



Healthcare
Improvement
Scotland

SAPG
Safeguarding
antibiotics

“Shorter is better”

Getting duration right

Scottish Antimicrobial Prescribing Group
Safeguarding antibiotics for Scotland,
now and for the future

NHS
SCOTLAND

Stewardship: Shorter = Better

Diagnosis	Short (d)	Long (d)	Result	#RCTs
CAP	3 or 5	7-14	Equal	9
VAP	8	15	Equal	2
Pyelo	7 or 5	14 or 10	Equal	6
Intra-abd	4	10	Equal	2
GNB Bacteremia	7	14	Equal	1*
AECB	≤5	≥7	Equal	>20
Cellulitis	5-6	10	Equal	4*
Chronic Osteomyelitis	42	84	Equal	2
Septic Arthritis	14	28	Equal	1
Ortho Implant w/removal	28	42	Equal	1
Neutropenic Fever	AFx72 h	+ANC>500	Equal	1
<i>P. vivax</i> Malaria	7	14	Equal	1

*GNB bacteremia in UTI/cIAI studies too; 3 cellulitis studies found no diff, 1 (low dose oral flucox) had ↑relapses; references at www.bradspellberg.com 14

Courtesy of
[@BradSpellberg](https://twitter.com/BradSpellberg)

References available
on website

How can we support moving to using shorter courses of antibiotics?

HOSPITALS

In-patient charts
Discharge prescriptions
A&E/OP TTO supplies
OPAT service

COMMUNITY

GP10 & non-medical
prescriptions
Community pharmacists
Care homes

ROUND TABLE DISCUSSION

1. Each table choose HOSPITAL **or** COMMUNITY
2. Appoint a scribe and someone to feed back
3. Using the paper templates document BARRIERS to using shorter courses on one side and ENABLERS to using shorter courses on the other side
4. Select one BARRIER and one ENABLER to share in feedback session