

#### Individual level

Education Public commitments

Communication skills Point-of-care tests

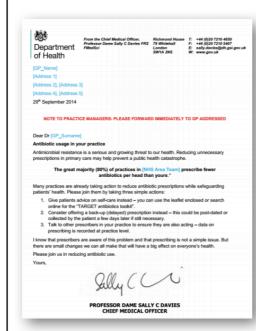
Decision support systems Quality indicators

Delayed prescribing Audit and feedback 🗱 🚏

Patient education materials Restrictive prescribing measures

Dyar OJ et al. Expert Review of Anti-infective Therapy, 14:4, 403-413 (2016)





3.3% fall in antibiotic use

€1.64 gain per prescription

€0.07 cost per prescription

Hallsworth M et al. Lancet, 387:10029, 1743-1752 (2016)

### System level

Over-the-counter availability Pay-for-performance

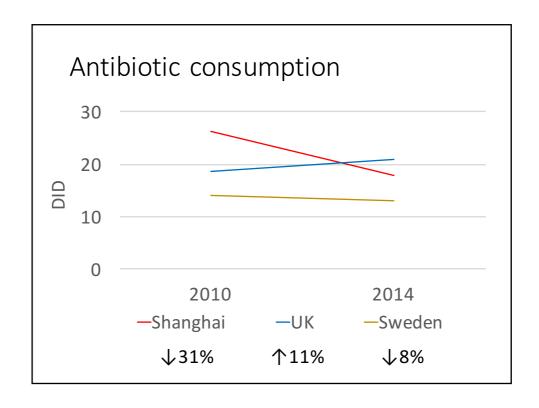
Unit dispensing Public reporting

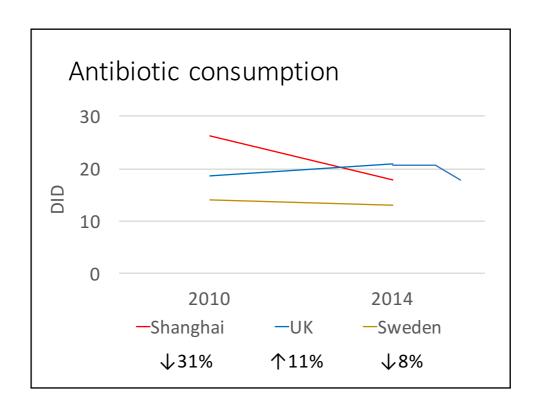
Number available and price Sickness leave regulation

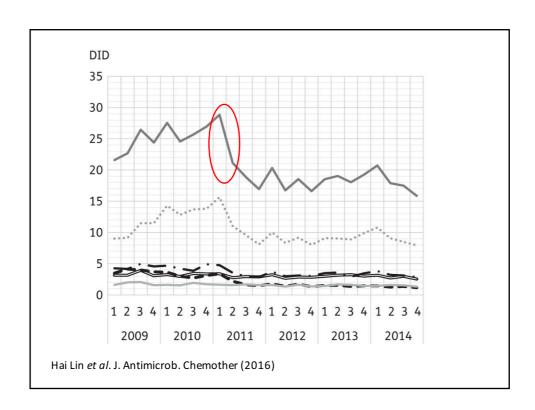
Separate prescribing and dispensing Limiting advertising

Prescribers' remuneration

Dyar OJ et al. Expert Review of Anti-infective Therapy, 14:4, 403-413 (2016)







### Creating system-wide prioritisation



Targets by national government
Individual culpability

Zero mark-up in rural regions

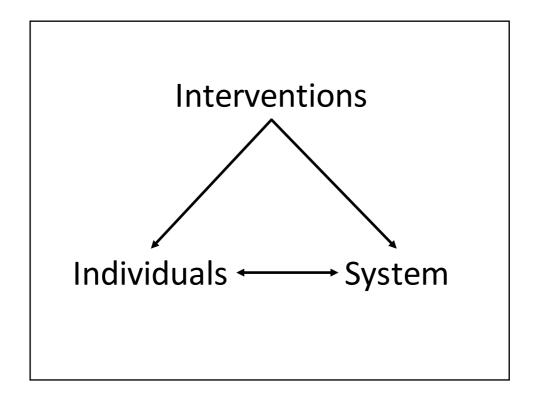


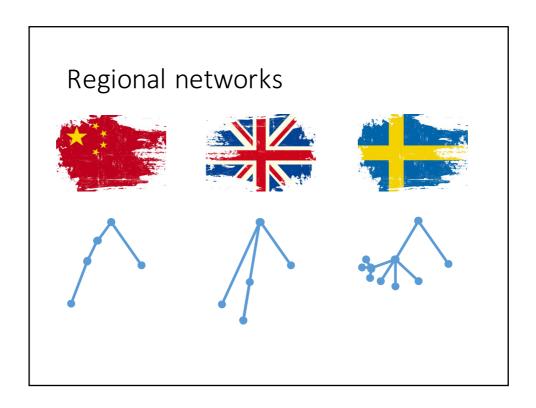
Targets by national government

Financial penalties

## Challenges of systems approaches

- No guarantee increase in quality
- Playing the new game





# Regional networks in Sweden





