

International Workshop on Practical Implementation of  
**Clinical Audit for Medical Exposure to Ionizing Radiation**  
8–10 September 2008, Tampere, Finland



CLINICAL AUDIT

# Interrelation of clinical audit with other audit and verification activities

Marta Bogusz – Czerniewicz (prev. Bogusz-Osawa)

# External review systems for health care facilities



CLINICAL AUDIT

Between 1996 and 1999 project team of ExPeRT catalogued the range of external review systems of health care facilities in the EU and countries associated with EU.

Four main categories were identified:

- (1) professional peer review (originated in NL in 1992)
- (2) accreditation (originated in USA in 1917)
- (3) award seeking such as European Quality Award and their national variants (originated in 1988)
- (4) certification by International Standards Organization (originated in UK in 1947)



## Visitatie – peer review

### CLINICAL AUDIT

Systematic review based on *on-site* surveys conducted by health care professionals in order to assess the clinical practice and performance, professional development orgd of the care process, and its results aimed at improving the quality of patients care and exchanging ideas. It directs its attention to appropriateness of service delivery provided by medical practitioners.



# Accreditation

## CLINICAL AUDIT

Systematic assessment of a whole organization (i.e. hospital) or specialty (specific areas), against explicit standards for the purpose of recognition of service delivery. Performed by a national or regional accreditation body. In certain respects comes closest to the objectives of clinical auditing, but it is often limited to standard procedures where definite standards are available.



## **Quality awards (i.e. EFQM)**

CLINICAL AUDIT

Assessment of organization's management against performance standards for service industries in specific areas (in health care: clinical results, patients satisfaction, administration and staff management); also called management excellence model.

It provides conceptual framework, which is used both as a self-assessment tool and an external review to achieve the quality award.



## ISO certification

### CLINICAL AUDIT

Quality audits for the certification of quality systems are directed to check the conformance of the local quality system to the given quality standard, and do not directly ensure the good quality of the practices in terms of clinical judgments. It addresses mainly the managerial processes surrounding clinical decision making.



# Regulatory control

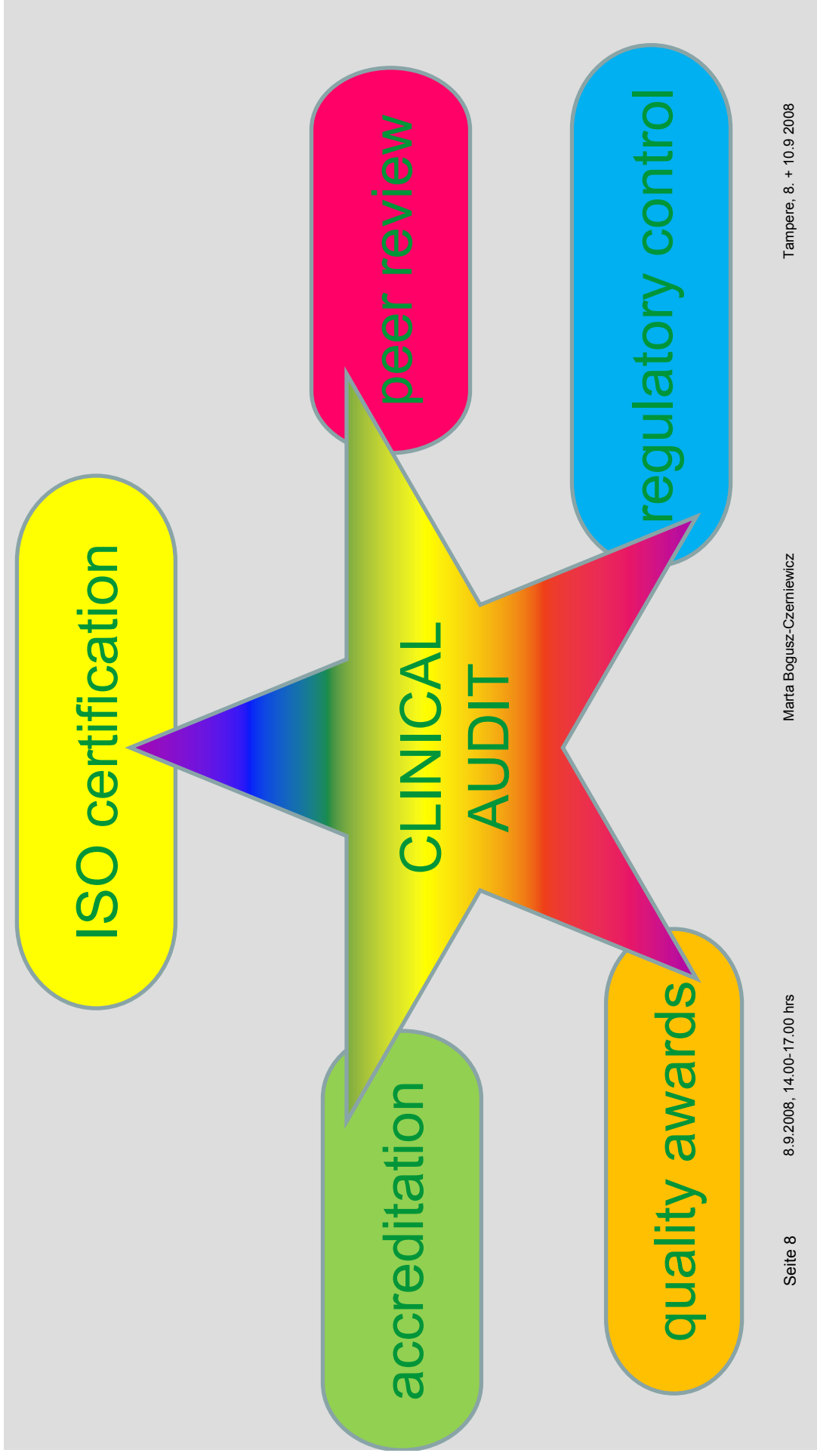
CLINICAL AUDIT

Regulatory inspections address the legal requirements and can lead to enforcement actions if the practices do not comply with the requirements.



# Clinical audit vs other related activities

## CLINICAL AUDIT





## **Clinical audit vs other related activities**

### CLINICAL AUDIT

Due to the many similarities with other review systems, clinical audits should be established and developed in a way which minimizes unnecessary overlap, or duplication of efforts, with the other systems. The key factors to avoid the overlap or duplication can be distinguished as follows:

- a) General
- b) Focus of assessment
- c) Criteria of assessment
- d) Practical implementation



## **Key factors of clinical audit**

- a) *General*
  - perform *internally and externally* on regular basis.
- b) *Focus of assessment:*
  - concentrate on organizational, physical, technical and clinical aspects of the service delivery.
  - concentrate on *detailed* and not overall information/feedback on the performance of clinical procedures from the evidence-based point of view.



## Key factors of clinical audit

### CLINICAL AUDIT

- b) *Focus of assessment:*
- make use of the quality system documentation but do not focus on checking the items of the quality system against a quality standard.
  - put much emphasis on a dynamic *quality assurance and quality improvement*.
  - put more emphasis on goal setting, analysis of the process and planning the improvement.
  - focus on recording and *improvement of practice*.
  - measure changes in practice to effect change.



## Key factors of clinical audit

CLINICAL AUDIT

- c) *Criteria for assessment:*
- avoid limitation to minimal standards or norms.
  - assess the practice against sufficient criteria of good clinical practice given e.g. at national level.
  - provide indicators and standards of good clinical practice which audited organization can refer to.
  - review and update standards systematically, according to the latest evidence based medicine, current results of research or bench-marking.



## **Key factors of clinical audit**

CLINICAL AUDIT

### *d) Practical implementation:*

- give an aim and an objective.
- provide expertise knowledge to auditors and choose clinical specialists for auditors.
- follow workflow and patient flow, conduct interviews of staff, perform measurements and control tests, review documentation and records.
- assess the appropriateness of the selection of examinations or treatments for patients or the health outcomes.
- involve anonymous patient data.

# Occurance in Europe



## CLINICAL AUDIT

|    | AT | BE | DK | FR | PL | DE | IE | IT | LU | NL | NO | ES | SE | UK | CZ | FI | PT | CH |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| V  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| A  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| CA |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| E  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| I  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

V – visitatie

A – accreditation

CA – clinical audit

E – quality award

I – ISO certification

# Thank you

---



CLINICAL AUDIT

Marta Bogusz – Czerniewicz MPH, PhD  
Great Poland Cancer Centre  
Garbary 15th St.  
61-866 Poznan, PL  
phone: + 48 61 8850 875  
fax: + 48 61 8850 801