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VIIICONGRESSO NAZIONALE ECOCARDIOCHIRURGIA 2016

ASST Ospedale Niguarda "Cà Granda", Milano 1° S.A.R.

Direttore Prof. R. Fumagalli

Disclosures: none

TAKE HOME DI ECOCARDIOCHIRURGIA 2016

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La sfida di ridurre le infezioni nosocomiali Giampaolo Casella (Milano)







ICA infezioni correlate all'assistenza





HAI healtcare associated infection

almeno 30% evitabili







75.000 dec. 9.8 Bilioni di \$



37.000 dec. "diretti" 110.000 "contribuito" 13-24 Bilioni di €







HAI

• Italia: 450.000 / 700.000 HAI

4500-7000 decessi

più di 3 Mil gg di ricovero 900 Mil € / anno

almeno 30% evitabili:

135.000 / 210.000 infezioni

1350 / 2100 decessi

900.000 gg di ricovero





HAI

4 categorie responsabili di > 80% HAI

- Catheter associated urinary tract inf (CAUTI 32%)
- Surgical site inf (SSI 22%)
- Lung (HAP or VAP 15%)
- Central Line Ass. Blood Stream Inf (CLABSI 14%)





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CLABSI (Central Line Associated Infection)
1 su 6 è causata da batteri "difficili" o MDR

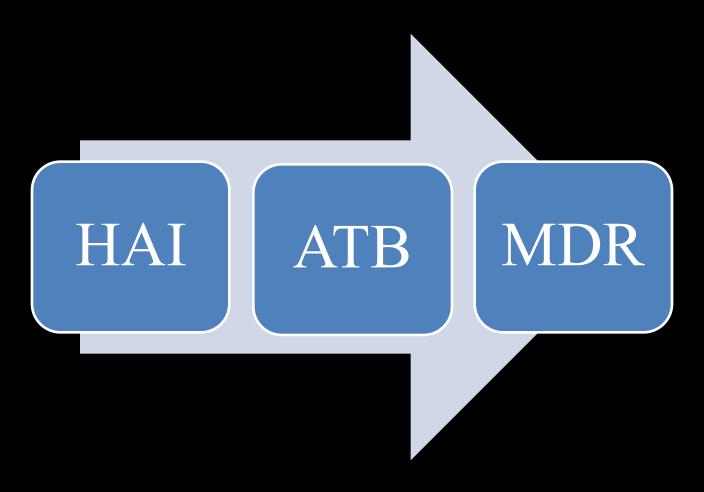
CLABSI: 41.000 episodi

18.000 in ICU









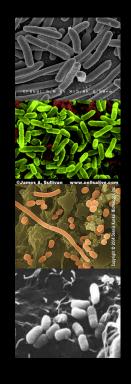
Da MDR, non si torna più indietro







2012 > 2014 Italy MDR in %



- E. Coli 10 > 13.8
- Pseud Ae. 21 > 31.5
- Acineto Baum. 74 > 86
- KPC 15 > 32







2012 > 2014 Italy MDR in %

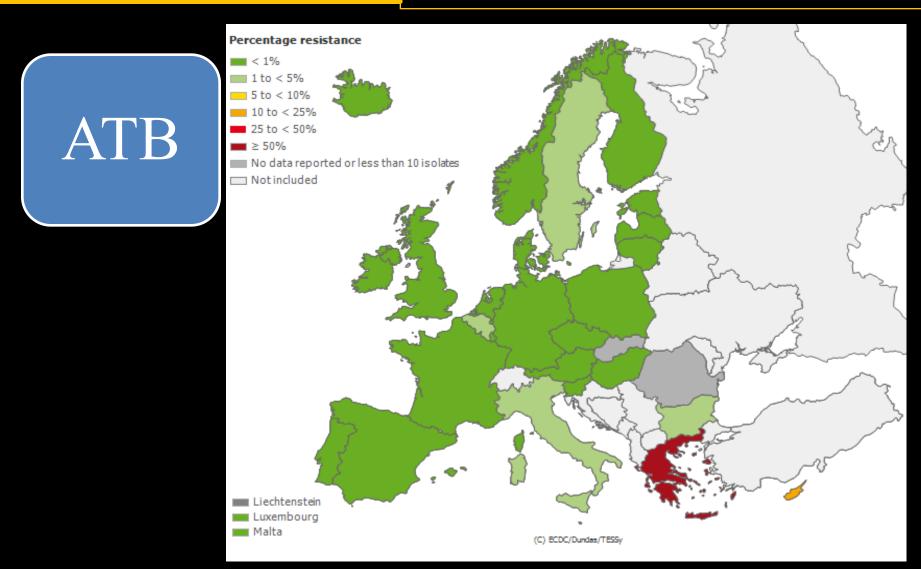


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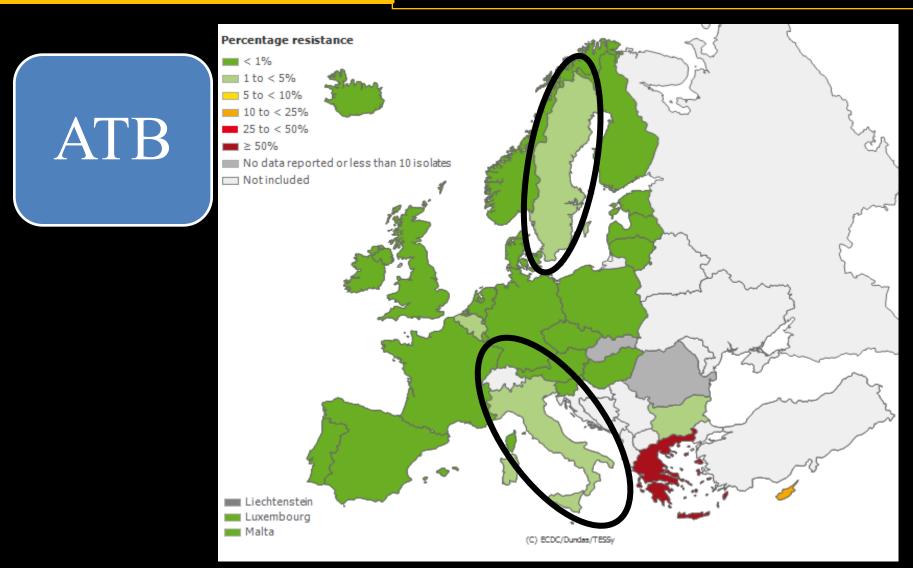






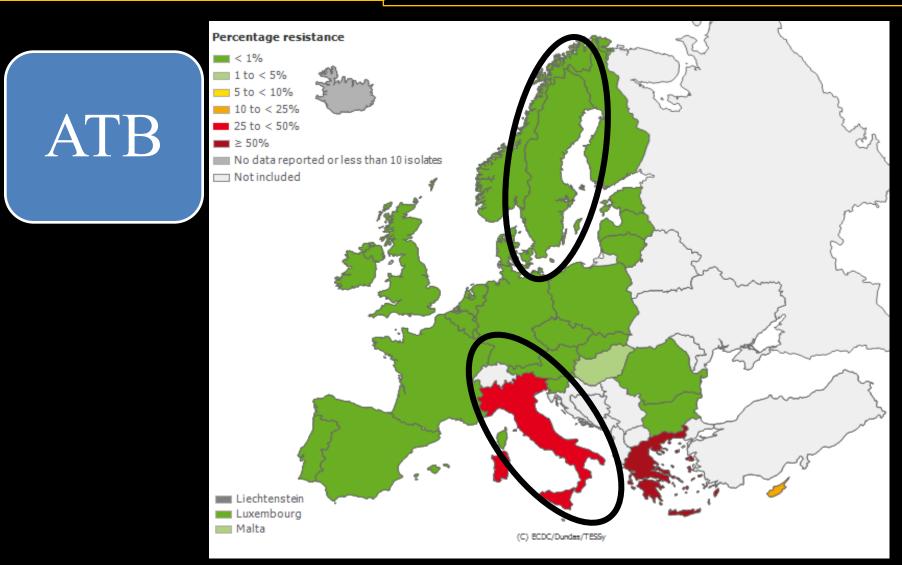








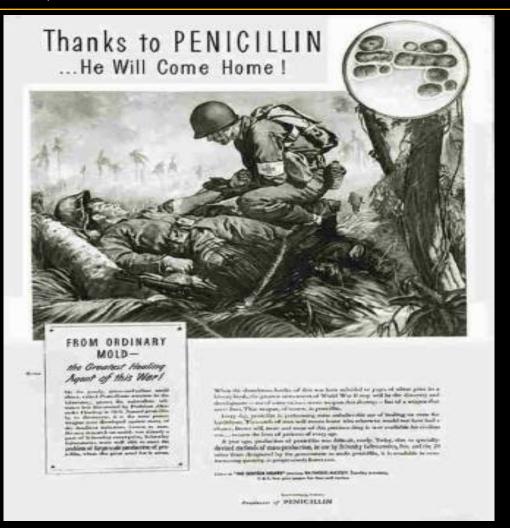








ATB











FROM ORDINARY MOLD-

the Greatest Healing Agent of this War!

the two parts from the expense of the latest variety of the second parts of the latest variety of the latest v

When the distribution has been of does not been exhibited to proposed when principles to a larger band, the principles of several world Ward Was I may not be distributed as a facility of the control of

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CRITICITA' ITALIA

HAI Italia 6.6% vs 6.0 in EU

MDR Italia molto > di EU

Trattamento ATB Italia 44% vs EU 35%

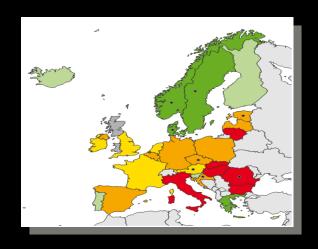






CRITICITA' ITALIA





GEL alcoolico per lavaggio mani : Italia = ¼ dei paesi scandinavi















Giornata mondiale del lavaggio mani: 5 Maggio









ICAAC : Interscience Conference on Antimicrobial Agent and Chemiotherapy

40% si lavano le mani

Se c'è un'altra persona il soggetto che esce si lava le mani





Che fare?

MARCH 2015





National Action Plan to Prevent Health Care-Associated Infections:

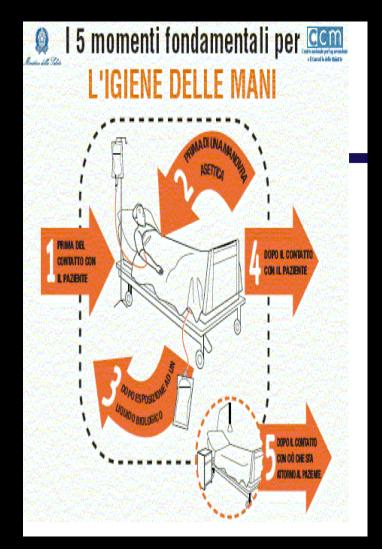
ROAD MAP TO ELIMINATION





ATB:

- Stewardship atb
- Lotta feroce ai carbapenemi
- De escalation
- "Strike early strike hard" (§)
- Stretta adesione protocolli int.







GEL alcoolico ogni letto

T- in ingresso e 2/sett

T- Acineto isolamento tecnico

•T- KPC isolamento STRUTTURALE

(-1!) / coohorting

Check-list quotidiana devices

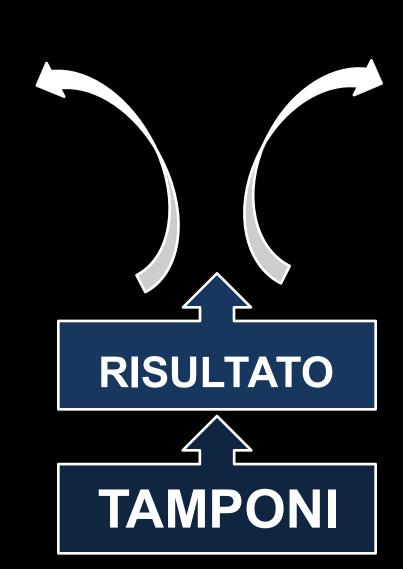
Stretta Adesione BUNDLES





MDR

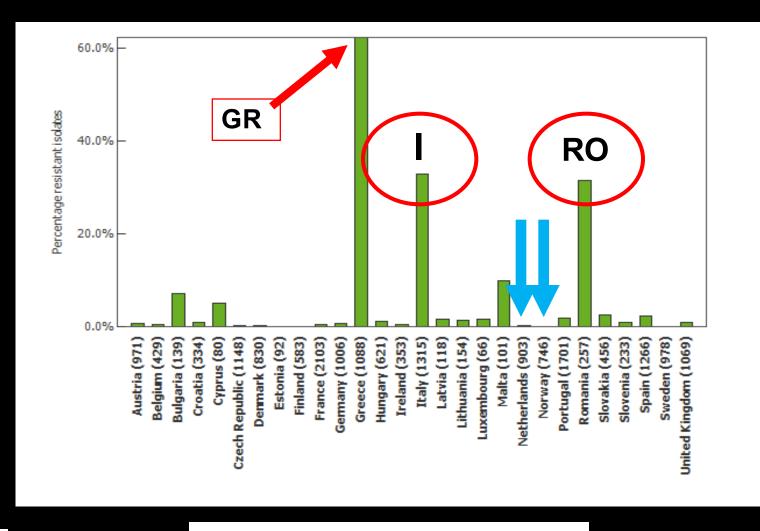
Amsterdam Copenaghen

















"Stewardship"



: il 50% delle somministrazioni di ATB in USA sono inappropriate.

Errori più frequenti:

- bassa dose troppo a lungo
- ritardata / assente de- escalation





The staff of the MSICU is committed to providing the highest quality care to our patients and



their families, including eliminating hospital acquired infections.

Congratulations 7 South

Longest Streak without a Catheter Associated Bloodstream Infection 394 Days December 2010





96

Days

Since our last Catheter-Associated **Urinary Tract Infection**



It has been

202

Days

Since our last Ventilator-Associated

Pneumonia



52

Lounge



Cortesia Dr. F. Tardini









- Migliaia di morti, eppure non è una malattia inguaribile
- Il 30% di HAI è facilmente evitabile, così mortalità morbidità e costi
- Inizia col lavaggio mani con gel alcoolico e prosegue con l'adesione alle BUNDLES; non dobbiamo studiare o imparare nulla di più
- E' un nostro dovere anche riguardo alle prossime generazioni

TAKE HOME DI ECOCARDIOCHIRURGIA 2016

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"Se porti un paniere di uova, non danzare."

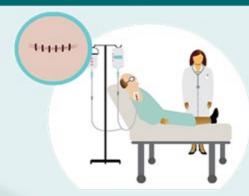
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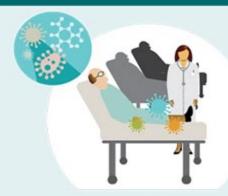




Protect patients from antibiotic-resistant infections.



Surgeries and single-use catheters help treat patients, but they can be pathways for bacteria to enter the body.



Bacteria can be spread when appropriate infection control actions are not taken.



Antibiotics save lives, but poor prescribing practices puts patients at risk.

Combine infection control actions with every patient to prevent infections in health care.



Prevent infections from catheters and after surgery.



Prevent bacteria from spreading.



Improve antibiotic use.

SOURCE: CDC Vital Signs, March 2016

Fine, grazie



