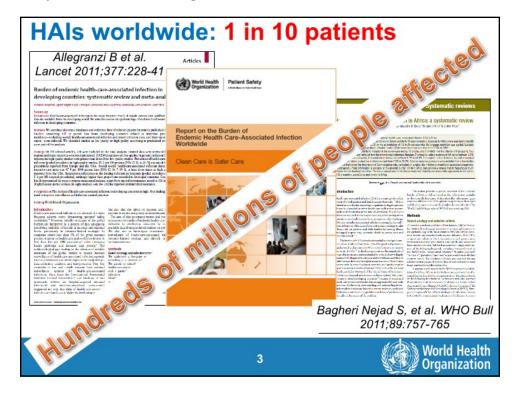
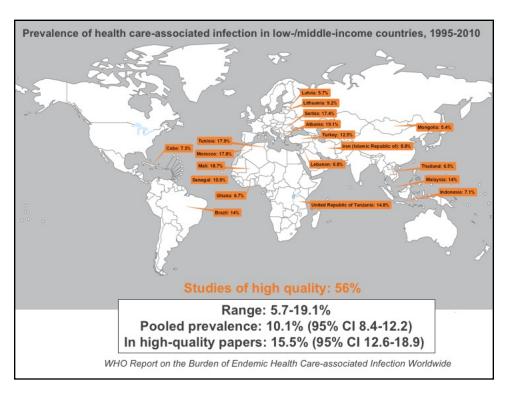


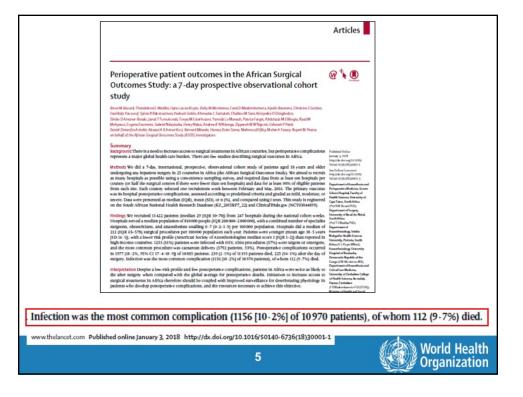


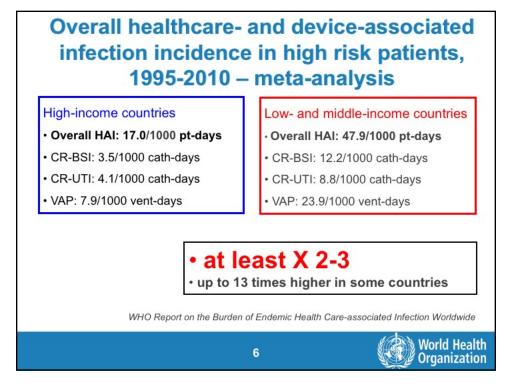
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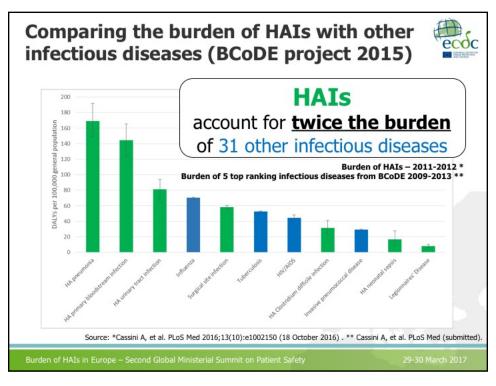
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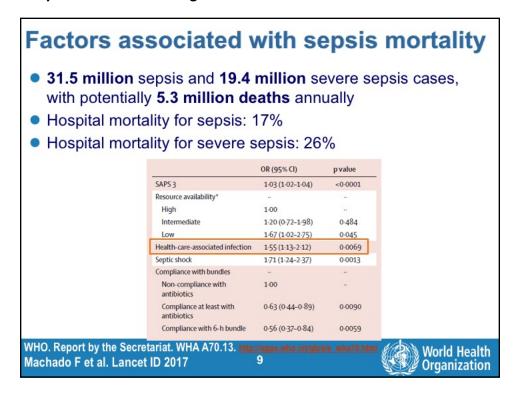


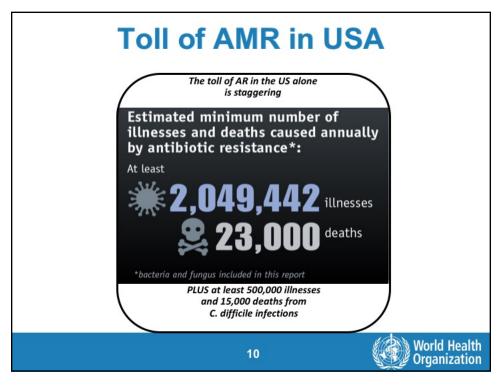
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HAI type	LN- INT	P50 (LN- INT)	HAI inc.%	(95% CI)	N HAIs /year	(95% CI)	% of total HAIs	(95% CI)
Pneumonia/LRT	8.9	6.7	0.95	(0.58-1.66)	860 938	(522 771-1 500 038)	24.4	(14.8-42.5)
Urinary tract	8.0	6.3	0.98	(0.58-1.72)	888 106	(527 129-1 554 275)	25.2	(14.9-44.0)
Surgical site	15.0	9.3	0.60	(0.33-1.17)	543 149	(298 167-1 062 673)	15.4	(8.4-30.1)
Bloodstream	11.3	8.7	0.35	(0.19-0.93)	312 822	(171 262-844 423)	8.9	(4.9-23.9)
Gastro-intestinal	13.3	9.3	0.29	(0.14-0.66)	258 327	(127 121-593 452)	7.3	(3.6-16.8)
Systemic	7.5	5.7	0.26	(0.11-1.82)	236 387	(100 646-1 647 657)	6.7	(2.9-46.7)
Skin/soft tissue	12.8	9.0	0.11	(0.05-0.31)	103 146	(43 564-277 627)	2.9	(1.2-7.9)
Other HAI types	13.2	7.9	0.36	(0.17-0.85)	326 903	(151 302-770 238)	9.3	(4.3-21.8)
Total HAIs ^(a)					3 529 778	(1 941 962-8 250 382)		
HAI	prev	alenc	e: 6%	[8	37,539 af	fected patients ev	ery da	у

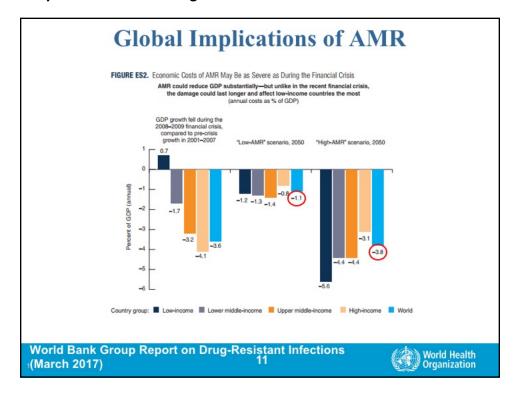


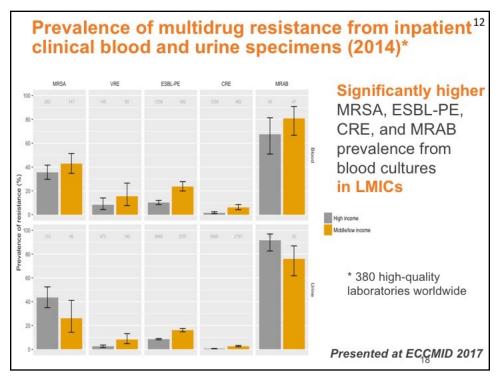
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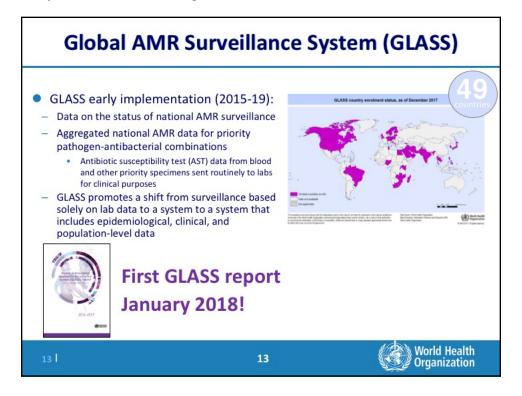


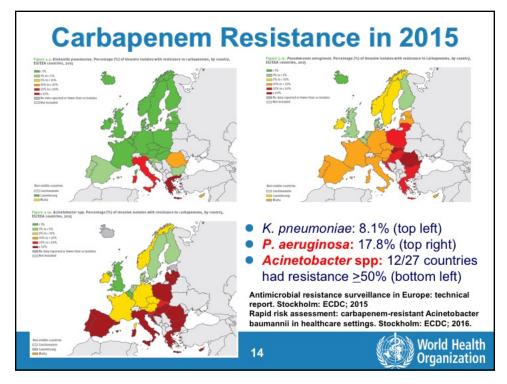
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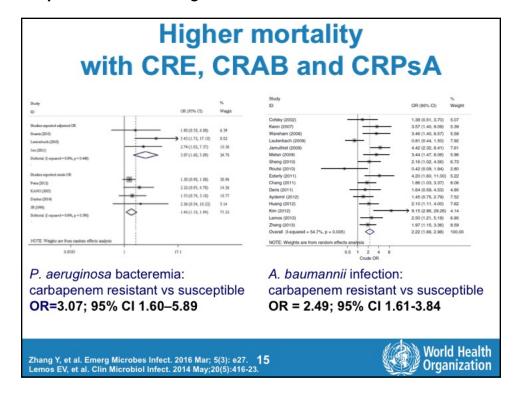


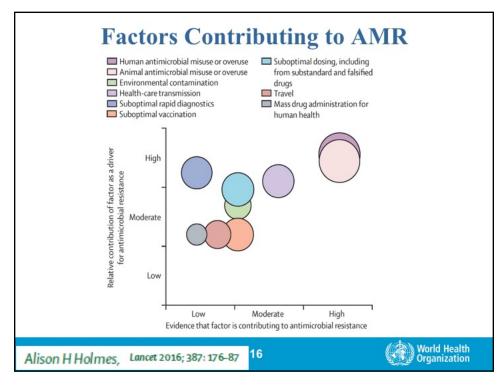
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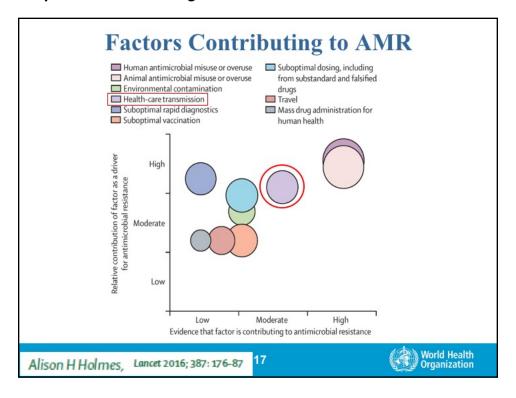


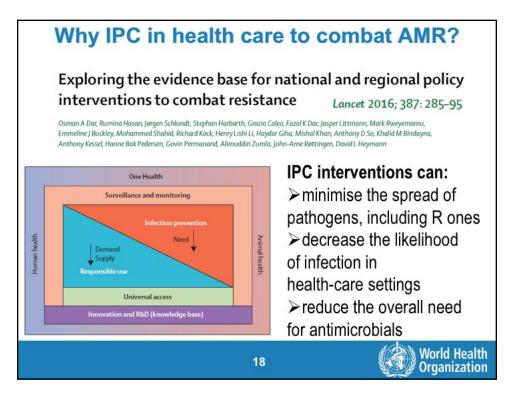
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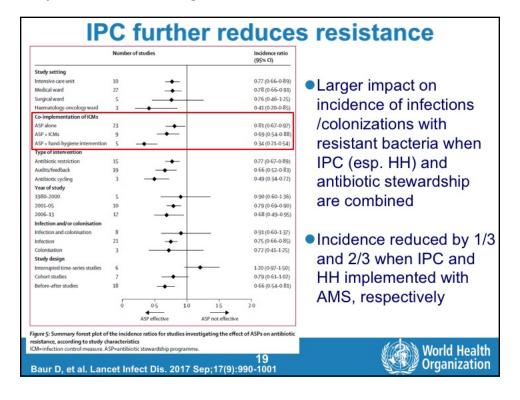


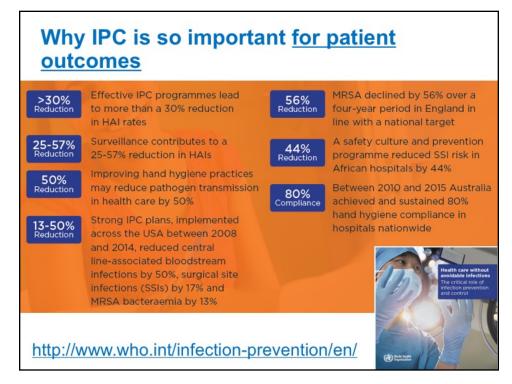
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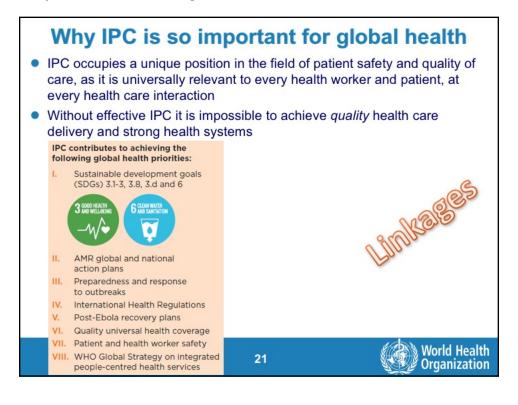


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CDC's International Infection Control Program (IICP): Activities





Respond Rapidly to Outbreaks

- · Provide technical assistance in outbreak investigations in healthcare settings
- Collaborate with domestic and international partners on response efforts to ensure rapid and effective response



Improve Infection Prevention and Control Capacity

- Work with ministries of health to adapt and promote policies, guidelines and training materials for use at the national and local level
- Provide technical assistance for the implementation of infection prevention programs
- · Identify and refine best practices for preventing healthcare-associated infections
- · Promote innovative solutions through domestic and international partnerships



Reduce the Global Burden of Drug Resistance

- Assist in the development of national policies and plans to combat antimicrobial resistance in healthcare settings
- Provide tools and technical assistance for countries to detect, track and respond to antimicrobial resistance in healthcare settings
- · Promote appropriate use of antibiotics

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- Supported collaboratively by WHO and CDC and coordinated by WHO
- to enhance local, national (Member States) and international coordination and collaboration in the field of IPC and
- to support WHO's and Member States' efforts on IPC, from preparedness to IPC systems and programmes' strengthening, outbreak prevention and control, as well as capacity building for surveillance.

Ultimate goal: reduction of HAI (including in the context of outbreaks) and addressing the global burden of AMR in support of all Member States and WHO priorities

http://www.who.int/infection-prevention/about/GIPC_Network/en/



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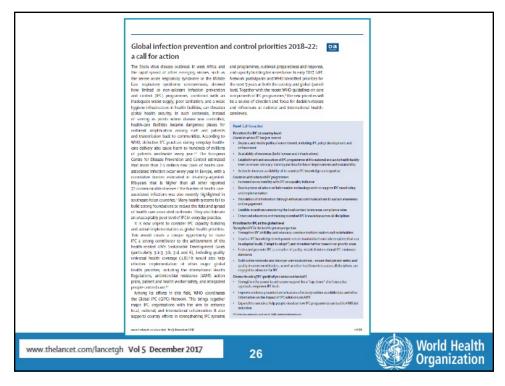


2017- IPC PRIORITIES AND CHALLENGES OVER THE NEXT 5 YEARS

- · At national level:
 - > for settings where IPC has just started
 - for settings with advanced IPC programmes
- At global level

http://www.who.int/infection-prevention/about/GIPC_Network/en/



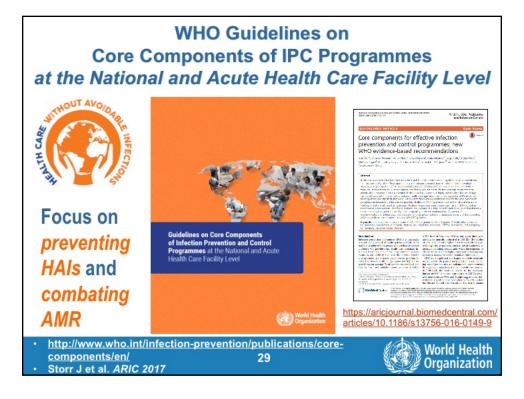


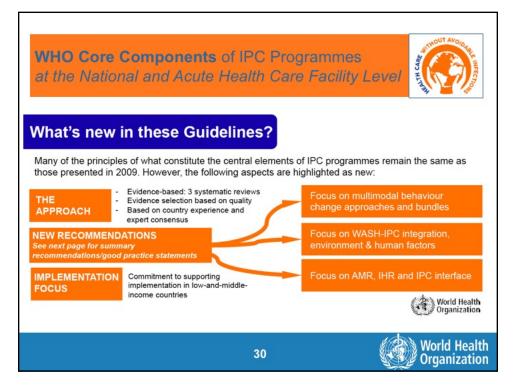
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Priorities for IPC at country level Countries where IPC has just started Decisive and visible political commitment, including IPC policy development and enforcement Availability of resources (both human and infrastructure) Establishment and execution of IPC programmes at the national and acute health facility levels to ensure advocacy, training and data for future improvement and sustainability Action to increase availability of in-country IPC knowledge and expertise World Health Organization

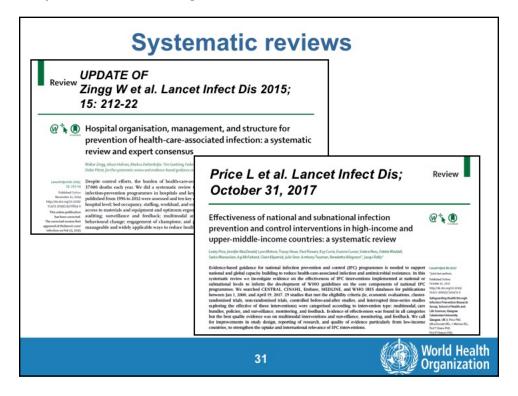
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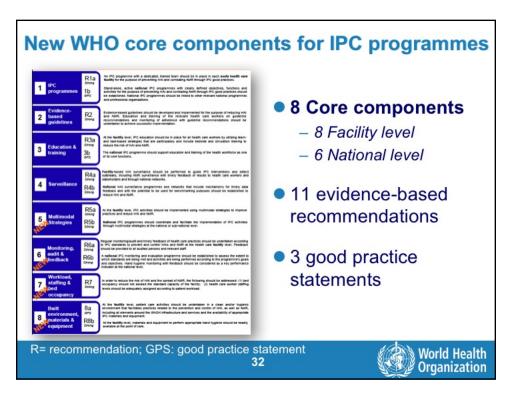
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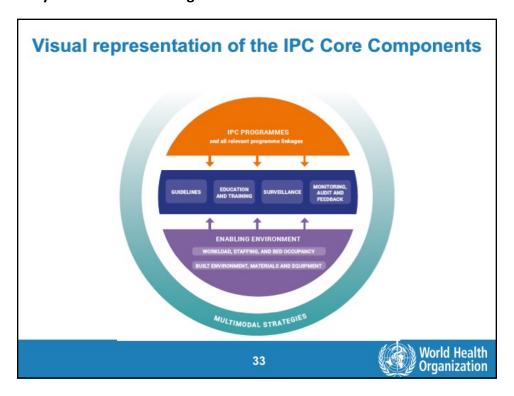


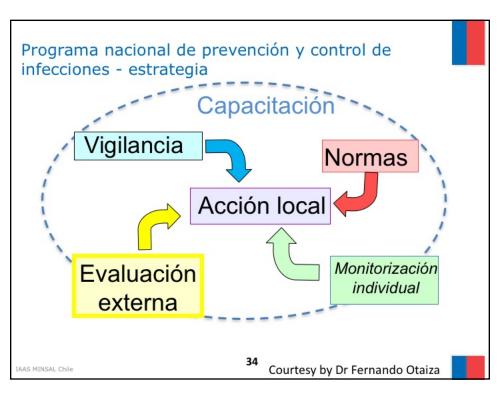
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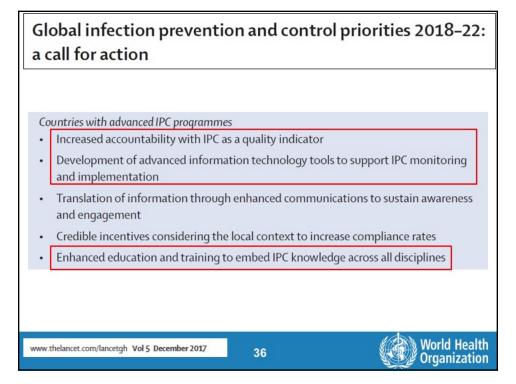
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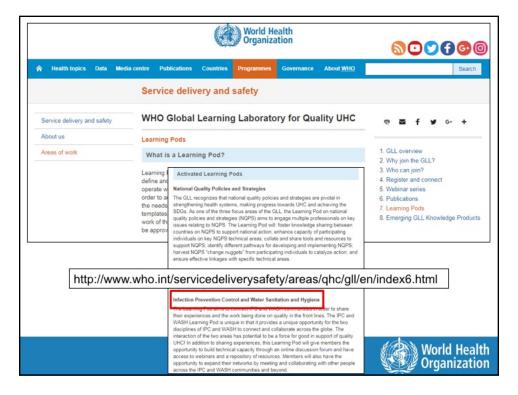


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Countries with advanced IPC programmes Increased accountability with IPC as a quality indicator Development of advanced information technology tools to support IPC monitoring and implementation Translation of information through enhanced communications to sustain awareness and engagement Credible incentives considering the local context to increase compliance rates Enhanced education and training to embed IPC knowledge across all disciplines www.thelancet.com/lancetgh Vol 5 December 2017 World Health Organization



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Hand Hygiene Australia

- Central HH database
- New direct-entry HH compliance App
 - i-Phones, other Smart-devices
 - Benefits:
 - Reduces data management time by 50%
 - · No duplicate data entry and errors
 - · Mobile devices common and cheap
 - · Flexible reporting options

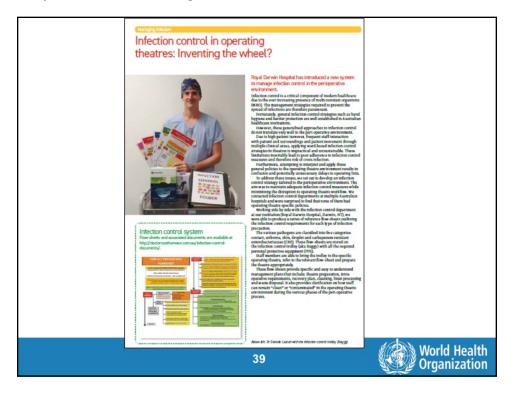




Courtesy by Prof Lindsay Grayson

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Global infection prevention and control priorities 2018–22: a call for action

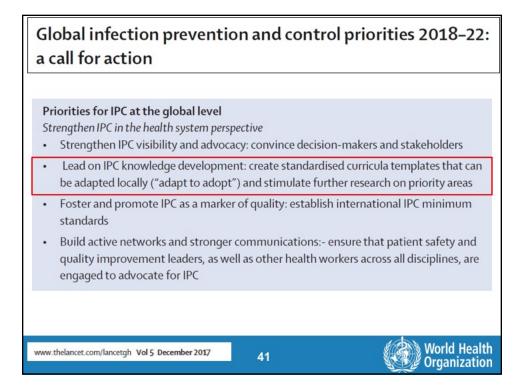
Priorities for IPC at the global level

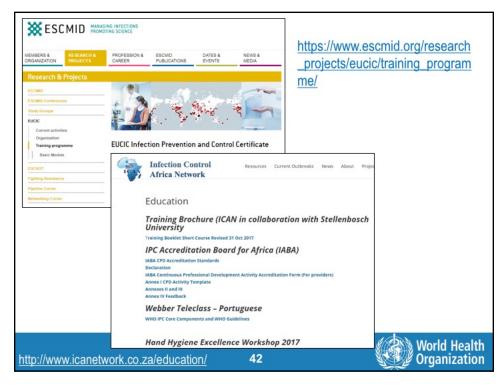
Strengthen IPC in the health system perspective

- Strengthen IPC visibility and advocacy: convince decision-makers and stakeholders
- Lead on IPC knowledge development: create standardised curricula templates that can be adapted locally ("adapt to adopt") and stimulate further research on priority areas
- Foster and promote IPC as a marker of quality: establish international IPC minimum standards
- Build active networks and stronger communications:- ensure that patient safety and quality improvement leaders, as well as other health workers across all disciplines, are engaged to advocate for IPC

www.thelancet.com/lancetgh Vol 5 December 2017 40 World Health Organization

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WHO IPC Advanced Training Modules

- Leadership and IPC program management
- Prevention of urinary tract infections
- Prevention of catheter-associated bloodstream infections
- Prevention of respiratory tract infections
- Prevention of infections in surgery
- Reprocessing of medical devices
- Outbreak management in healthcare settings
- IPC to control antibiotic resistance
- HAI surveillance
- Injection safety



World Health Organization

Global infection prevention and control priorities 2018-22: a call for action

Elevate the role of IPC specifically to better combat AMR

- Strengthen the power to act: secure support for a "top-down" chief executive approach, empower IPC leads
- Improve evidence presentation to leaders: effectively outline available data and other information on the impact of IPC solutions on AMR
- Expand the narrative: help people visualise how IPC programmes can lead to AMR risk reduction

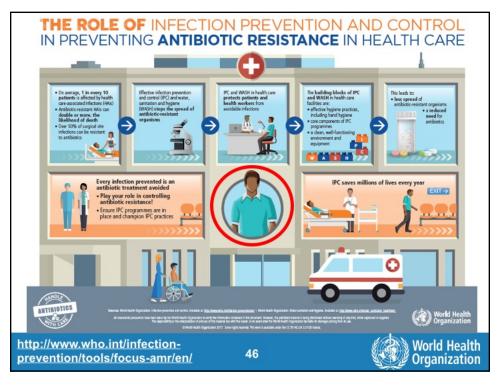
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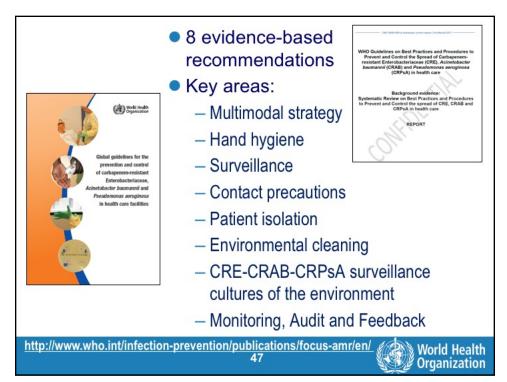


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Elevate the role of IPC specifically to better combat AMR Strengthen the power to act: secure support for a "top-down" chief executive approach, empower IPC leads Improve evidence presentation to leaders: effectively outline available data and other information on the impact of IPC solutions on AMR Expand the narrative: help people visualise how IPC programmes can lead to AMR risk reduction World Health Organization



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WHO SSI prevention guidelines - 4 recommendations specifically focus on improving antibiotic use in surgery

- 1. Optimal timing EV surgical antibiotic prophylaxis (SAP)
 - SAP should be administered prior to the surgical incision when indicated (depending on the type of operation)
 - The administration of SAP within 120 minutes before incision, while considering the half-life of the antibiotic

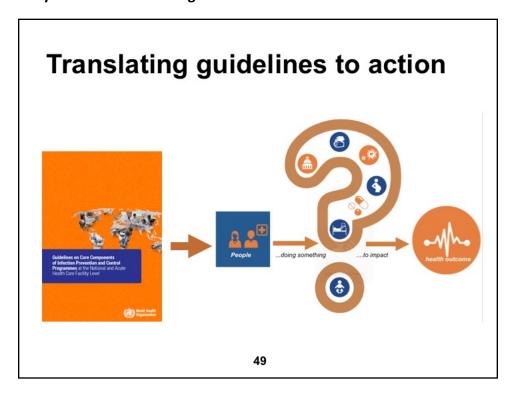
2. Recommendations against:

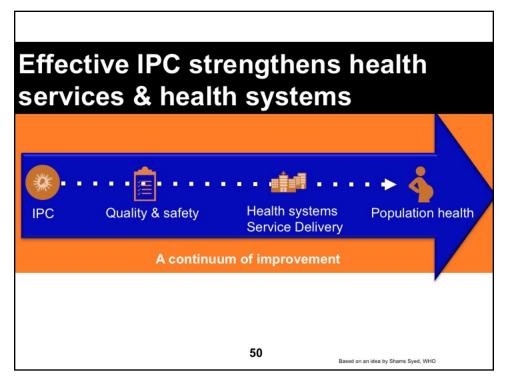
- 1. antibiotic wound irrigation
- 2. antibiotic prophylaxis in presence of a drain
- 3. SAP prolongation in the post-operative period

http://www.who.int/infectionprevention/publications/ssi-guidelines/en/

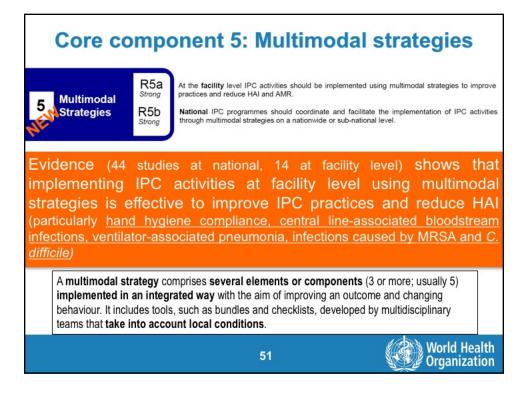


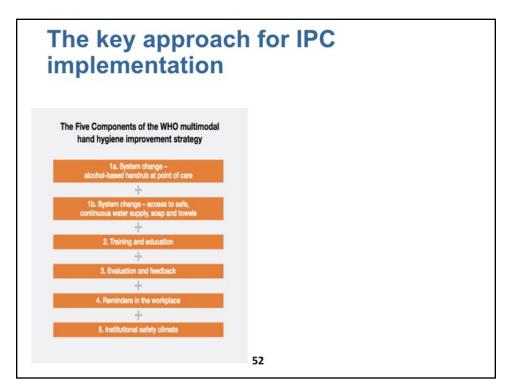
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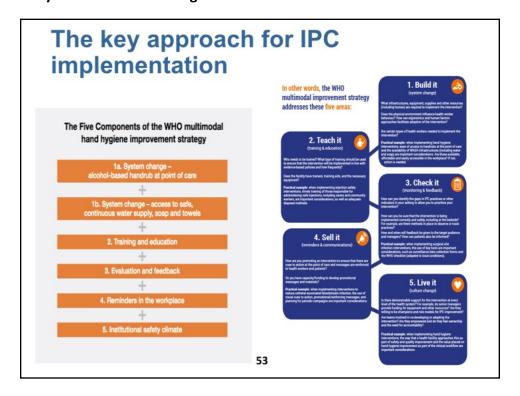


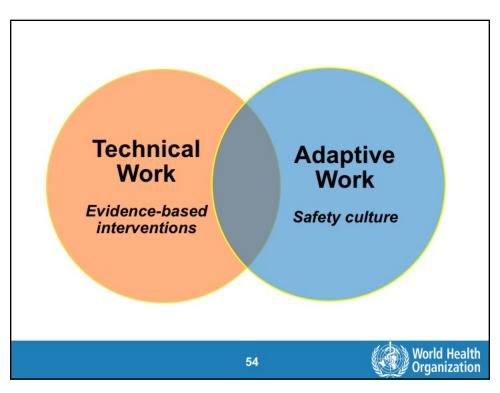
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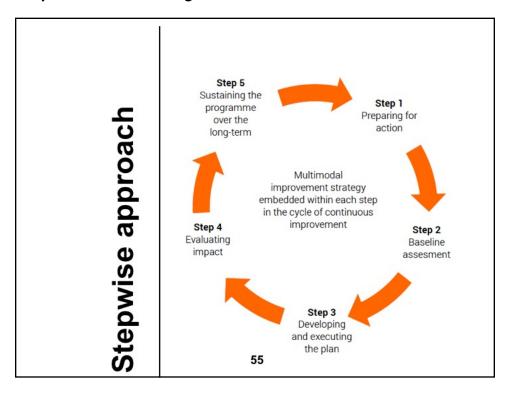


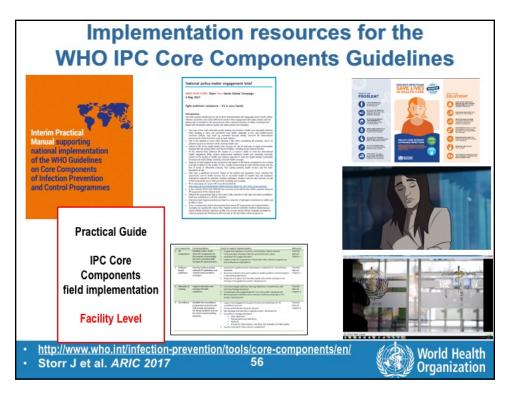
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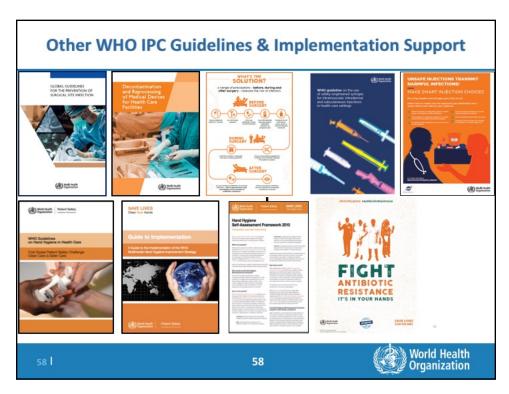
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SAVE LIVES: Clean Your Hands WHO Hand Hygiene Campaign

Join us on 5 May 2018!

"It's in your hands – prevent sepsis in health care"

http://www.who.int/infectionprevention/campaigns/clean-hands/en/

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January 25, 2018	PRACTICAL APPROACHES FOR MONITORING CLEANING IN HEALTHCARE FACILITIES Speaker: Prof. Curtis Donskey, Case Western Reserve University, Cleveland				
February 8, 2018	(FREE Teleclass) PATIENTS ARE YOUR PARTNERS - WHY AND HOW THIS PARTNERSHIP WORKS Speaker: Ioana Popescu, Canadian Patient Safety Institute, Judy Birdsell and Kim Neudorf, Patients for Patient Safety Coalition				
February 15, 2018	REFUGEE HEALTH: A NEW PERSPECTIVE FOR INFECTION PREVENTION AND CONTROL Speaker: Prof. Ruth Carrico, University of Louisville				
February 21, 2018	(South Pacific Teleclass) IMPROVING THE KNOWLEDGE AND RECEPTIVENESS OF MEDICAL STUDENTS TOWARDS HAND HYGIENE: EXPLORING NEW APPROACHES Speaker: Dr. Rajneesh Kaur, Research Associate, University New South Wales, Australia				
February 22, 2018	ROOT CAUSE ANALYSIS TO SUPPORT INFECTION CONTROL IN HEALTHCARE PREMISES Speaker: Dr Anne-Gaëlle Venier, University Hospital Centre of Bordeux, France				
	INFECTION PREVENTION IN NURSING HOMES AND PALLIATIVE CARE				

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