ABOUT ANTIMICROBIAL RESISTANCE

WHAT IS ANTIMICROBIAL RESISTANCE (AMR)?

- Selection and spread of antibiotic resistance elements
- Treatment failure
- Higher morbidity and mortality
- Increased costs
- Reduced treatment options

RESISTANT MICROORGANISMS

Percentage of antimicrobial resistances of most frequent organisms that cause health-care acquired infections

<table>
<thead>
<tr>
<th>Organization</th>
<th>Year</th>
<th>Percentage of AMR</th>
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<tbody>
<tr>
<td>WHO</td>
<td>2015</td>
<td>1.2 million</td>
</tr>
<tr>
<td>WHO</td>
<td>2020</td>
<td>1.5 million</td>
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<tr>
<td>WHO</td>
<td>2025</td>
<td>1.8 million</td>
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<tr>
<td>WHO</td>
<td>2030</td>
<td>2.0 million</td>
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<tr>
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<tr>
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<td>WHO</td>
<td>2045</td>
<td>2.6 million</td>
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<tr>
<td>WHO</td>
<td>2050</td>
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FACTS

- Antimicrobial resistance is a serious threat to public health in Europe.
- 68% of antimicrobials are prescribed for the treatment of an infection.
- Antimicrobial resistance costs are estimated to be €1.2 trillion.
- AMR now costs the world up to €1.2 million per year.

STUDIES SHOW:

- Positive correlation between hand hygiene compliance improvement and decrease of vancomycin-resistant organisms.

PREVENT INFECTIONS – FIGHT AMR

- Wound cleansing with Prontosan®
- Catheter maintenance with Uro-Tainer®
- Hair removal foam
- Hand hygiene with Softa-Man® / Softalind®
- Decolonization with Prontoderm®

ACTION REQUIRED

- A rational use of antimicrobials
- Prevention and control strategies targeting all healthcare sectors
- Investment in research and development of new antibiotics

STOP MICRO-ORGANISMS

- Stop micro-organisms from growing and multiplying
- Prevent biofilm formation
- Prevent infection

AMR IN 2050

- 10 million people will die from AMR
- 1.2 million road traffic incidents
- 68% of antimicrobials will be prescribed
- 130,000 deaths from measles
- 60,000 deaths from tetanus
- 60,000 deaths from diarhoeal disease
- 60,000 deaths from cancer
- 10 million deaths from diabetes
- 8.2 million deaths from cancers
- 1.3 million deaths from diabetes

B. BRAUN AGAINST AMR

- B. Braun is committed to contributing to the fight against antimicrobial resistance.
- B. Braun is actively involved in the implementation of the European Union’s AMR Action Plan.
- B. Braun supports national and international initiatives to combat AMR.
- B. Braun is committed to providing high-quality products and solutions that help prevent and control infections.

ABOUT THE AUTHORS

- B. Braun, a leading international medical technology company, has been committed to improving healthcare for more than 125 years. The company is headquartered in Melsungen, Germany, and has operations in over 50 countries worldwide.
- B. Braun’s commitment to healthcare is reflected in its core values of quality, innovation, and sustainability.
- B. Braun is dedicated to developing and promoting products and services that support healthcare professionals in their daily work and improve patient outcomes.