

# SURGERY AS A PUBLIC HEALTH ISSUE

Motec Life UK – playing our part in a  
global world

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*A New Era of  
Surgical Care*



# Motec breast clinic – working with local staff and with the minimum





# The burden of disease



## *Global Disease Fatalities (2010)*



*HIV*  
*1.46 million*



*TB*  
*1.20 million*



*Malaria*  
*1.17 million*

# The extent of the problem- widespread in the developing world



Lack of Surgical Care

***18.6 million  
fatalities***

# Treatable conditions by surgery

*Caesarean*



64%

*Laparotomy*



58%

*Open Fracture*



40%

# Transformation through surgery- Motec's surgical transformation



Without it, easily treatable  
conditions lead to  
*death or disability*



# Simple procedures can make a difference



*Surgical care*

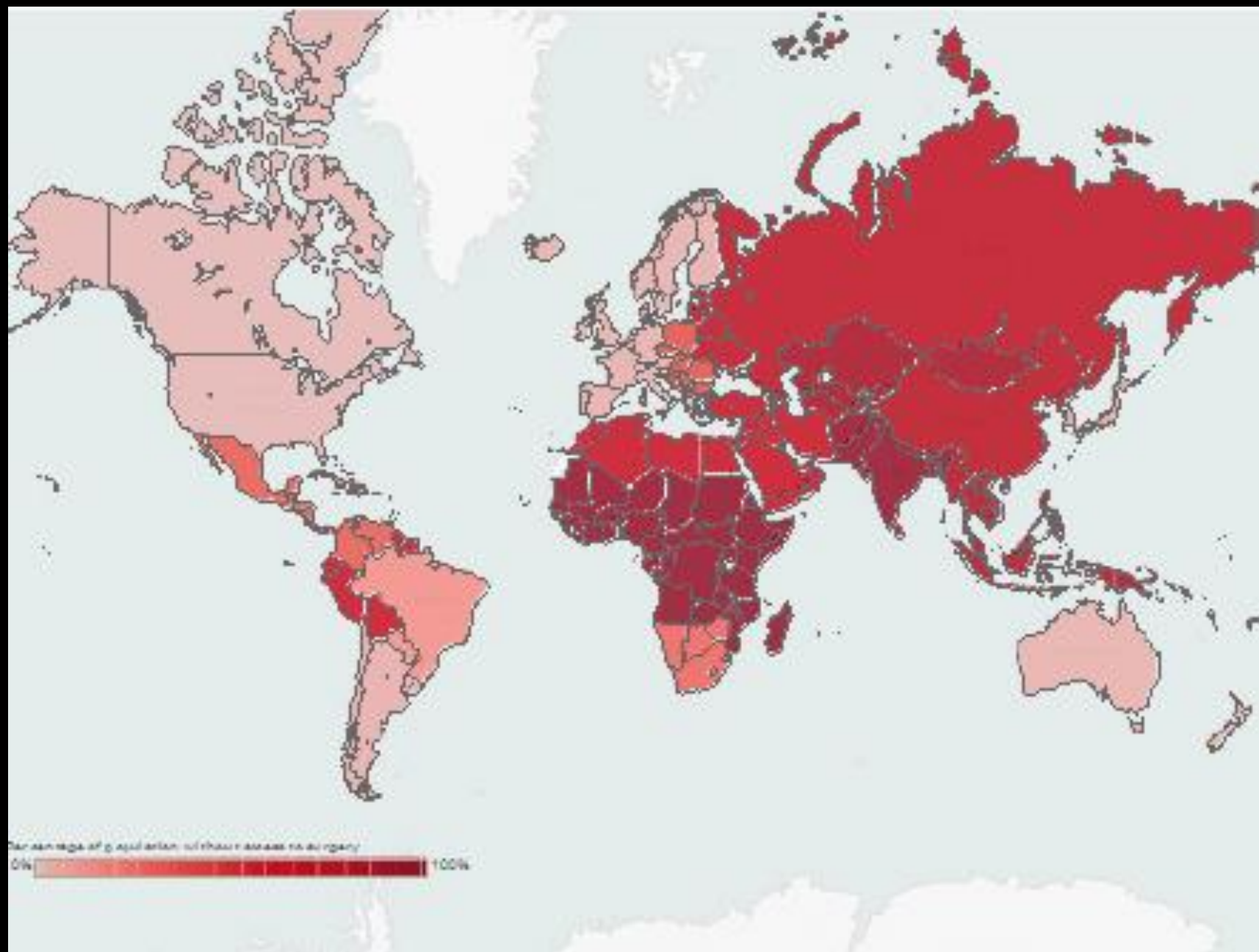
represents **30%** of the  
global burden of disease

# Access to surgery – Motec on a ward at a local hospital in Ghana



*5 billion* cannot  
access surgery when  
needed

*81 million* face crippling  
costs



# The demand – Motec teaching in the operating theatre



***143 million***  
extra procedures per year

***2.2 million***  
more surgeons, anaesthetists  
and obstetricians needed



# The cost



***\$350,000,000,000***  
needed for surgical expansion  
(2015 - 2030)

# Doing nothing costs more



***\$12,300,000,000,000***

Total GDP losses from NOT  
funding this expansion (2015-  
2030)

# Surgery saves lives and promotes economic growth



*Surgery* is an  
*indivisible,*  
*indispensable* part of  
healthcare

- investment in surgery is affordable, saves lives and promotes economic growth



# Motec building on success of surgery and education



*Where do you fit in?*



# Governments have a responsibility to her people



*Governments* must  
*strengthen surgical  
services*

(and the national health  
services that support them)

# Surgical services to be strengthened



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# Health Goals – Motec with local staff with data analysis



Global health organisations must

*include indicators of surgical care*

in their health goals and monitoring systems

# Practical side



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must

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of surgical care*

in their health goals  
and monitoring systems



# Motec at Cape Coast - collaborating for improvements



International partners  
should *support*  
*local leaders* in  
their efforts to provide  
equitable surgical care

# Local support by Motec – education and training



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# Breast Cancer care in rural Ghana by Motec



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# Investment in surgery – Motec lobbying at the House of Lords



Funding agencies must *invest in surgical care as a tool for alleviating poverty* and improving welfare



# Mobilising local people as part of the global effort- Motec in Hertfordshire



The *general public must lobby for access to surgical services* for all.

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**Thank You!**



# INVITATION

- Global efforts start locally
- Join us to help the world.