GET SMART About Antibiotics Week
WWW.CDC.GOV/GETSMART

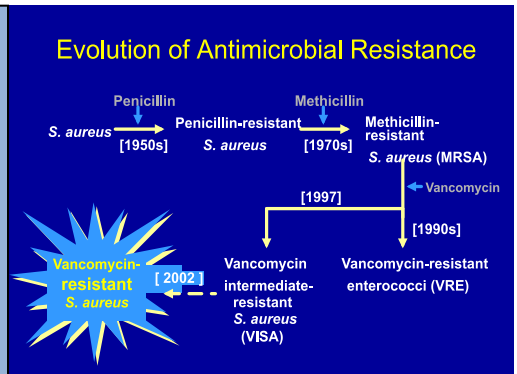
Content Provided by:

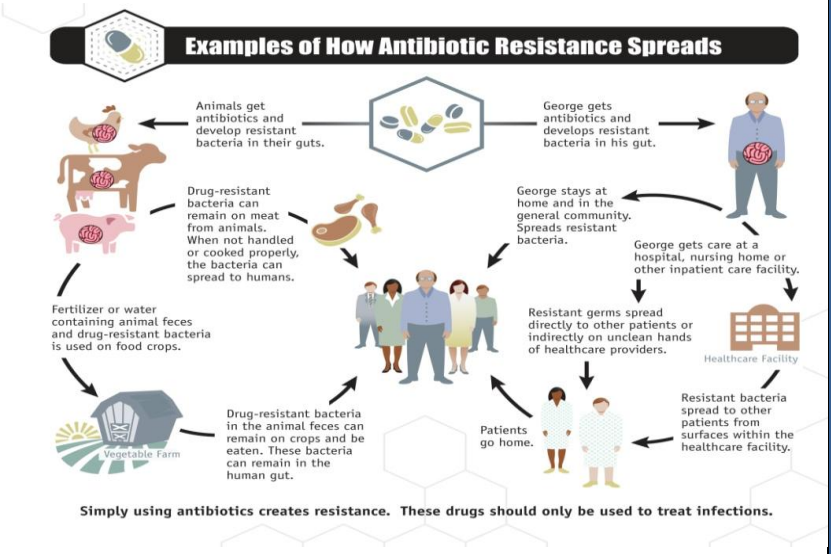
all children's hospital
JOHNS HOPKINS MEDICINE

Boston Children's Hospital
Until every child is well

ANTIBIOTIC RESISTANCE

- Antibiotic use leads to resistance
- CA-MRSA accounts for 40-75% of *S. aureus* isolates at children's hospitals
- Multi-drug resistant gram negative bacteria are increasing
- Fewer new antibiotics are being released





Did you know?

Up to 50% of antibiotic use in the hospital is inappropriate

Fluoroquinolone use is associated with increased rates of MRSA and multi-drug resistant Gram negative rods

Use of antibiotics in **agriculture** contributes to resistance rates

FIVE THINGS TO DO TODAY TO HELP

1. Treat infection, not colonization
2. Know your local resistance patterns
3. Avoid duplicate therapy
4. Select duration wisely
5. Check if your hospital purchases antibiotic free meat products

SELECT THE…

Right Drug based on microbiology

Right Dose to avoid toxicity

Right Duration to reduce resistance

SHARPS Collaborative: Children's Mercy Hospital & Clinics , Children's Hospital of Philadelphia, Cincinnati Children's Hospital, Lurie Children's Hospital of Chicago, Children's Hospital of Omaha, Primary Children's Medical Center, Seattle Children's Hospital, All Children's Hospital, Arkansas Children's Hospital, Boston Children's Hospital, Children's National Medical Center, Colorado Children's Hospital, Helen DeVos Children's Hospital, Miami Children's Hospital, Riley Hospital for Children at IU Health, Rady Children's Hospital, Texas Children's Hospital, Lucille Packard Children's Hospital, Children's Hospital Association

Content Provided by:

SHARPS Collaborative: Children's Mercy Hospital & Clinics , Children's Hospital of Philadelphia, Cincinnati Children's Hospital, Lurie Children's Hospital of Chicago, Children's Hospital of Omaha, Primary Children's Medical Center, Seattle Children's Hospital, All Children's Hospital, Arkansas Children's Hospital, Boston Children's Hospital, Children's National Medical Center, Colorado Children's Hospital, Helen DeVos Children's Hospital, Miami Children's Hospital, Riley Hospital for Children at IU Health, Rady Children's Hospital, Texas Children's Hospital, Lucille Packard Children's Hospital, Children's Hospital Association