



Antimicrobial Stewardshipmonitor

Jaap ten Oever

Internist-infectioloog

SWAB werkgroep antimicrobial stewardship

Radboudumc

Antimicrobial stewardship

- ✓ Bewijs antimicrobial stewardshipdoelen
- ✓ Start antimicrobial stewardshipprogramma's
- ✓ Veel geld en inzet

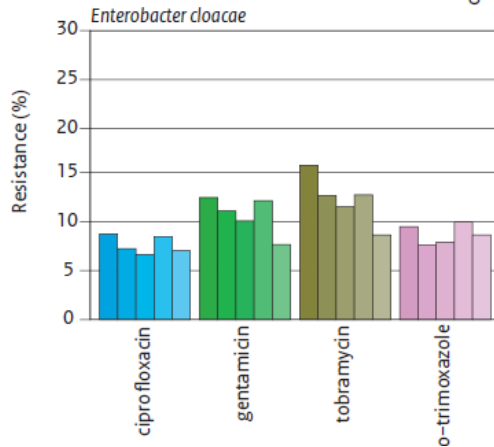
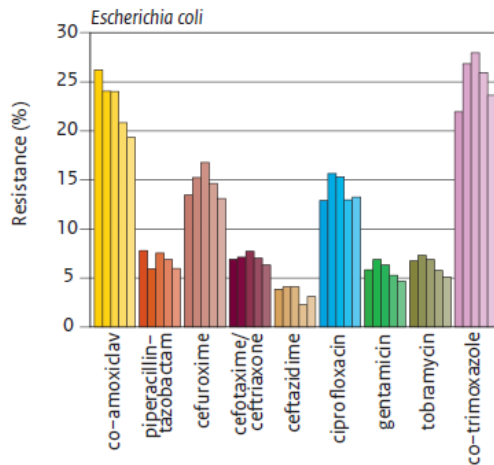
- ✓ Inspanningen nuttig besteed?
- ✓ Laten zien wat we bereiken?
- ✓ Boeken we vooruitgang?



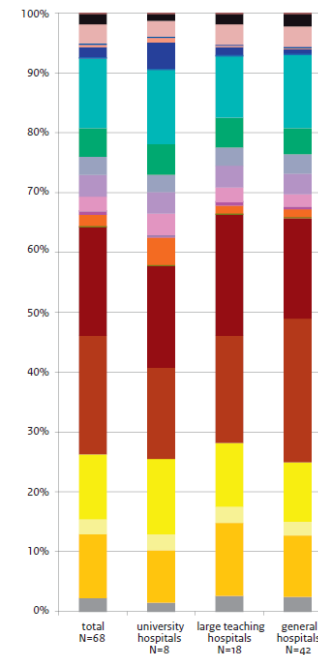
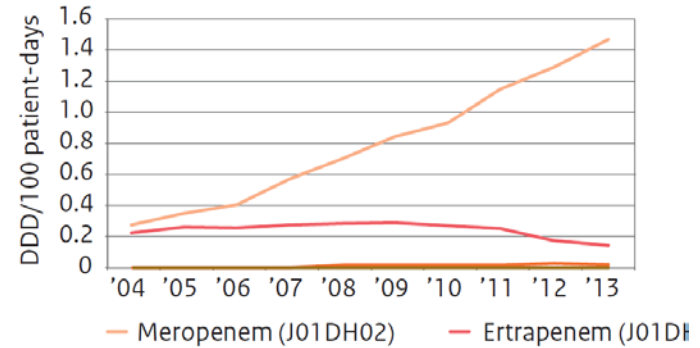
Praktijkids
Antimicrobial Stewardship
in Nederland

NethMap 2015

Antibioticaresistentie



Antibioticagebruik



NethMap

Resistentie

Gebruik

Stewardship

Stewardshipmonitor



Interventies

Persuasief

- educatie
- lokale opinieleiders
- reminders
- audit en feedback

Restrictief

- pre-authorisatie
- formulariumrestrictie
- selectieve rapportage
- automatische stoporders

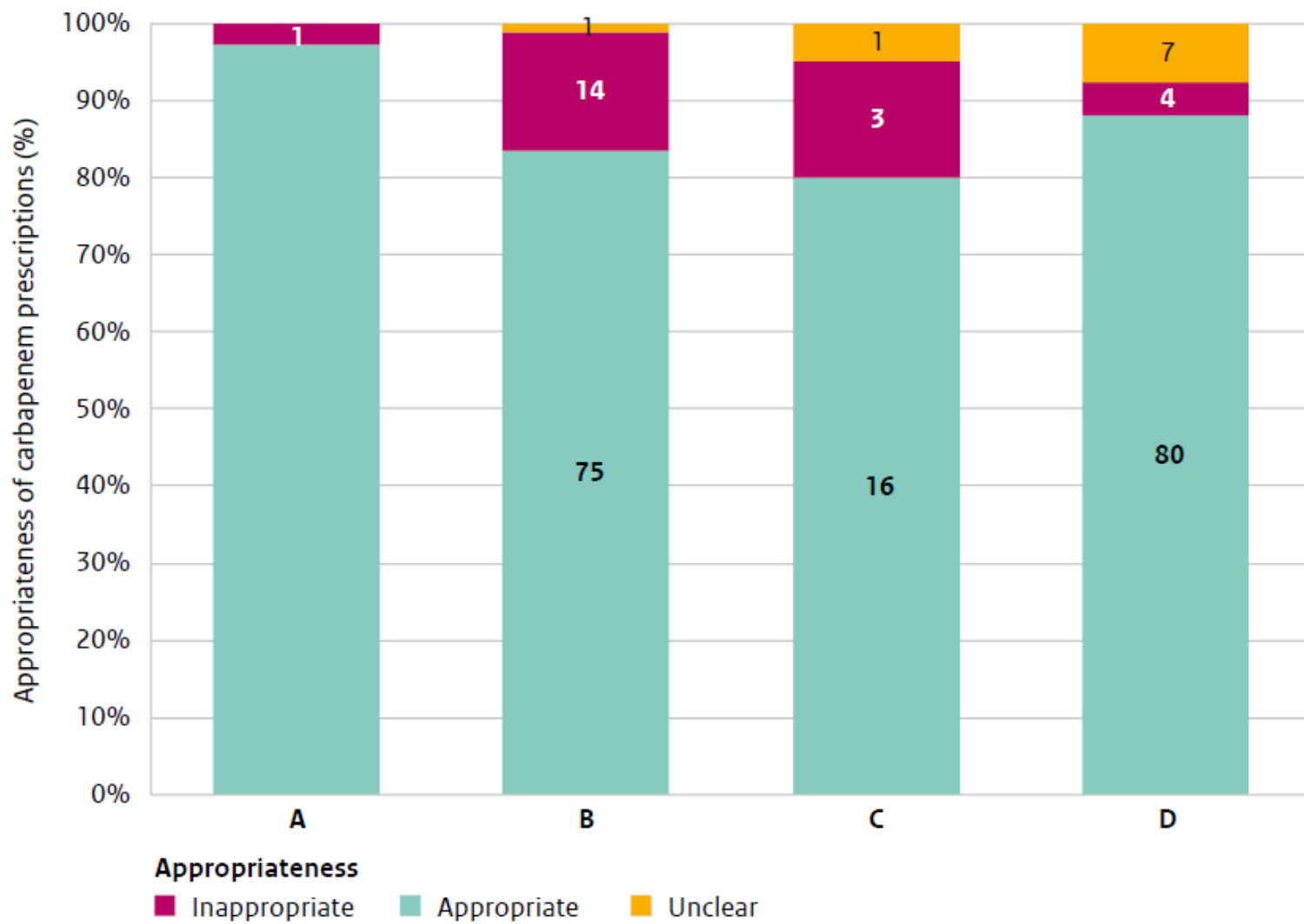
Structureel

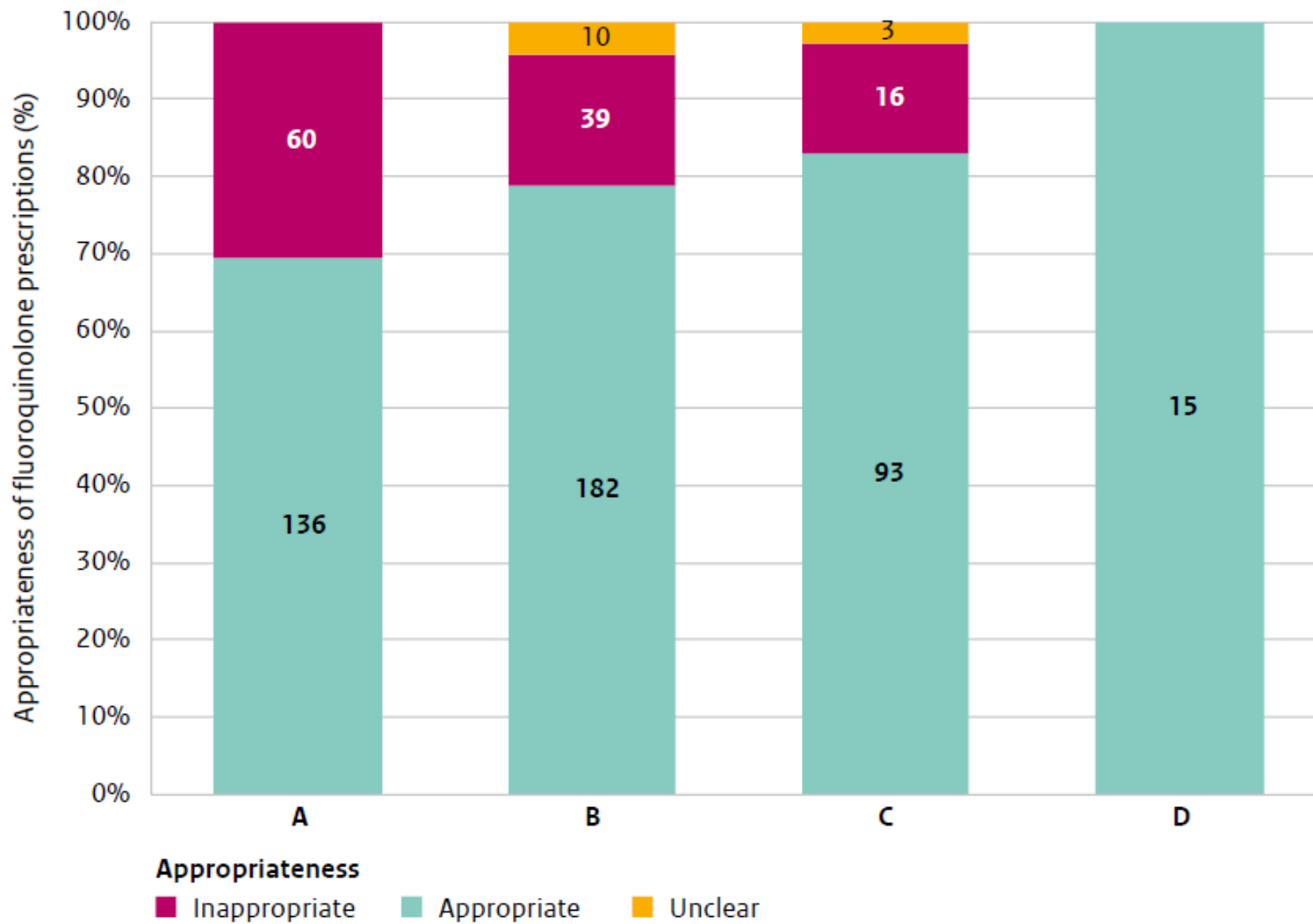
- A-team
- uptodate richtlijnen
- elektronisch EPD
- snelle diagnostiek



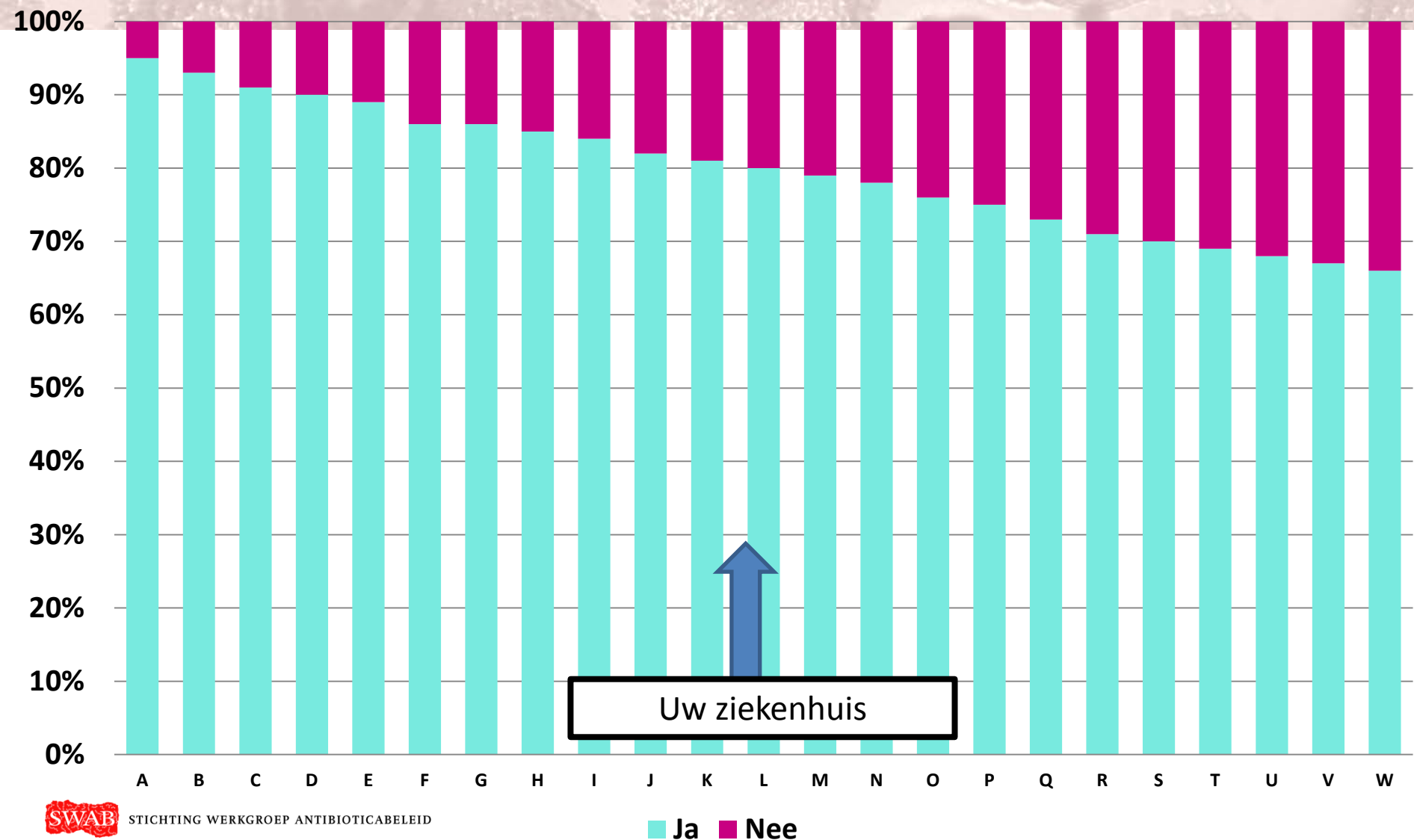
Stewardshipmonitor: Nethmap 2016

QI number	QI	Hospital	A	B	C	D	E	Total
1	Blood cultures taken?	Activity	-	-	-	+	-	1/5 (20%)
		Registration	-	-	-	+	-	1/5 (20%)
3	Use of restrictive list	Activity	+	+	+	+	+	5/5 (100%)
		Registration	+	+	+	+	-	4/5 (80%)
5	Switch intravenous to oral therapy	Activity	-	+	+	-	+	3/5 (60%)
		Registration	-	+	+	-	-	2/5 (40%)
8	Therapeutic drug monitoring	Activity	-	+	+	+	+	4/5 (80%)
		Registration	-	+	-	-	-	1/5 (20%)
12	Bedside consultation for <i>S. aureus</i> bacteremia	Activity	+	+	+	+	+	5/5 (100%)
		Registration	-	+	-	-	-	1/5 (20%)

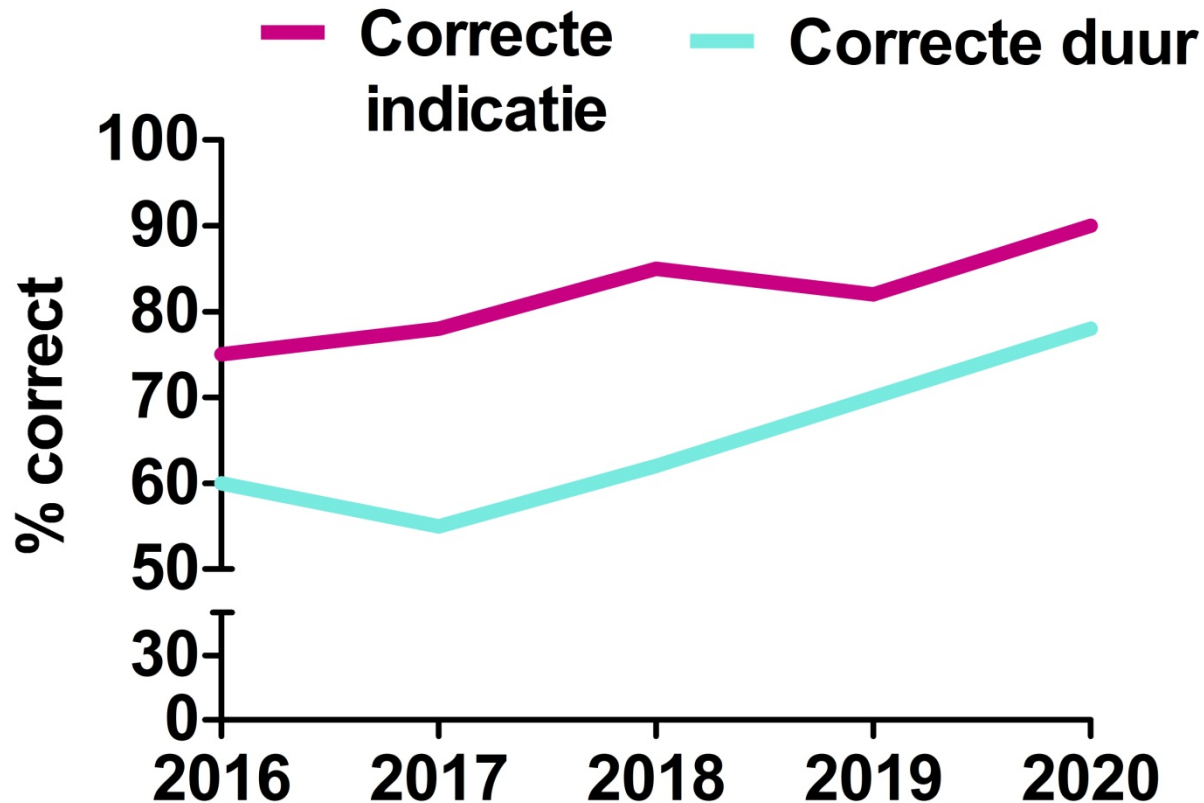




Indicatie terecht middel X



Beloop in de tijd



Inventarisatie

- ✓ 42 ziekenhuizen (deels) ingevuld
 - A-team aanwezig :88%
 - Voorbereidingen :10%

- ✓ Samenstelling:
 - Internist :97% – infectioloog 46%
 - Arts-microbioloog :100%
 - Ziekenhuisapotheker :100%

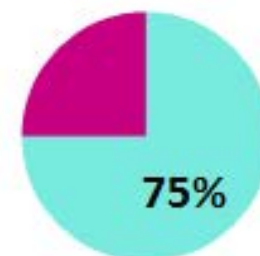
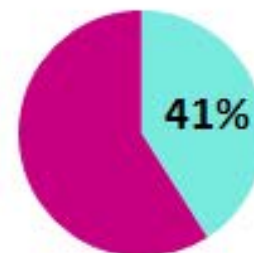
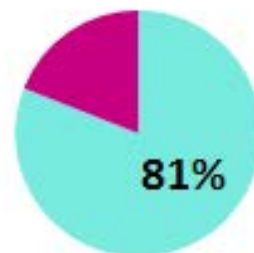
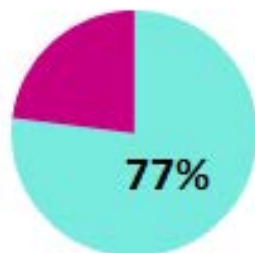
- ✓ Tijdsbesteding

Activiteit

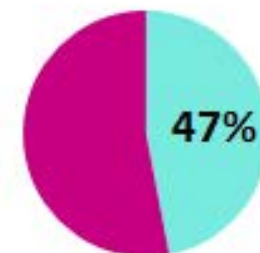
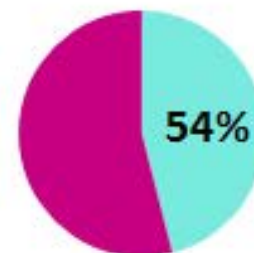
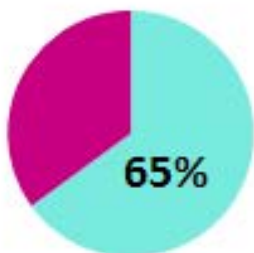
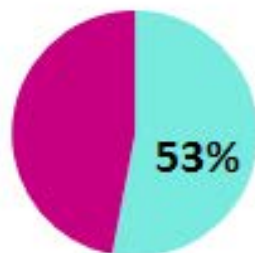
Mogelijkheid rapportage

Voorkeur rapportage

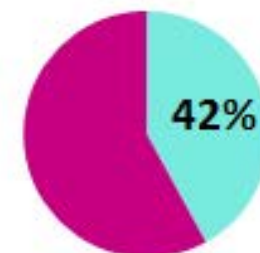
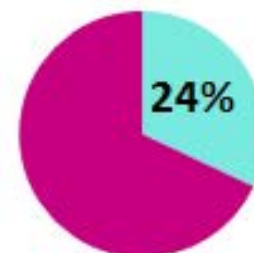
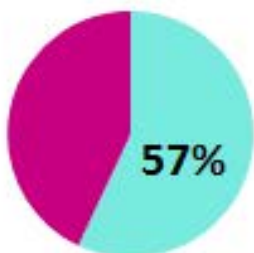
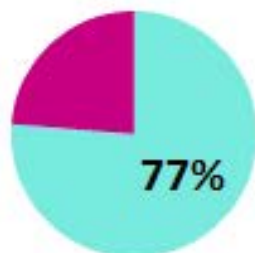
Reserve-
middel



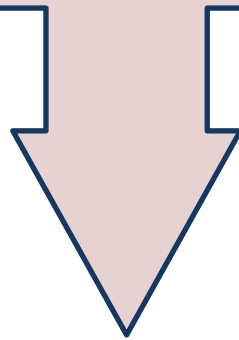
Bedside
Consult



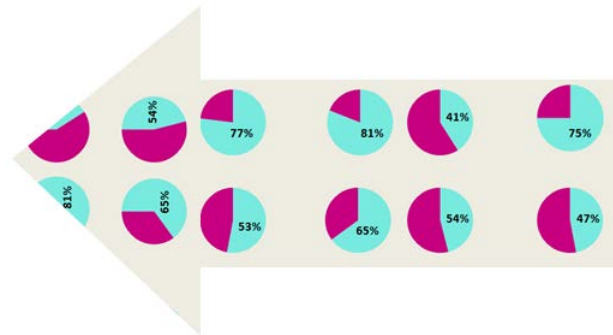
Switch



Diagnostiek
Documentatie
Indicatie, dosering, duur
Toediening, compliance
Switch
Stroomlijnen
TDM
Bedside consultatie



Reservemiddelen
IV-orale switch
***S. aureus* bacteriëmie**



A=A

Eenduidig

Registratie aan de bron

Zorginformatie delen en optimaliseren



Eenmalig

A-team beoordeling beperkte indicatie en reservemiddelen

Profylaxe

Therapietype

Empirisch Gericht

Naam verwekker

E. coli

Werkdiagnose

Pulmonaal Urogenitaal
 Endovasculair Abdominaal
 Centraal zenuwstelsel Sepsis eci
 Bot- en gewrichten Huid en weke delen
 KNO-gebied Overig

Is indicatie terecht?

Advies gegeven:

Advies aan behandelaar

Advies opgevolgd door behandelaar?

Toekomst



www.ateams.nl



Werkgroep Antimicrobial Stewardship

- NIV: Bart-Jan Kullberg, Jaap ten Oever, Annelies Verbon en Jan Prins,
Jeroen Schouten
- NVMM: Alex Friedrich, Edwin Boel, Bhanu Sinha, Heiman Wertheim,
Kees Verduin
- NVZA: Paul van der Linden, Reinier van Hest , Mirjam Rommers
- NVK: Tom Wolfs
- IQ healthcare: Marlies Hulscher