

**2º Taller Internacional
Multidisciplinario de
Cáncer de Mama**

"De la práctica a las bases teóricas"

18, 19 y 20 de Junio de 2017 - Córdoba - Argentina

Control de Calidad en equipos HDR

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Dto. de Física Médica



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TERAPIA RADIANTE

ICRP 97



ELSEVIER

ICRP Publication 97



Prevention of high-dose-rate brachytherapy accidents

ICRP Publication 97

Approved by the Commission in August 2004

Abstract—High-dose-rate (HDR) brachytherapy is replacing low-dose-rate (LDR) brachytherapy in many countries.

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IAEA HHS 30



IAEA HUMAN HEALTH SERIES No. 30

Implementation of High Dose Rate Brachytherapy in Limited Resource Settings



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5.1.1. Daily tests

These tests take approximately ten minutes and can be performed by an RTT. The following components need to be checked daily before starting the treatment of the first patient of the day:

- Emergency systems to withdraw the source into the safe;
- Door interlocks on the treatment room;
- Interrupt button on the control console;
- Emergency stop button;
- Interrupting the power supply;
- Source positioning;
- Room radiation monitors;
- Indicator lights;
- Source activity.



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Flexitron HDR

#045 - 2009

ELEKTA

40 canales



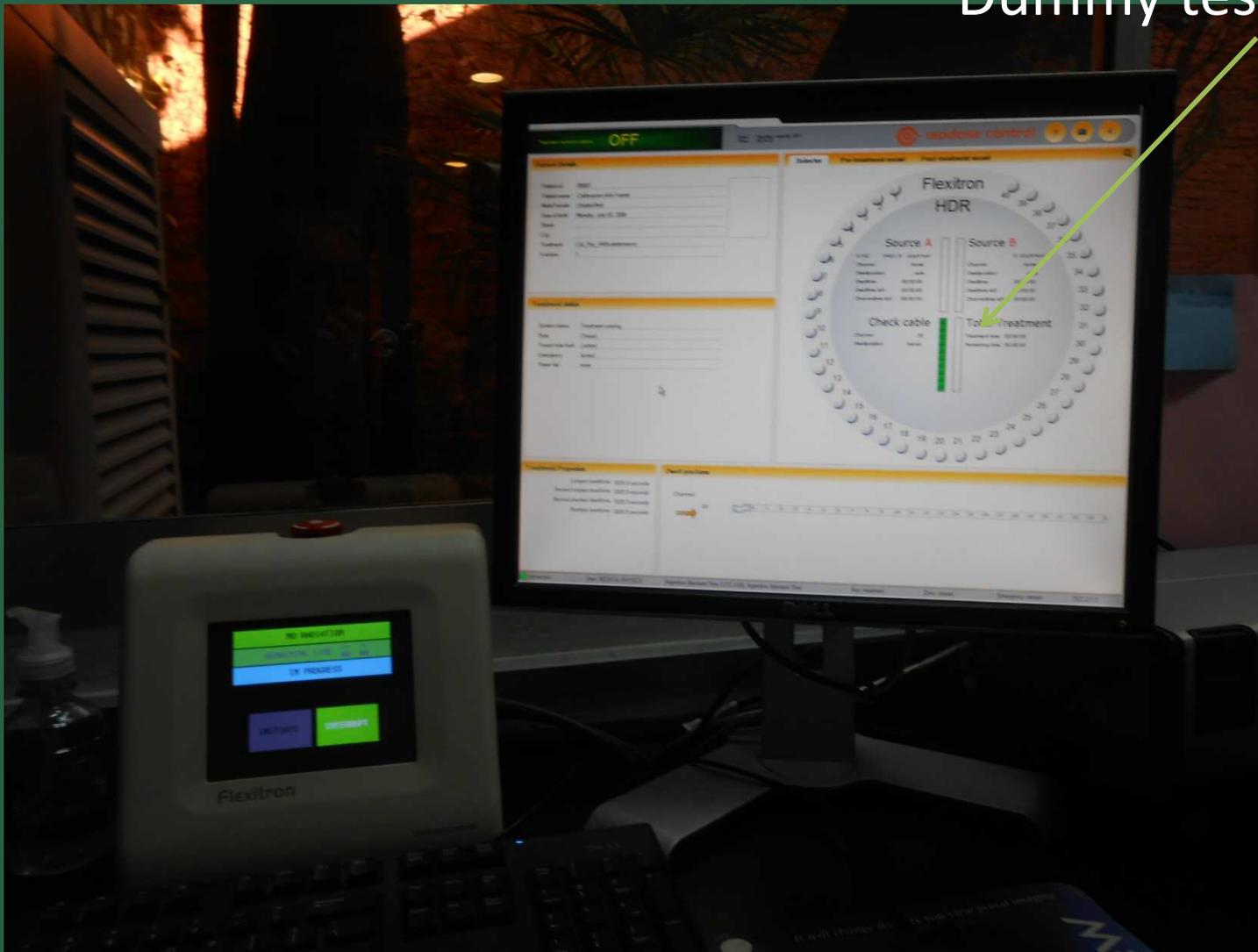
Consola de mando

Código del operador



Consola de mando

Dummy test OK

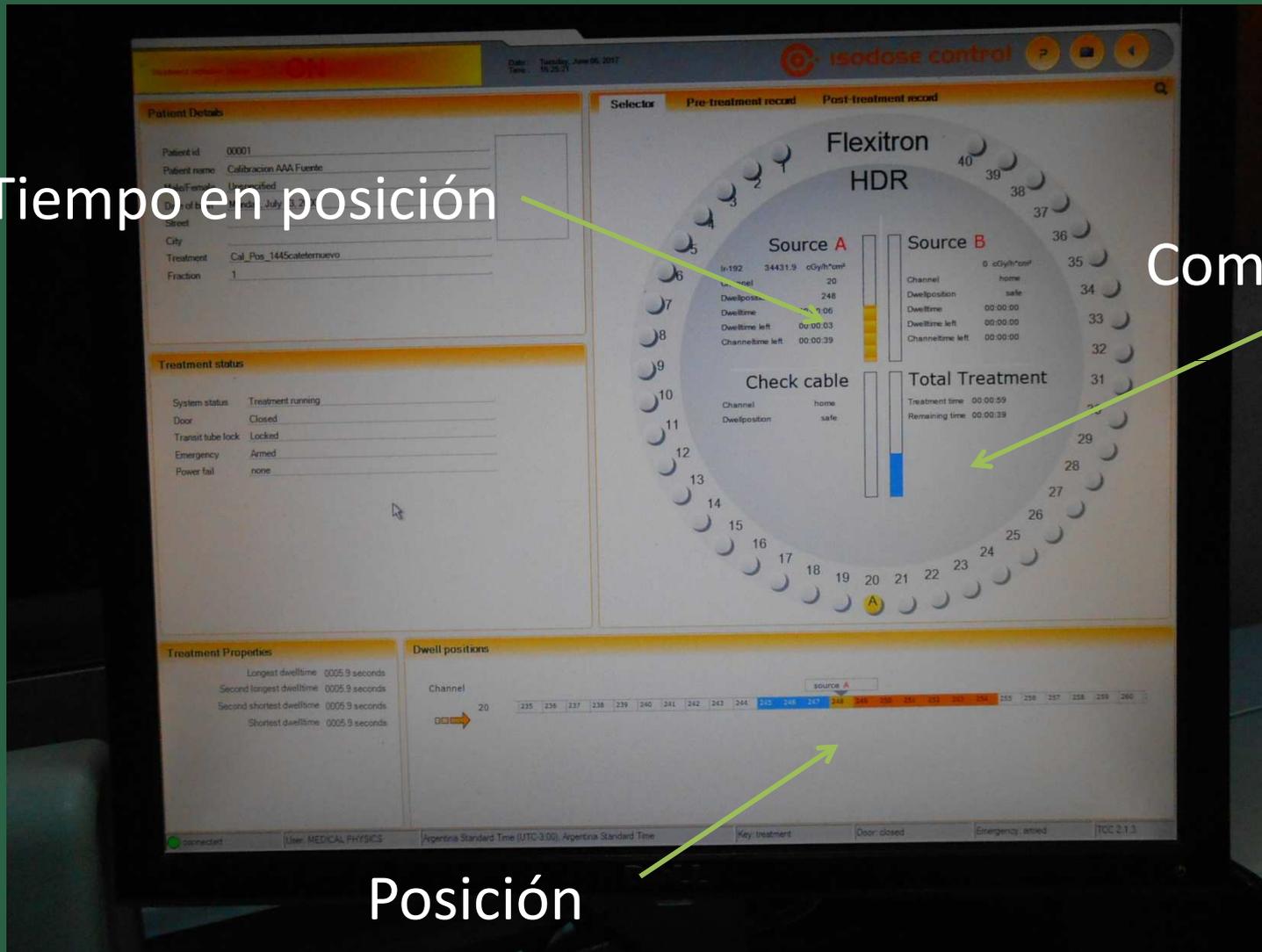


Consola de mando

Tiempo en posición

Completado

Posición

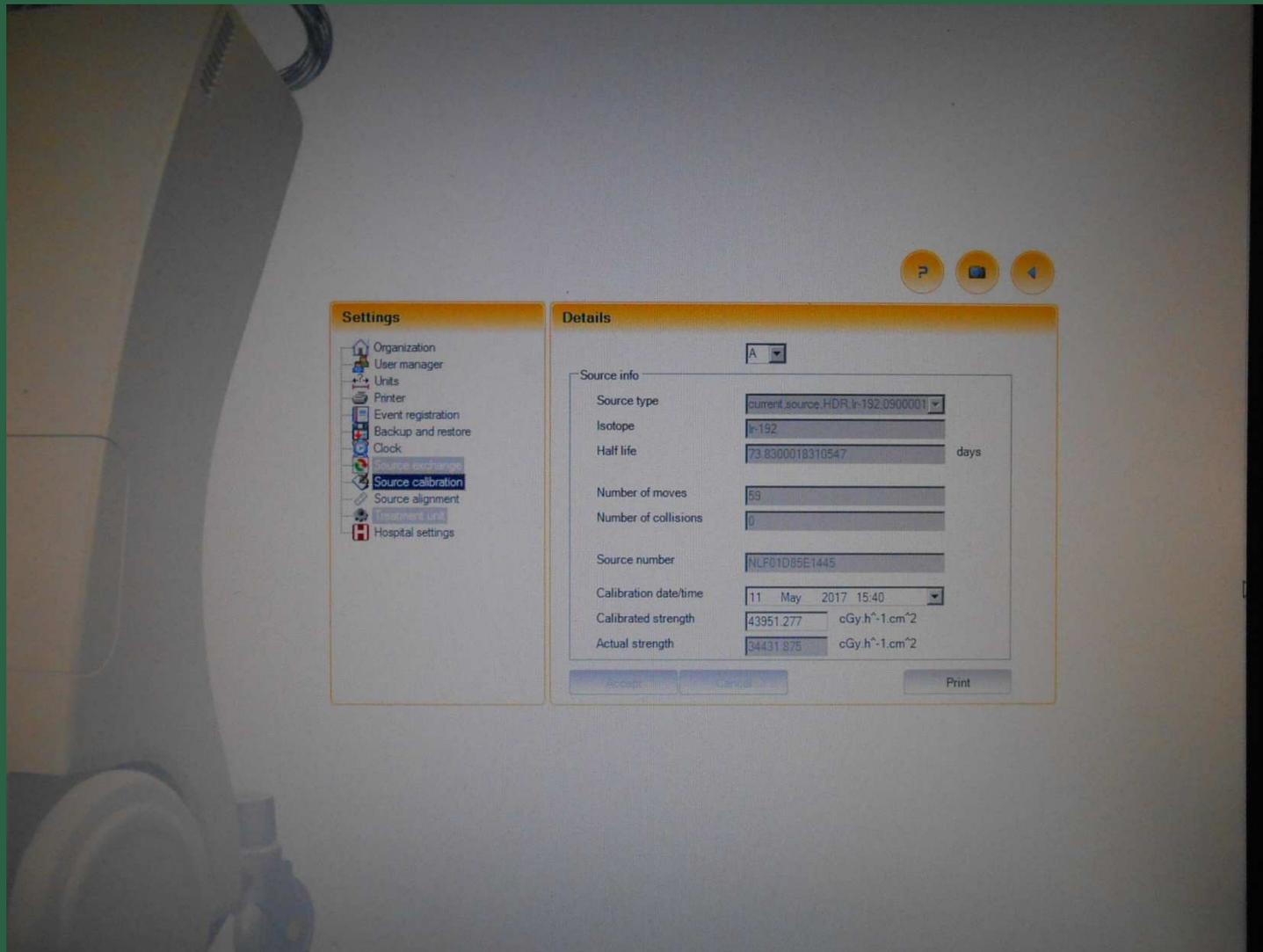


Consola de mando

Terminado

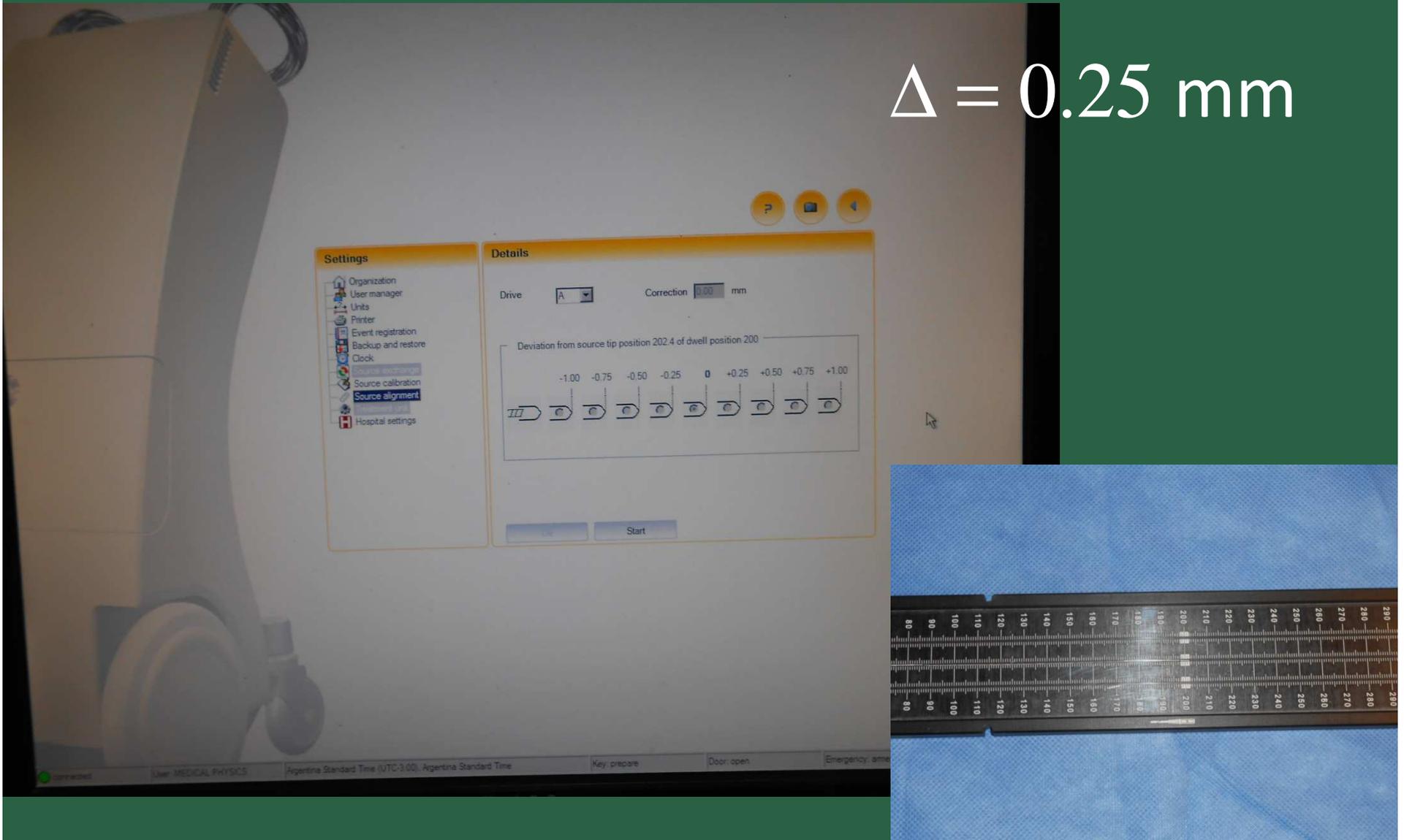


Calibración de la fuente



Ajuste de posición

$$\Delta = 0.25 \text{ mm}$$



Regla para visualización





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Riobamba 1745 – Rosario (SF)

Gracias por su atención

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GRUPO GAMMA
EMPRESAS DE SALUD

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