

International Atomic Energy Agency Scientific Forum

# A Decade of Action on **Cancer Control** and the Way Forward

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Vienna International Centre  
Board Room D, C Building, 4th Floor

**The Impact of Establishing  
Quality Management  
Programmes in Clinical  
Practice**  
Role of the IAEA



Session 2.6. Quality management - 2.6.1. Quality Management: The Case of Colombia

# The Impact of Establishing Quality Management Programmes in Clinical Practice and the Role of the IAEA in QUANUM, QUAADRIL, QUATRO

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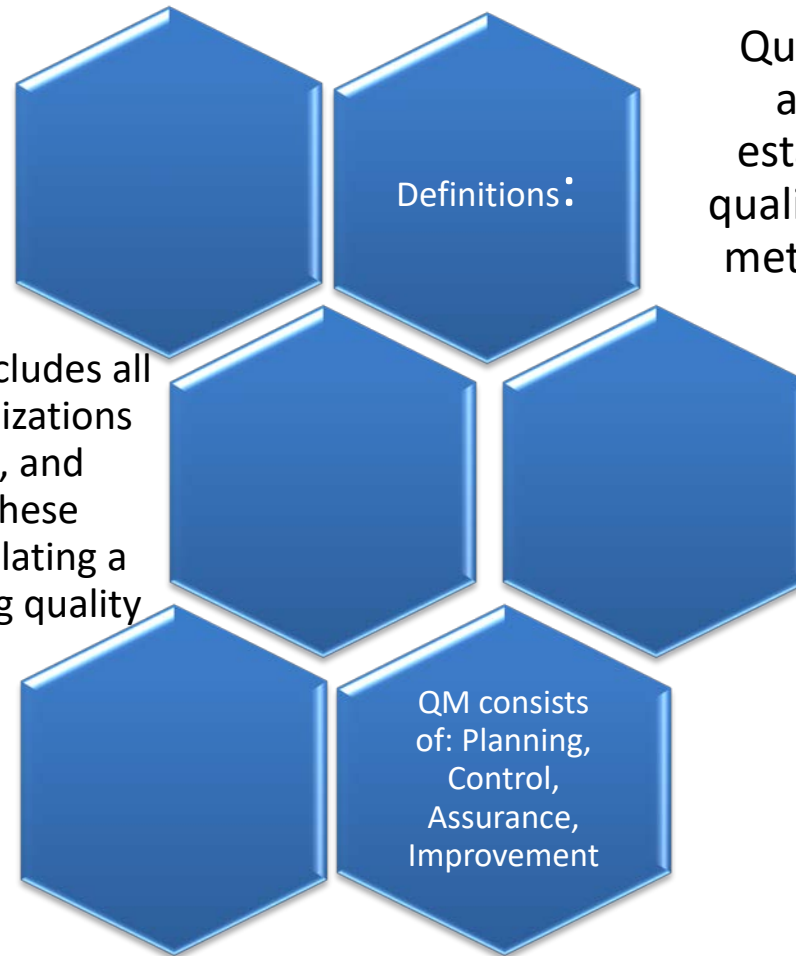
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# Quality Management

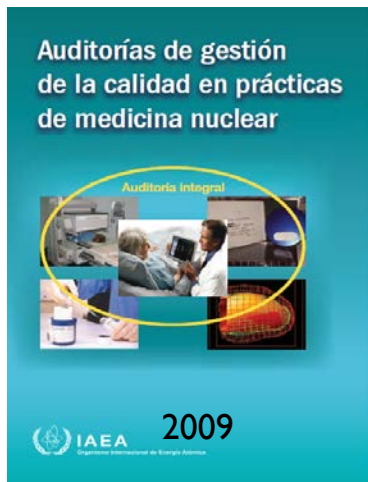
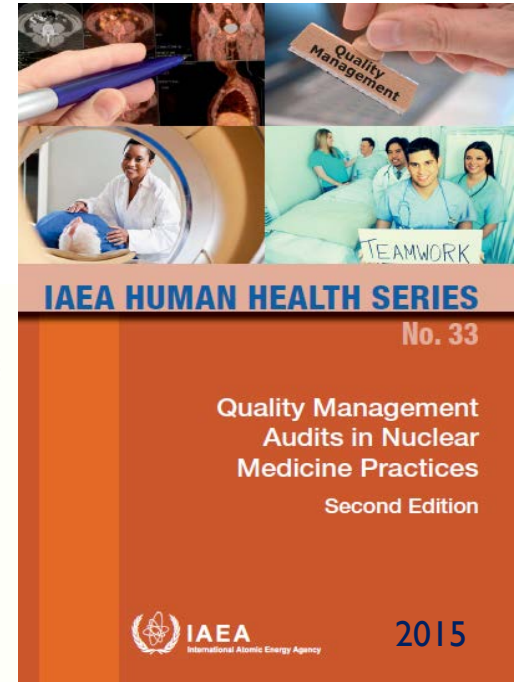
Quality Management: includes all the activities that organizations use to direct, control, and coordinate quality. These activities include formulating a quality policy and setting quality objectives



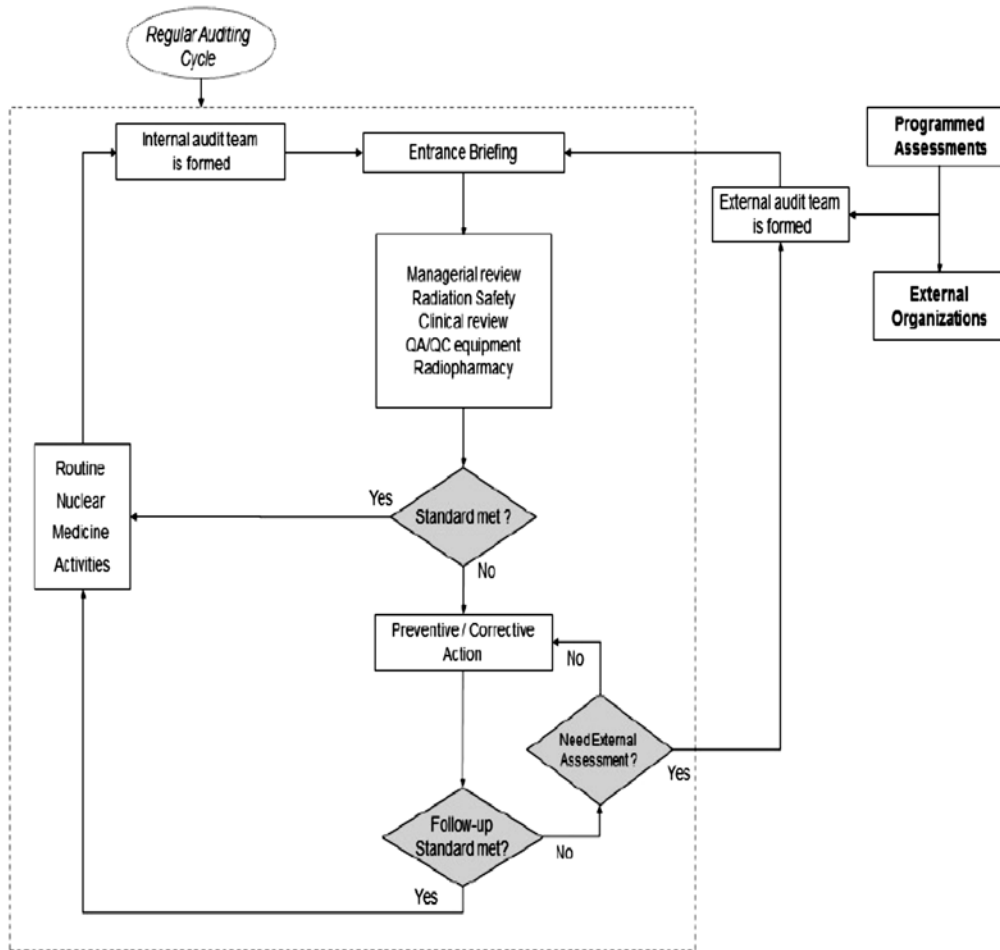
Quality Assurance: set of activities intended to establish confidence that quality requirements will be met. QA is one part of QM



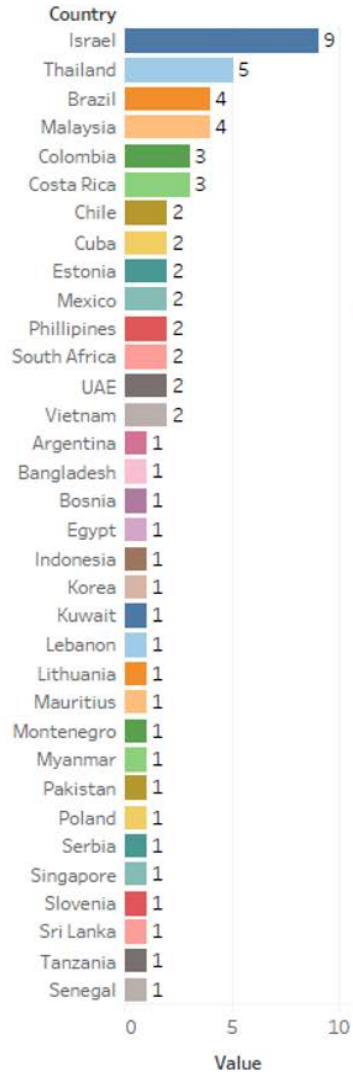
## Role of the IAEA



# Audit components. QA: quality assurance; QC: quality control



Countries



QUANUM Audits



República de Colombia

LIBERTAD Y ORDEN

MINISTERIO DE MINAS Y ENERGIA

**RESOLUCIÓN NÚMERO 9 0874 DE 2014**

( 11 AGO 2014 )

Por medio de la cual se establecen los requisitos y procedimientos para la expedición de autorizaciones para el empleo de fuentes radiactivas y de las inspecciones de las instalaciones radiactivas

MINISTERIO DE SALUD Y PROTECCIÓN SOCIAL

**RESOLUCIÓN NÚMERO 00004245 DE 2015**

( 19 OCT 2015 )

Por la cual se establecen los requisitos para obtener la certificación en Buenas Prácticas de Elaboración de Radiofármacos y se adopta el instrumento para su verificación

REPÚBLICA DE COLOMBIA

MINISTERIO DE SALUD Y PROTECCIÓN SOCIAL

**RESOLUCIÓN NÚMERO 00002003 DE 2014**

(28 MAY 2014)

Por la cual se definen los procedimientos y condiciones de inscripción de los Prestadores de Servicios de Salud y de habilitación de servicios de salud

# Quality Audit

*Audits within the quality programmes of the IAEA are not inspections!*



They are performed on the request of the corresponding department after a thorough self-evaluation according to the QUANUM/QUAADRIL/QUATRO methods.

***They complete but do not replace regular internal audits***



# Conclusion

- Content extended
- Distinction between external and internal audits
- Holistic approach to quality management in radiation medicine

Contribution to on-going process of improving nuclear medicine, radiology and radiotherapy practices in IAEA's Member States

→ Technological process is still prevailing

→ future adoptions and modifications

→ constant culture of reviewing





