

Clinical Laboratory as an economic model for business performance analysis



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Central Laboratory

Satellite Hospital
Laboratories

POCT tests

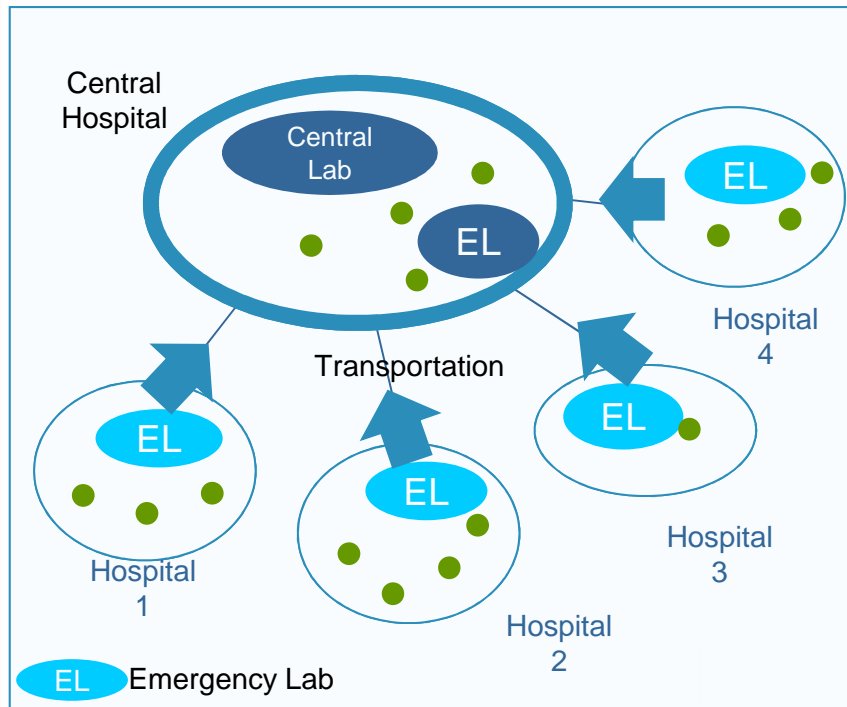
- Consoludated standardidised and automatisized result evaluation
- Enlarged menü of routine tests
- Harmonised protocol for different types and size of laboratories

- Chosing ability of emergency and critical test menü depending on the demand of hospital
- Similar test results with the central lab
- Unique and central IT solution

- Definition emerged POCT test
- Entegrated with central LIS

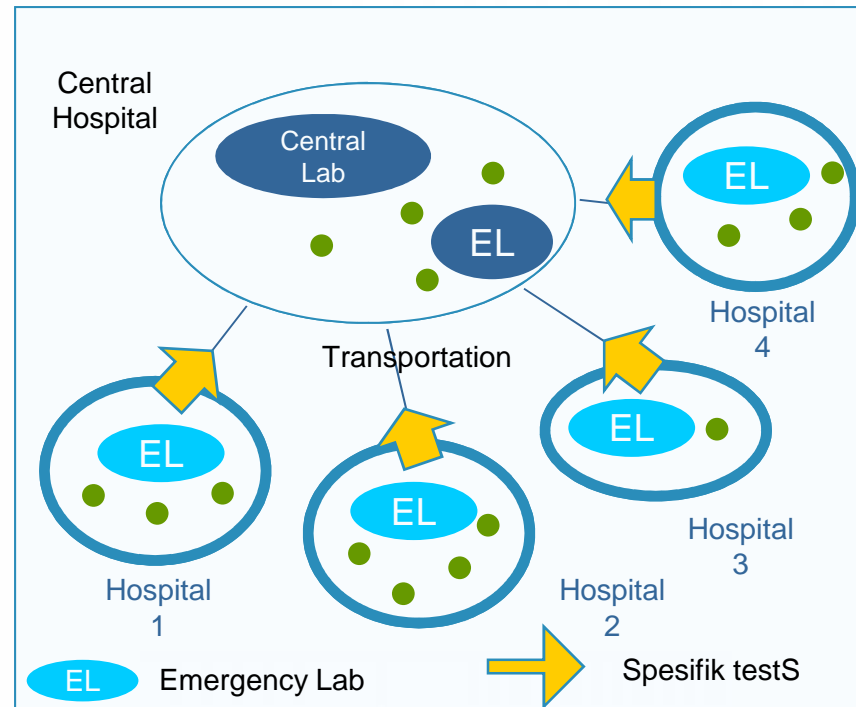
Optimal laboratory configuration

Routine tests facilities



- Routine tests mostly sends to central core lab
- Satellite labs are capable to emerged test response for hospitals demands

Solution for spesific tests



- Satellite lab facilities are optimesed and limited by test list
- Core lab offers spesifik test for the others

1-IT Management

- Unique software for all clients
- Unique control unit
- Test requisition from a unique monitor of screen
- Data safety
- Easy access to all saved results and documents
- Sample monitorisation

2- Storage

- Central stock and storage management
- Less of loss of product related with expiry
- Electronic stock monitorisation
- Shared stock usage
- Online follow up
- Covering the needs in time(JIT)
- Clever stock management module
- Warning message for product about overexpired

3-Sample transportation

- Shared transportation team for all hospitals
- Easy reachable support for any break down or crisis situation
- Only referral lab transportation

4-Quality and standardisation

- Generating results in unique format
- Reducing the problem caused reference range, application, unit or ext.
- standardisation of the results,
- quality moniterisation module
- less quality control cost

5-cost

- less instruments use
- less staff
- more effective reagent use
- less investment for infrastructure

6-instrument and technical service

- the advantageous of using same instruments
- affair with a unique technical service

7-staff

- more work with less staff
 - less experts
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8-sample approval

- standardised sample approval
- standard preanalytical process

9-keeping sample for additional test requisition

- automatic and easy reachable sample storage system

10-test from referral lab service

- unique directional referral lab traffic
- easy reachable wide range of referral test panel for all hospitals
- referral test results control from a unique center

11-crisis management

- any breakdown of any hospital or any crisis or force major issue any of satellite hospital or central lab can be used as back up organisation
- any of central lab can be used as central lab

12-moniterisation of patients results

- easy access to any patient results of any hospital via unique software
- all lab experts or clinicians are able to reach patients results via unique software

13-waste management

- more modern and high tech. and compatible with the standart waste management