



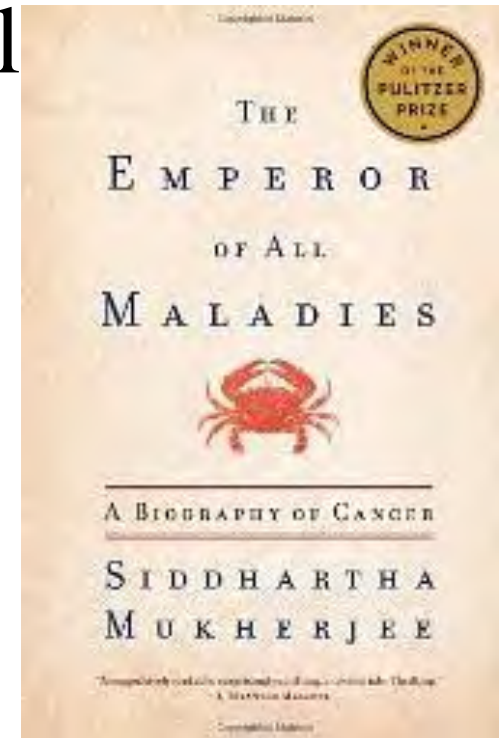
Overview on the work of the GSA

K. Reinhart ML
Chair Global Sepsis Alliance

September | World
13 | Sepsis
2017 | Day

Sepsis patients did not have a lobby

For any illness to rise to political prominence, it needed marketing..... A disease needed to be transformed politically before it could be transformed scientifically.



Strategy of the GSA to Foster a Sepsis Lobby

- Bring together all existing national and international professional societies and patient advocate groups
- Support and learn from each other to develop effective strategies to get sepsis on the agenda
- To generate and collect data on the human, medical and economic burden and of sepsis
- To document the poor awareness/knowledge of lay people and stakeholders

GSA Founding Organizations in 2010



- World Federation of Societies of Intensive and Critical Care Medicine



- World Federation of Intensive and Critical Care Medicine



- International Forum of Intensive and Critical Care Medicine



- Sepsis Alliance USA



- World Federation of Critical Care Nurses

More than 80 member organizations on all continents in 2018!



The NEW ENGLAND JOURNAL of MEDICINE

Perspective

Recognizing Sepsis as a Global Health Priority —
A WHO Resolution

Konrad Reinhart, M.D., Ron Daniels, M.D., Niranjana Kissoon, M.D., Flavia R. Machado, M.D.,
Raymond D. Schachter, L.L.B., and Simon Finfer, M.D.

“Some very important clinical... them affecting... burden of... ed preven-... management... disease aris-... sepsis remains unknown. The current estimates of 30 mil- lion episodes and 6 million deaths per year come from a systematic review that extrapolated from pub- lished national or local popula- tion estimates to the global pop- ulation.³ The likelihood that the result was a significant underes-

and pro... at the clinic... but not visib... litical leaders... care systems... and political s... space in which [sepsis] needs to be in order for things to change.”

So said Sir Liam Donaldson, described by Donaldson, and as a

... The public and political space is the space in which [sepsis] needs to be in order for things to change.”

Sir Liam Donaldson, Geneva ; May 2017

Success Factors: Mobilization of UN Member States



Vienna Sept. 4th 2015



Global
Sepsis
Alliance

**Draft resolution proposed by Australia, Austria, Colombia,
Costa Rica, Estonia, Germany, Ireland, Jamaica, Japan,
Luxembourg, Russian Federation and Switzerland**



140th session

EB140.R5

Agenda item 7.2

25 January 2017

Improving the prevention, diagnosis and management of sepsis

The Executive Board,

Having considered the report on improving the prevention, diagnosis and clinical management of sepsis,¹

RECOMMENDS to the Seventieth World Health Assembly the adoption of the following resolution:

Success Factors: Support and Encouragement by high ranked policy makers and health authorities



Success Factors: Engagement of Patients and their Families



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

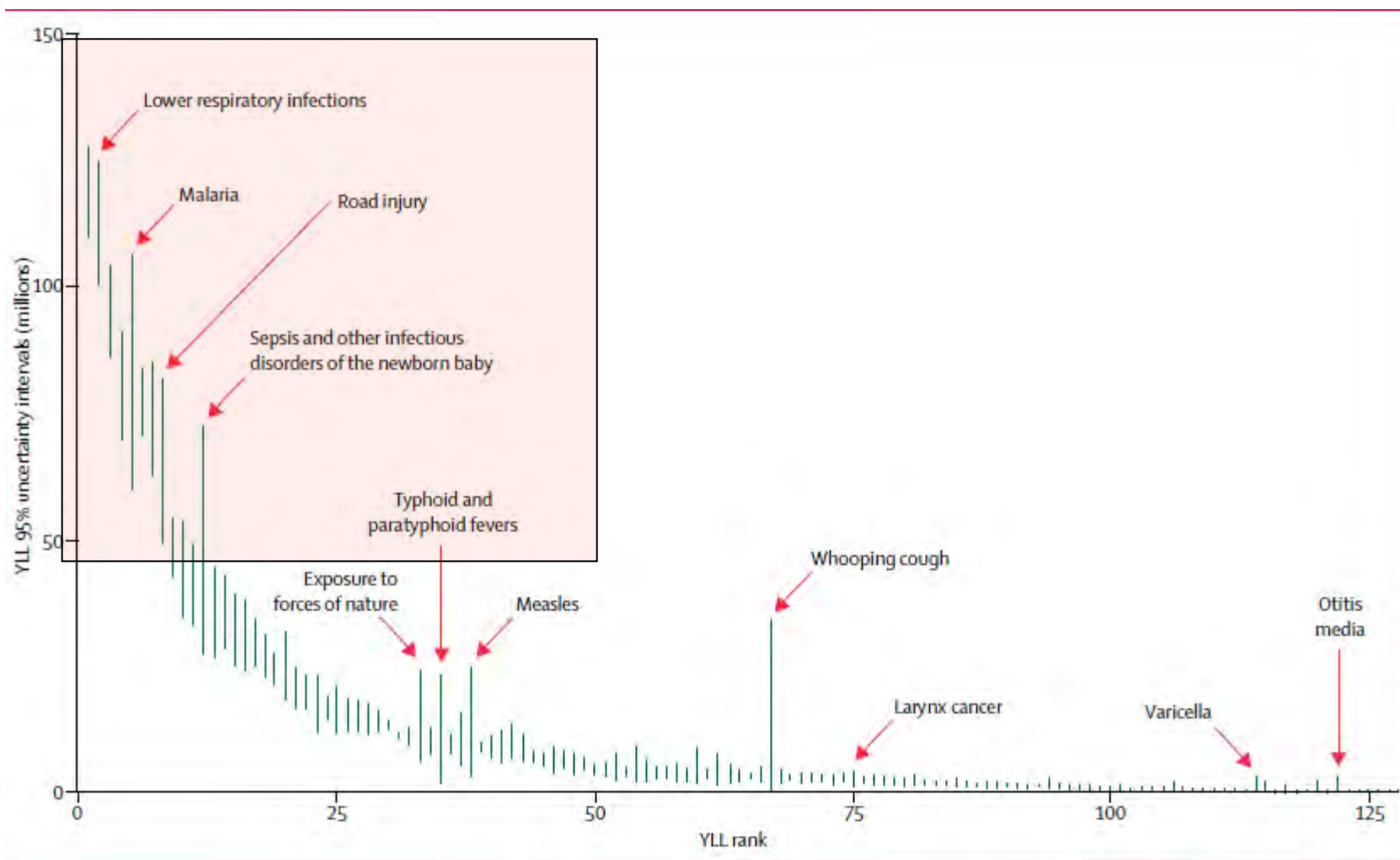
Success Factors: Delineating the Knowledge Gaps on the Burden of Sepsis



Global estimates of hospital treated sepsis cases/year 30.7 million at least six million deaths

About 80% of the global mortality caused by infections occur in LIMCS and MICS

Improving the representation of Sepsis in the GBDR



Success Factors: Improving the Knowledge on the Burden of Sepsis

- **Severe Sepsis 687/100 000**
- **Mortality 19.8%**
- **Only 15% coded in ICD**

Extrapolation for Europe

- **Annual Sepsis Cases 3.427.521**
- **Annual Deaths: 678.649**

Between 2009-2014 In The US Less Than 50% of Sepsis Cases were Coded In the ICD-9

- According to EHRs 5.9% of all admissions had sepsis. Neither the incidence nor mortality rate was significantly different from the ICD-9 coded data.
- **Projected national incidence USA 1.67 million cases, 260,000 deaths.**
- The incidence of sepsis was 2.5% compared to 2.5% and 2.5% for the ICD-9 coded data.

Bloomberg ▼

America Has a \$27 Billion Sepsis Crisis



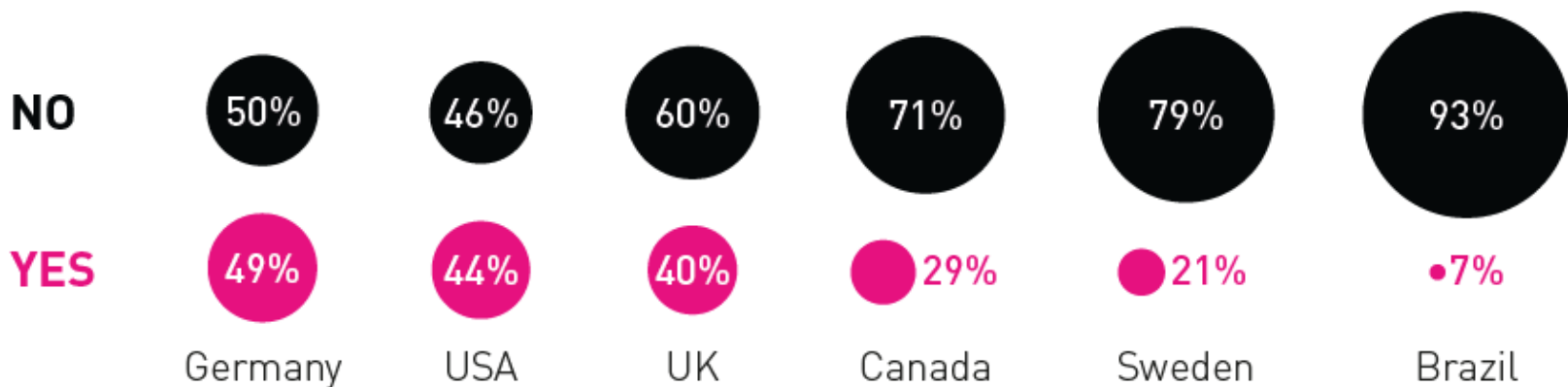
America Has a \$27 Billion Sepsis Crisis

New data suggest a striking rise in the deadly syndrome, but hospitals have a profit-motive to find it—and it may have been there all along.

Assessing the Poor Awareness and Knowledge on Sepsis

Sepsis Awareness

Have you ever heard the term “Sepsis”?



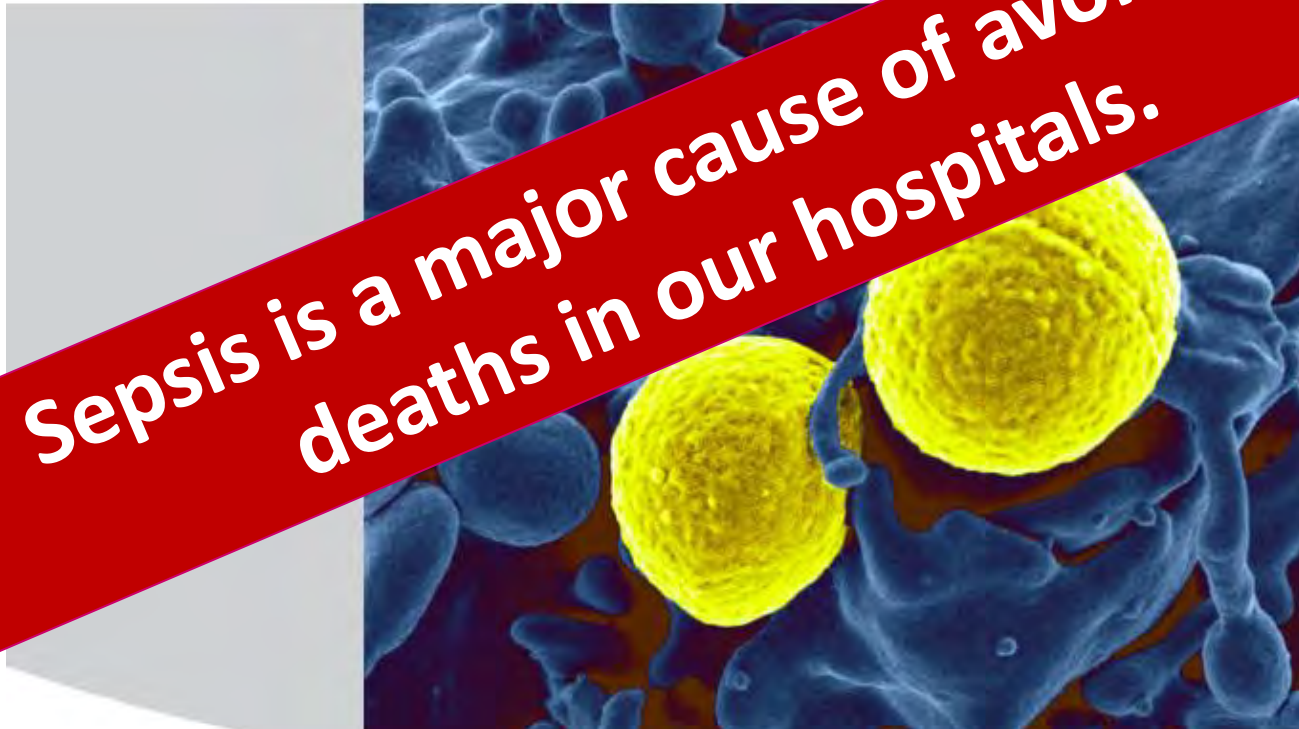
Documentation of the Poor the Quality of Sepsis Care

Report by the National Confidential Enquiry into Patient Outcome and Death – 2015 in UK

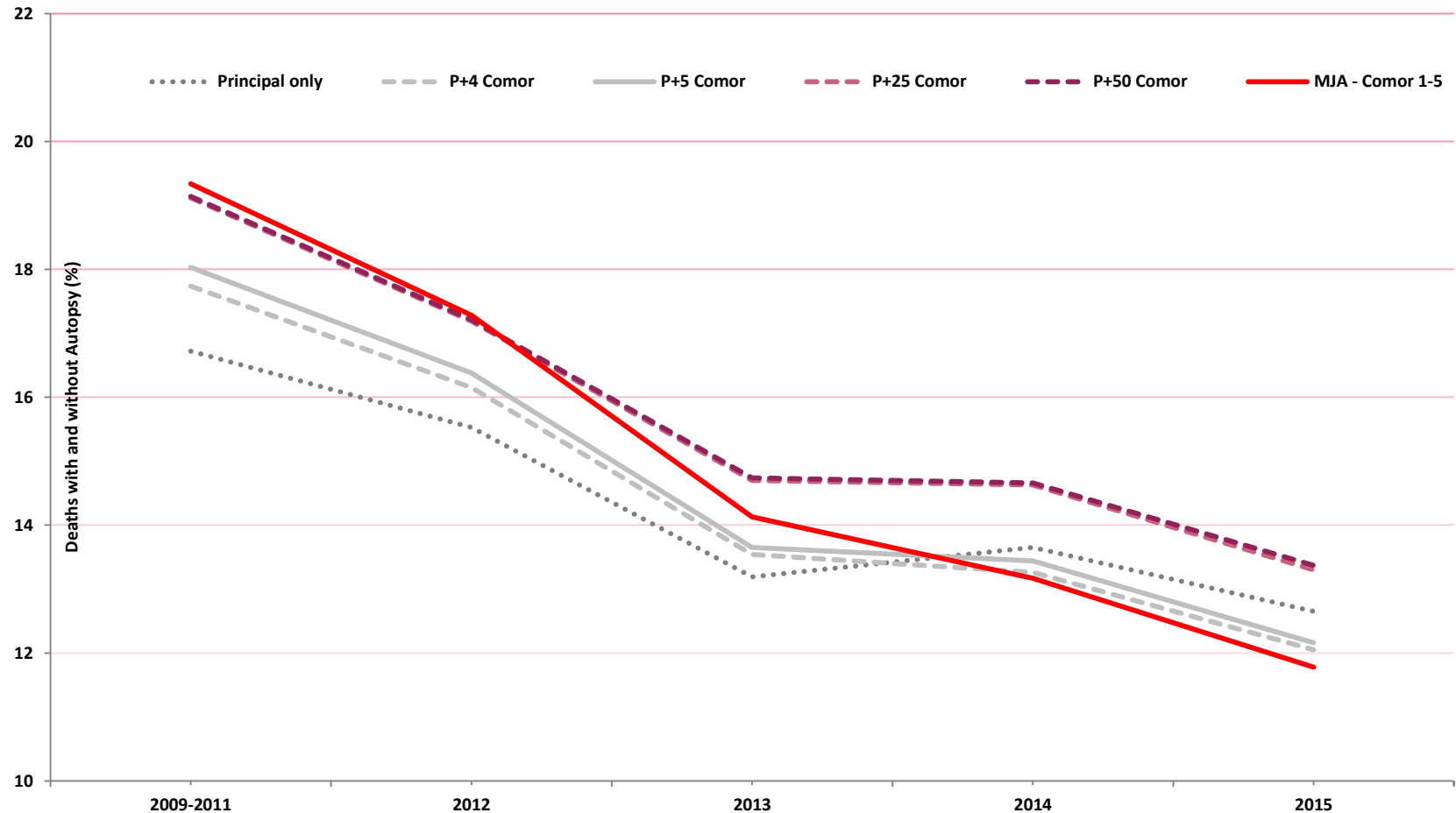
Just Say Sepsis!

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

Sepsis is a major cause of avoidable deaths in our hospitals.



Demonstrating That The Quality of Sepsis Management Can Be Improved



Courtesy H. Lander NSW Clinical Excellence Commission

Elaborating the Inequalities in Sepsis Mortality Among Different Countries

• Australia	2000-2012: 35,0%	➡	18,5%
• England	2000-2012: 45,5%	➡	32,1%
• USA	2009-2014: 39,9%	➡	23,2%
• Germany	2010-2013: 47.8%	➡	43.6%
• Brazil	2015		55,7%
• Turkey	2015		62,6%



World Sepsis Day: 13 September 2014

13th World Sepsis Day banner and the following information that joined forces with other healthcare professionals to observe the World Sepsis Day. The campaign is a global effort to raise awareness of sepsis and its consequences and to improve the care of patients with sepsis. The campaign is a global effort to raise awareness of sepsis and its consequences and to improve the care of patients with sepsis.

World Sepsis Day
The campaign is a global effort to raise awareness of sepsis and its consequences and to improve the care of patients with sepsis. The campaign is a global effort to raise awareness of sepsis and its consequences and to improve the care of patients with sepsis.

What you can do
Health Care Professionals: Do what you can to prevent sepsis. Patients: Do what you can to prevent sepsis. Patients: Do what you can to prevent sepsis.

A truly global effort to fight sepsis.
On every continent. In over 40 countries.



Google hits as of January 2018 for the following World Health Days:

- Sepsis 9.4 Mio
- AIDS 15.7 Mio
- Cancer 17 Mio

Developing Novel Approaches for Education and Communication



15 000 Registrants
50 000 Viewers/Listeners



These Joint Efforts Resulted in an Increase in Sepsis Awareness 2013-2016

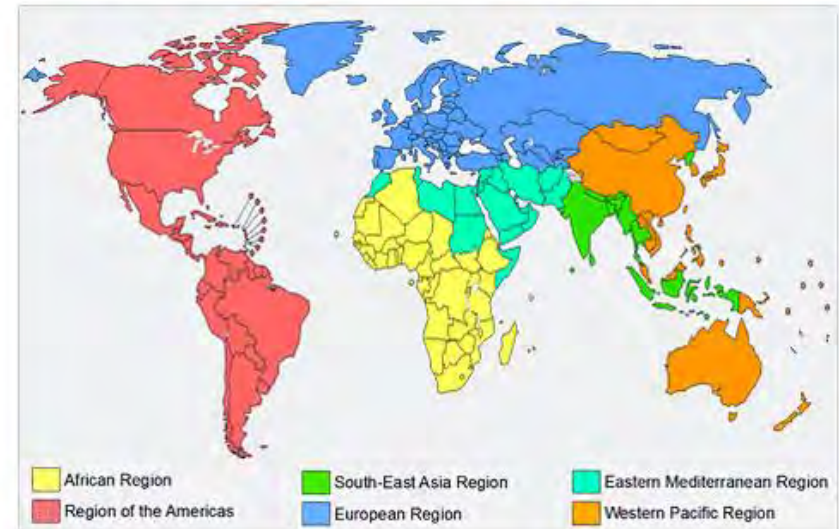
•USA	44% to 55%
•UK	40% to 67%
•Germany	49% to 62%
•Brasil	7% to 14%

GSA Key Goals for 2018- 2020



- Have a Global Sepsis Action Plan
- National cross-sectoral coalitions in at least 50% UN member states
- At least 25% of countries with effective and funded national sepsis plans in place
- Regional sepsis alliances in all continents where WHO holds regional offices
- Have World Sepsis Day mandated by WHA/WHO

WHO regional offices



WHO Member States are grouped into six regions. Each region has a regional office. The map shows the WHO regions and the location of the regional offices.

Countries With Nationwide Sepsis Activities or Intended national Sepsis Plans:

- Australia
- Abu Dhabi
- Brazil
- Canada
- England
- Germany
- Ireland
- Oman
- Scotland
- Spain
- Saudi Arabia
- Sudan
- Turkey
- Wales
- Uganda
- USA/ New York State...

The Kampala Declaration

Commitment to improve care for sepsis and severely ill patients in Africa



Kampala, Uganda 20 October 2017

The African Sepsis Alliance, the African Federation of Critical Care Nurses, the Global Sepsis Alliance, and the World Federation of Critical Care Nurses call for urgent and effective national and international action to develop and implement sepsis improvement programmes throughout Africa.

preventable cause of death in Africa, resulting in over two million estimated deaths per year in Africa. It kills young people in Africa and leads to a disproportionate number of years of life lost.

- II. Acknowledging that there are variations, health care services in Africa are currently ill equipped to identify and look after severely ill patients such as those with sepsis. The existing inadequate data and

Sepsis -

The Most Preventable Cause
of Death and Disability
in Europe



A Call to Action

Brussels, March 20th, 2018

14:30 – 19:45

Venue to be announced at a later date

MORE INFORMATION & FREE REGISTRATION

<https://www.global-sepsis-alliance.org/acalltoaction>



Patron: EU Commissioner
for Health & Food Safety,

Vytenis Andriukaitis

„The time to act on sepsis
is now. Through concerted
efforts by all member states,
the EU has the opportunity to
save hundreds of thousands of
lives and improve the quality
of life for survivors“



Objectives and Expected Results

To highlight the human and economic burden of sepsis

Each year in Europe, more than 3.4 million individuals develop sepsis, 700,000 do not survive, and an additional one-third of survivors die during the following year. Many survivors face life-long consequences, such as new physical, mental, and cognitive impairments.

To point out that

prevention

To support the implementation of the requests of the WHO

The 2017 WHO Resolution "Improving Prevention, Diagnosis and Clinical Management of Sepsis" urges UN Member States to develop national strategies to increase public awareness and implement training for all healthcare professionals on infection prevention and the early recognition and management of sepsis.

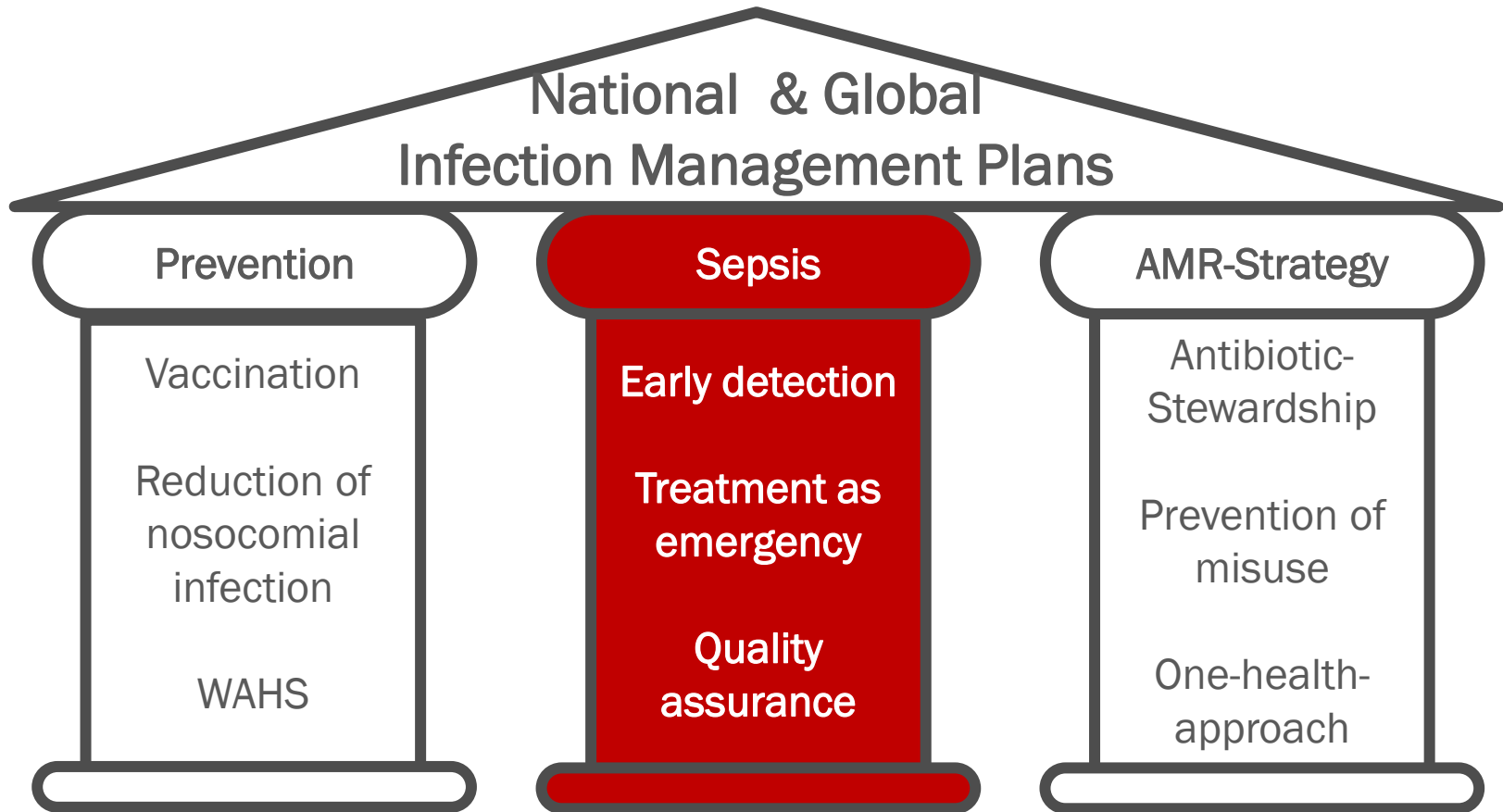
The development and implementation of a Pan-European sepsis strategy

Bringing together all stakeholders, including patients and their families, with the aim to increase understanding that improvement of early recognition and appropriate management of sepsis must become the keystone of the Pan-European infection management strategy.

To achieve these objectives, we will launch the European Sepsis Alliance (ESA).

To achieve these objectives we will launch
the European Sepsis Alliance on March 20th

Sepsis Must Become The Keystone of Any Infection Management Plans



Share Our Vision



A World Free of Sepsis