

IG2

The art of Benchmarking

Presenters: Marine Cillis and Jatinder Harchowal

Facilitator: Ana Valladolid Walsh



Sunday, 28th March 2021 – 1:00 pm to 1:45 pm



Disclosure statement

• Relevant financial relationship: none

• Off-label investigational uses: none



Self-assessment questions

True or False?

- 1. Benchmarking helps demonstrate the value of clinical pharmacy
- 2. There is an international consensus about clinical pharmacy quality indicators
- 3. A tool is available to help you to benchmark clinical pharmacy activities



Learning objectives

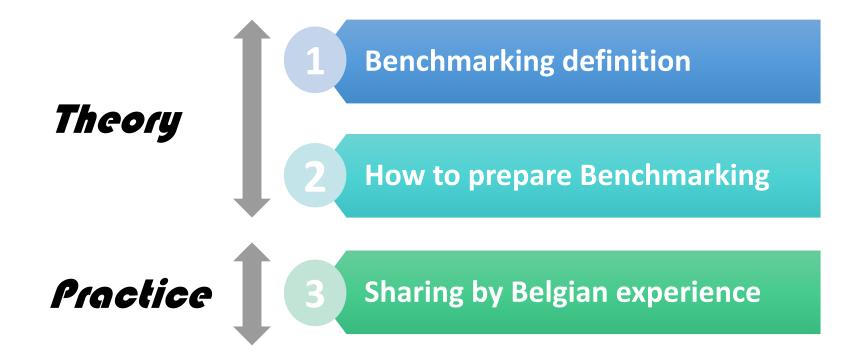
After the session, participants should be able to:

Part 1 (Marine Cillis)
Describe what steps should be taken in order to benchmark clinical services

Part 2 (Jatinder Harchowal):
Present successful clinical services benchmarking experiences



Overview





Benchmarking - Definition

- Management tool
- **❖ AIM**= improve the performance and the quality
- ❖ How?
 - ✓ Compare the practices and performance of various partners
 - ✓ Identify the most efficient practice
 - ✓ Implement it on a larger scale



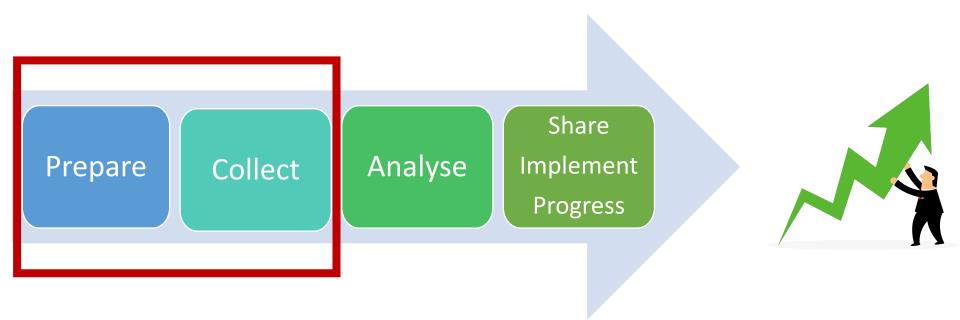


Benchmarking - Benefits

- Exchange ideas between colleagues and hospitals
- Identify our strengths and weaknesses
- Encouraging continuous improvement
- Demonstrate efficiency to hospital administrators

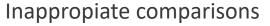


Benchmarking - Process









Activites associated with a positive impact on patient outcome



Benchmarking



What to compare?

Comparison elements applicable on a large scale

- 1) Quality indicators international consensus
- 1) Relevant contextual factors → perspective





Prepare

Collect

Sharing my Belgian experience

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RESEARCH ARTICLE



Development of a tool for benchmarking of clinical pharmacy activities

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Background and Objectives

❖ In Belgium: need to promote and evaluate Clinical Pharmacy

- Create a benchmarking tool for clinical pharmacy practice in Belgian hospitals
 - → Identify Quality indicators and Contextual factors (Belgian context)
 - → Include them in a easy-to-use tool
 - → Test the tool





Sharing my Belgian experience

Method

Prepare

- Literature review
- Focus groups with clinical pharmacists
 - Create the tool
- Validate the tool: real-life test and Delphi method
 - 20 clinical pharmacists
 - 6 Belgian hospitals (mean: 790 beds, min/max: 330/1124 beds)
 - Mars-April 2015







Sharing my Belgian experience

Result = Benchmarking Tool

Collect

Measure what?

QUALITY (not only quantity)

How?

3 forms and a an instruction manual



Prepare

Prepare

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Result = Benchmarking Tool

Collect

Measure what?

QUALITY (not only quantity)

10 quality indicators (about 6 CP activities) How?

3 forms and a an instruction manual



« Encoding » form



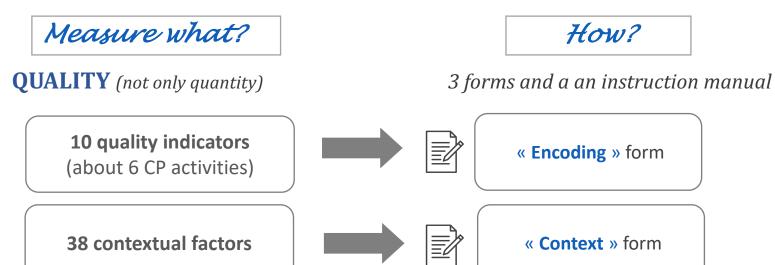


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Result = Benchmarking Tool

Collect





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Result = Benchmarking Tool

Collect



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QUALITY (not only quantity)

How?

3 forms and a an instruction manual

10 quality indicators (about 6 CP activities)





« **Encoding** » form

38 contextual factors

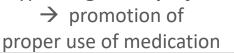




« Context » form

9 types of general projects

→ promotion of





« Non patient-centered activities » form





Encoding form

Prepare

6 clinical pharmacy activities and 10 quality indicators









Encoding form

6 clinical pharmacy activities and 10 quality indicators

Medication reconciliation at admission

% patients admitted for whom the pharmacist checked that all stages of medication reconciliation were adequately performed within 24 working hours of admission







Encoding form

6 clinical pharmacy activities and 10 quality indicators

2. Monitoring

% interventions accepted and partially or completely applied by the health care team

Number of interventions accepted and partially or completely applied by the health care team

Number of patients with a pharmaceutical record

% patients with a pharmaceutical record







Encoding form

6 clinical pharmacy activities and 10 quality indicators

3. Discharge and transfer medication counselling

- % patients discharged/transferred who have received **ORAL** information about their medication before their discharge or transfer from the service
- % patients discharged/transferred who received **WRITTEN** information about their medication on discharge or transfer from the service
- Number of **GPs, specialists, and/or community pharmacists** who received WRITTEN information about their patient's medication on discharge from the service

Number of patients discharged or transferred from the service





Encoding form

6 clinical pharmacy activities and 10 quality indicators

4. Adverse drug reaction monitoring

Number of interventions accepted and activities performed to prevent, detect, assess, manage, report, and/or document adverse drug reactions

Number of patients with a pharmaceutical record





Encoding form

6 clinical pharmacy activities and 10 quality indicators

5. Patient Education

% patients who received therapeutic education (apart from discharges and transfers)





Encoding form

6 clinical pharmacy activities and 10 quality indicators

6. Information provided to healthcare team

Number of answers to questions from the healthcare team

Number of weeks





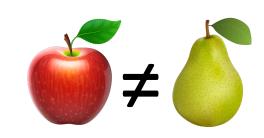
PracticePrepare Collect

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Context form

- ❖ Context is important! → place the results of quality indicators in perspective
 - 38 contextual factors in 5 categories:
 - Hospital context
 - The activities of the project pharmacist
 - Training and experience
 - Infrastructure available
 - Strategy











Non patient-centred activities form

Once for each hospital

• 9 types of general projects for the promotion of good medication practice developed in each hospital

Quality and Security

→ Accreditation Canada, High 5S OMS....





Prepare





Practice Collect

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Benchmarking Tool

Prepare

What for? → 3 types of audit

- **Self-assessment** (strengths, weaknesses, points of improvement)
- **Evolution monitoring** (performance over time)
- **Benchmarking** (performance in comparison with other hospitals)





Benchmarking Tool

Conclusion

Developement of a **Benchmarking tool** in Belgium

Comparative analysis + Overview of clinical pharmacy practices

→ Identify the most efficient pratice + implementation

of clinical pharmacy

- → Improve QUALITY
- → Promote DEVELOPMENT





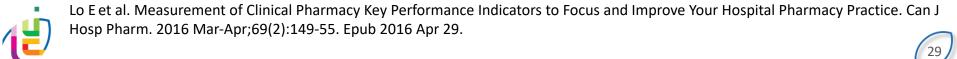
Take home messages

- 1. Benchmarking is a powerful tool to improve quality
- 2. Before collecting data: preparation is very important
- 3. Benchmarking tool created for clinical pharmacy activities



References

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Questions?





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