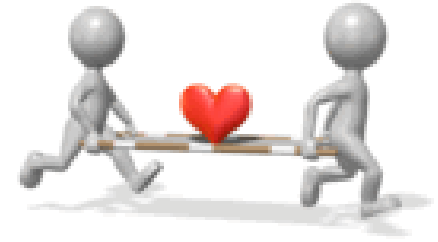


Quality indicators in POCT

Ivana Baršić, MmedBiochem
University Hospital Center Zagreb, Croatia
Clinical Department for Laboratory Diagnostics





Quality indicator (QI)

Select/Implement QI

Examples from real life

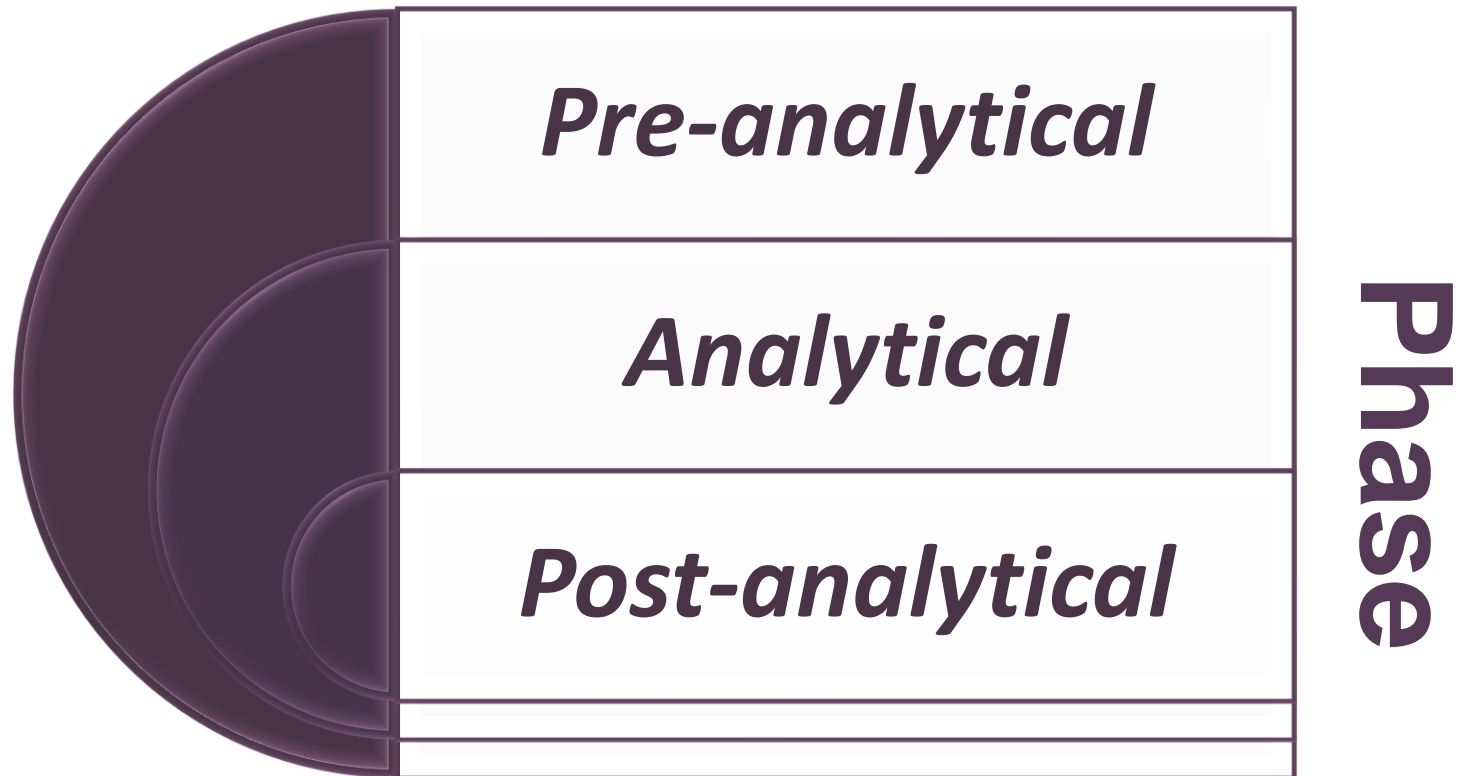
POCT main principles do not differ significantly from those governing the central hospital laboratory

We want to get the **right test** for the **right patient**, getting the **right specimen** and **right results** in right time, getting **right patient record** and timely **right treatment!**

“Quality indicators are measurable, objective, quantitative measures of key system elements performance.”

Šimundić AM, Topić E. Quality indicators, *Biochemia Medica* 2008; 18(3): 311-19.

QUALITY INDICATORS



Monitor processes that have potential to put patients at risk!

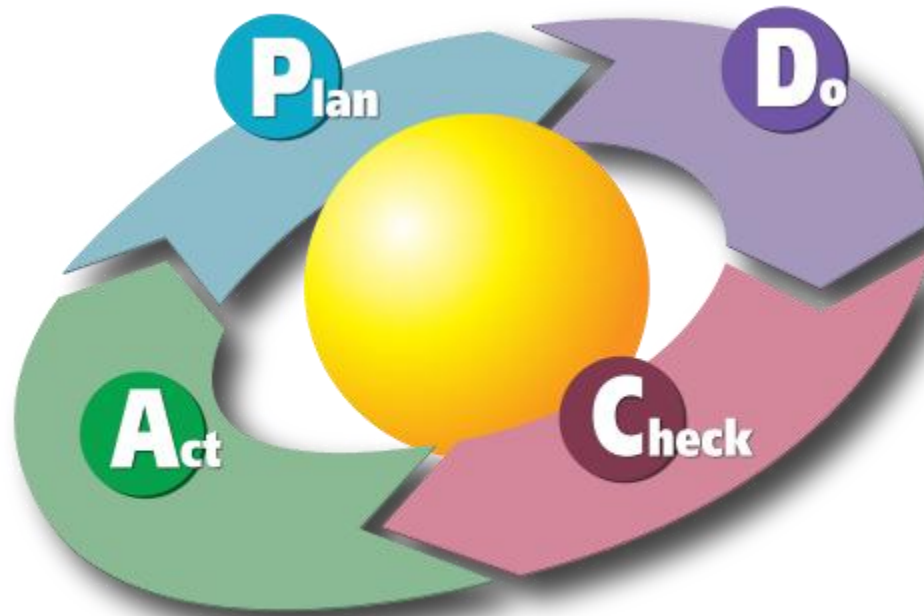
- ✓ Multi-test menu
- ✓ Multiple test sites
- ✓ Multiple testing devices
- ✓ Multiple non-laboratory
trained operators
- ✓ Immediate results availability
- ✓ Immediate therapeutic

implications





Selection of QI in POCT



4 W



What will you measure?



Why are you collecting this information?



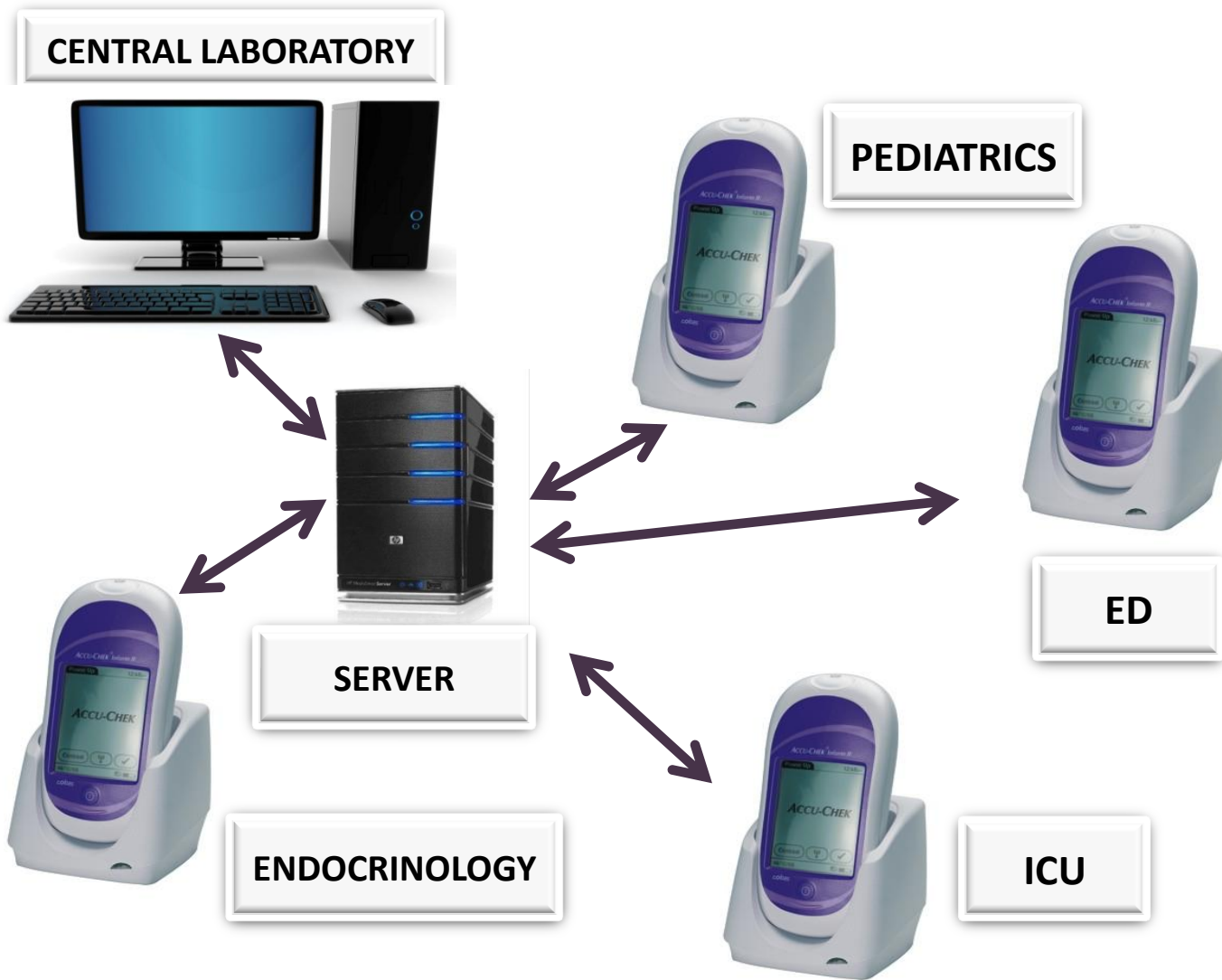
What steps should you take to meet the target?



What will you do if it indicates acceptable performance or if it does not?

- ***Competency of personnel***
- ***Instrument evaluation and validation***
- ***Method correlation***
- ***Instrument maintenance***
- ***Reporting patient results***
- ***External QC***
- ***Internal QC***
- ***Clinician satisfaction***
- ***Communication!?***
- ***Accuracy of patient identification (POC data management software)***







Our patients deserve it!

✓ **Think Big**

✓ **Multidisciplinary effort**

required to achieve desired

performance goals and

improved outcomes

✓ **Communication, Respect, and**

Work

Working together for our patient

