepsis deaths



GLOBAL SEPSIS MORTALITY



Sepsis

5.3M

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Ischaemic
Heart Disease

7.2M

(CDC 2015)

Cancer

8.2M

(WHO 2015)

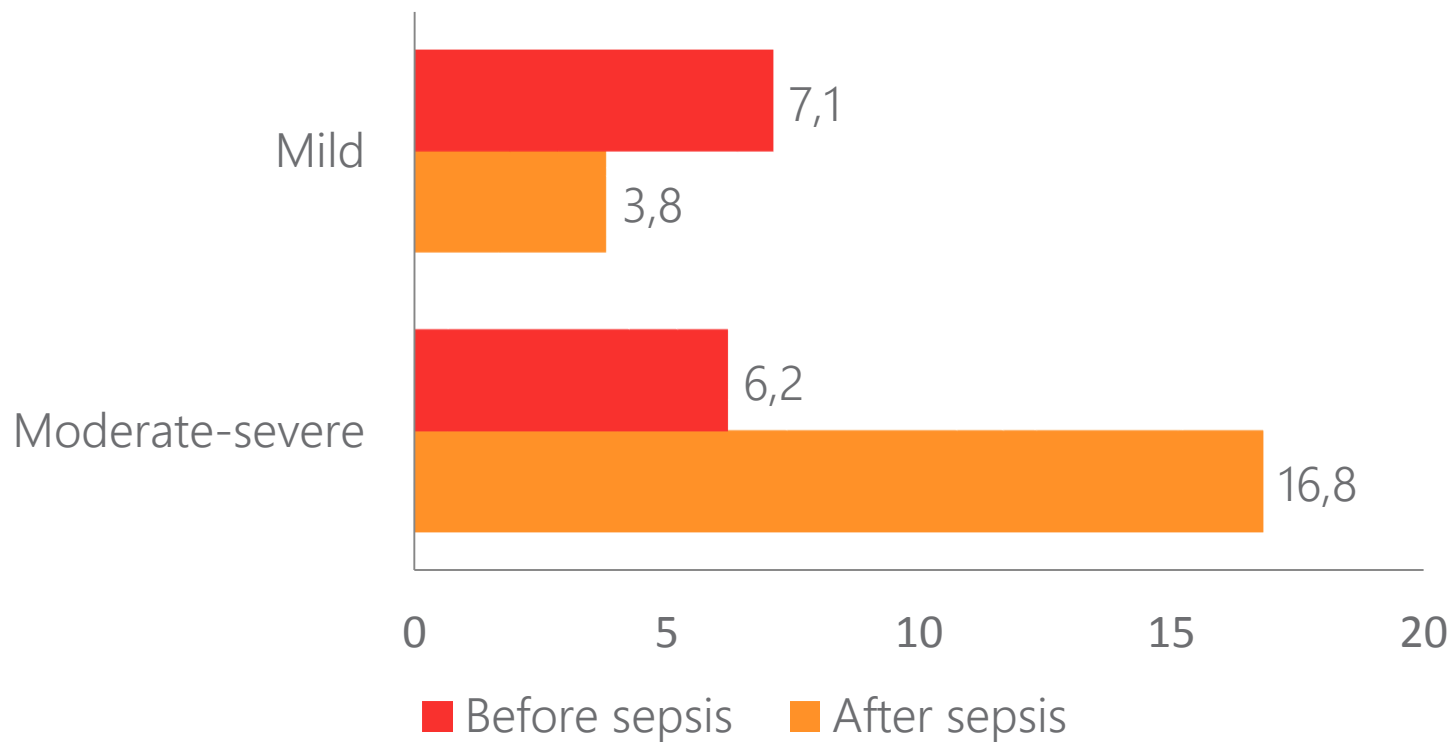
Tobacco

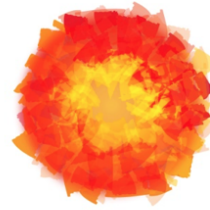
6M

(WHO 2016)

- Malaria 0.44M (WHO 2015)

SEQUELAE- COGNITION





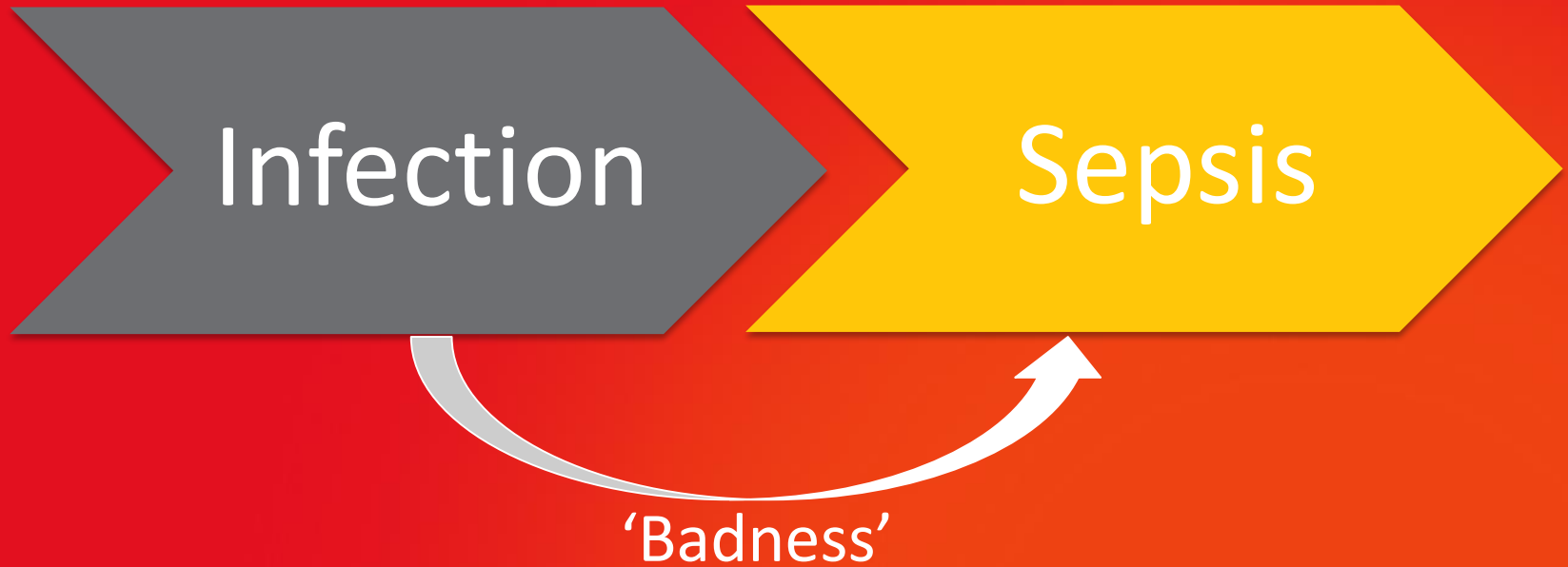
Embargoed until 00.01 on 20.02.17

NEW STUDY SHOWS SEPSIS COULD BE COSTING THE UK ECONOMY UP TO £15.6 BILLION EACH YEAR

- **New data from an independent study shows the cost of sepsis to the UK economy is likely to be as much as £15.6 billion every year, rather than the £2.5 billion previously estimated**
- **The UK sees 260,000 cases of sepsis annually – over 100,000 more than initial projections suggested**
- **Potential savings to the economy by improving sepsis care across the NHS could be as high as £2.8 billion**

Monday 20th February – A study commissioned by the UK Sepsis Trust and carried out by the independent York Health Economics Consortium (YHEC) has found that

THE RACE WAS ON...



National Clinical Guideline Centre

Consultation

Sepsis

Sepsis: the recognition, diagnosis and management of sepsis

NICE guideline <number>

Methods, evidence and recommendations

January 2016

3. Is any **Red Flag** present?

Systolic B.P <90 mmHg/ **40mmHg below n**

Lactate >2 mmol/l

Heart rate >130 per minute

Respiratory rate >25 per minute

Needs oxygen to keep SpO₂ >92%

Responds to voice/ pain/unresponsive

Purpuric rash/ **mottled/ ashen/ cyanotic**

Not passed urine for 18 hours

Your logo!

ED/ AMU Sepsis Screening & Action Tool

To be applied to **all non-pregnant adults and young people over 12 years** with fever (or recent fever) symptoms, or who are clearly unwell with any abnormal observations



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TRUST

Patient details (affix label):

.....!

.....!

.....!

.....!

Important: Is an end of life pathway in place? Yes Is e

1. Could this be sepsis?

Patient looks sick!

Patient, carer or relative very worried!

NEWS (or similar) triggering

Risk factors present!

e.g. age over 75, recent surgery, trauma or invasive procedure, immunosuppressed, indwelling device or skin integrity breached!



2. Could this be due to an infection?

Yes, source unclear Tick: Pneumonia!

Urinary Tract Infection Abdo. pain/ distension!

Joint or skin infection Device-related infection!

Meningitis!

Other (specify: _____)



3. Is any ONE red flag present?

AVPU= V, P or U (if changed from normal)!

Acute confusion!

Respiratory rate \geq 25 per minute !

Needs oxygen to keep SpO₂ \geq 92% (88% in COPD)!

Heart rate > 130 per minute!

Systolic B.P. \leq 90 mmHg (or drop > 40 from normal)!

Not passed urine in last 18 h/ UO < 0.5 ml/kg/hr !

Non-blanching rash, mottled/ ashen/ cyanotic!

Recent chemotherapy (last 6 weeks)!



Red Flag Sepsis. Start Sepsis 6 pathway NOW (see overleaf)

This is time critical, immediate action is required. !

1. Could this be sepsis?

Tick

Patient looks sick

Patient, carer or relative very worried

NEWS (or similar) triggering

Risk factors present

e.g. age over 75, recent surgery, trauma or invasive procedure, immunosuppressed, indwelling device or skin integrity breached



2. Could this be due to an infection?

THE SEPSIS SIX

1. Give O2 to keep SATS above 94%
2. Take blood cultures
3. Give IV antibiotics
4. Give a fluid challenge
5. Measure lactate
6. Measure urine output

JUST ASK
"COULD IT BE SEPSIS?"
IT'S A SIMPLE QUESTION, BUT IT COULD SAVE A LIFE.

Clinical Program.

the effect of

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Daily Mail

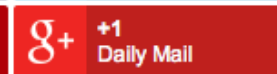
Sepsis and the little ones who never should have died: Heartbreaking stories that prove why it's so vital families and doctors are taught how to spot symptoms sooner

- The Daily Mail is campaigning to end the sepsis scandal
- 1,500 children have died from sepsis in the last 14 months
- Jeremy Hunt promised to consider a national awareness campaign
- Sepsis is an over-reaction of the body's immune system to infection
- If caught early enough, it's treated with intravenous antibiotics and fluids

By JONATHAN GORNALL FOR THE DAILY MAIL

PUBLISHED: 00:05, 15 March 2016 | UPDATED: 10:29, 15 March 2016

Site Web



DON'T MISS

▶ Bikini-clad Taylor Swift and Calvin Harris share a passionate kiss on romantic beach holiday... after celebrating one year together



Harlequins

Mike Brown traces illness back to England's gruelling tour of Australia

- Harlequins full-back lost 6kgs with septicæmia
- He was 'absolutely hanging before last game'

Press Association

Thursday 15 September 2016 23.13 BST



< Shares

25



Mike Brown celebrates after scoring against the Wallabies in the Sydney Test in June, to cap a punishing tour. Photograph: David Rogers/Getty Images

Mike Brown suspects the septicæmia that forced him to miss the start of the season may have been the result of the punishment absorbed during England's summer tour of Australia.



Following

#Sepsis kills 40,000 people every year - more than bowel, breast & prostate cancer combined. Would you recognise the signs & symptoms?



RETWEETS 400 LIKES 229



8:10 AM - 20 Feb 2017



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NEWS

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ITV REPORT 20 February 2017 at 9:05am

Sepsis costing NHS 'billions' more than thought due to 'crippling' lack of data

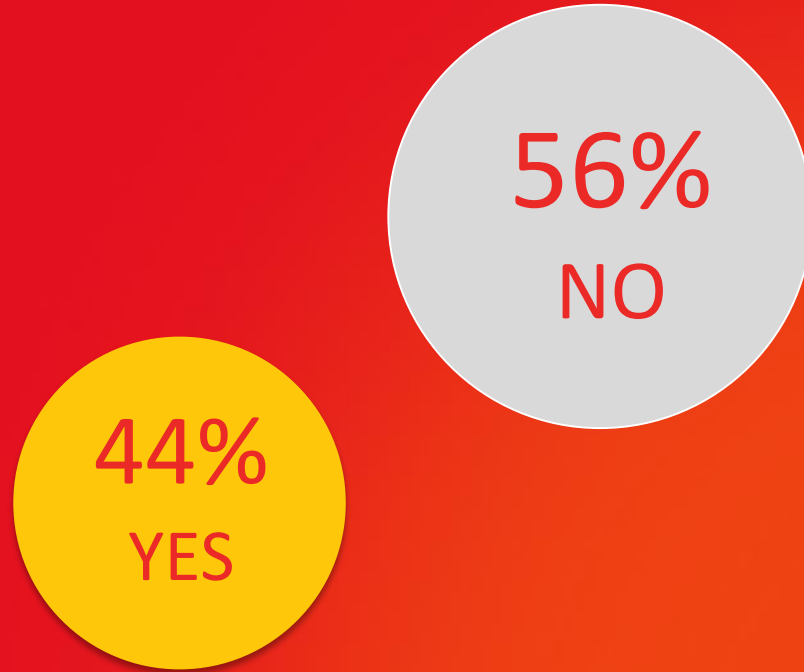




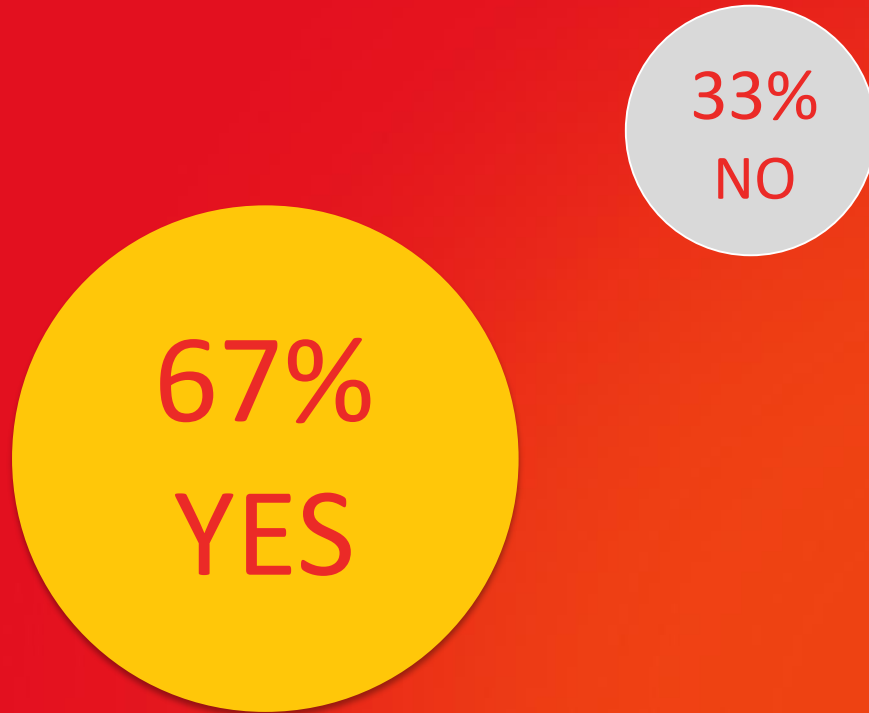
Have you ever heard of sepsis?



Have you ever heard of sepsis?

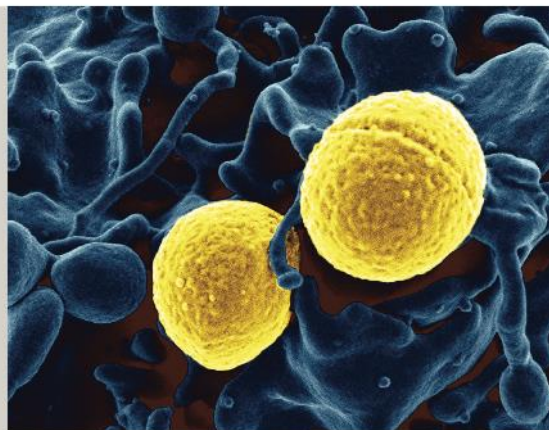


Have you ever heard of sepsis?



Just Say Sepsis!

A review of the process of care received
by patients with sepsis



...outcomes for
with sepsis
...action plan



TIME TO ACT

Severe sepsis: rapid diagnosis
and treatment saves lives





#POLITICS



JEREMY HUNT ADMITS NHS IS
'TOTALLY INADEQUATE' AT SPOTTING SEPSIS

‘Sepsis is a condition whose
time has come’

‘Now is the time not for words
but for practical actions on the
ground’



NHS

SEPSIS

IS A RARE BUT SERIOUS COMPLICATION OF AN INFECTION

If your child has any of these symptoms you should take immediate action:

- Looks mottled, bluish or pale
- Is very lethargic or difficult to wake
- Feels abnormally cold to touch
- Is breathing very fast
- Has a rash that does not fade when you press it
- Has a fit or convulsion

Acting quickly could save your child's life, so if your child has any of these symptoms don't be afraid to go to A&E immediately or call 999.

Find out more information visit
www.nhschoices.co.uk/00000
 or www.sepsistrust.org

THE UK SEPSIS TRUST

Facing the Future

We see change as an opportunity not as a problem



Commitment to Excellence
 Working together
 Facing the Future

My mum works here and she's here to help you.

Primary Health Partnership Trust

Our values guide

The Friends and Family Test
 How did we do?

Expecting Twins in 2016?



Let's talk

JUST ASK
"COULD IT BE SEPSIS?"
IT'S A SIMPLE QUESTION, BUT IT COULD SAVE A LIFE.

NHS

THE UK SEPSIS TRUST

in association with
HSBC

www.sepsistrust.org

Advance details
Payment type and details

at your fingertips:
www.hsbc.co.uk
If you change address
please let us know

HSBC

HSBC Advance

Contact tel 03457 404 404
See reverse for call times
Text phone 03457 125 563
used by deaf or speech impaired customers
www.hsbc.co.uk

Your Statement

Account Summary

Balance



Delivered by
POSTAL
CG 10023



AMBULANCE

NHS

ACTING QUICKLY
CAN SAVE
14,000 LIVES FROM
SEPSIS

To find out more about
sepsis and the symptoms visit:
www.sepsistrust.org



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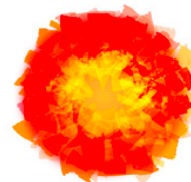
JUST ASK "COULD IT BE SEPSIS?"

PATIENT ASSASSAULT OR PROSECUTION
PLEASE REPORT ANYTHING

SEPSIS IS A SERIOUS CONDITION THAT CAN INITIALLY LOOK LIKE FLU, GASTROENTERITIS OR A CHEST INFECTION.

Seek medical help urgently if you develop any or one of the following:

Slurred speech or confusion
Extrême shivering or muscle pain
Passing no urine (in a day)
Severe breathlessness
It feels like you're going to die
Skin mottled or discoloured



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www.sepsistrust.org

Email info@sepsistrust.org for more information.

The UK Sepsis Trust registered charity number (England & Wales) 1158843.

ANY CHILD WHO:

- 1 Is breathing very fast
- 2 Has a 'fit' or convulsion
- 3 Looks mottled, bluish, or pale
- 4 Has a rash that does not fade when you press it
- 5 Is very lethargic or difficult to wake
- 6 Feels abnormally cold to touch

MIGHT HAVE SEPSIS

Call 999 and just ask: could it be sepsis?

The UK Sepsis Trust registered charity number
(England & Wales) 1158843.

ANY CHILD UNDER 5 WHO:

- 1 Is not feeding
- 2 Is vomiting repeatedly
- 3 Hasn't had a wee or wet nappy for 12 hours

MIGHT HAVE SEPSIS

If you're worried they're deteriorating call 111 or see your GP

JUST ASK
"COULD IT BE SEPSIS?"
IT'S A SIMPLE QUESTION, BUT IT COULD SAVE A LIFE.

LOCAL INFORMATION

Child health clinic
Name: _____ Tel: _____
Address: _____
Phone: _____
Fax: _____

Religious & Faith groups
Name: _____ Tel: _____
Address: _____
Phone: _____
Fax: _____

Other health contacts
Name: _____ Tel: _____
Address: _____
Phone: _____
Fax: _____

Spotting sepsis and serious illness in children

Please use this page if you are concerned about your child's symptoms, especially if their illness seems different to any previous illness (even if their temperature falls).

This information will help you monitor your child's condition so you know:

- Where to ask for help
- How to describe the symptoms

The information is derived, with permission, from the SAM study produced by West Angles Health Watch following the impressive recognition of Sepsis North in December 2010 as a paediatric sepsis in children. Contributors include children who've had sepsis.

This information is written by the chief and producer in Educational Media. The UK Sepsis Trust regional media and marketing manager (England & Wales) is Sarah. Contact your regional contact at 01223 333333. Sepsis Trust's company number: 04221124. VAT reg number: 231570222.



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Browth charts & other information
Screening & routine reviews
Immunisation

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TOGETHER WE CAN
SAVE 14,000 LIVES