IROC HOUSTON QA CENTER

**HDR BRACHYTHERAPY DATA**

**1. AFTERLOADER IN-HOUSE DESCRIPTION**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* MANUFACTURER:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MODEL:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* DATE MACHINE STARTED CLINICAL USE: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

1. **HDR SOURCE DATA:**

Source Model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Source provider: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date when loaded: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Physical length \_\_\_\_\_\_ mm Active length \_\_\_\_\_\_\_mm (Attached copy of source certificate)

1. **SOURCE CALIBRATION**

Nominal Source Activity \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Units\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Manufacturer’s certificate activity \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ valid on \_\_\_\_\_\_\_\_\_\_\_\_\_

Institution’s calibration source strength \_\_\_\_\_\_\_\_\_\_\_valid on \_\_\_\_\_\_\_\_\_\_\_\_\_

**4. HDR DOSIMETER SYSTEM**

**a.** Chamber Model Serial No.

Electrometer Model Serial No.

Electrometer settings

**b.** System calibration factor Nc ke

Last calibrated by: Date\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Constancy checks.

How is the constancy of the chamber calibration monitored?

1. **HDR TREATMENT PLANNING SYSTEM**

TPS Manufacturer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Model:\_\_\_\_\_\_\_\_\_\_\_\_ Date installed:\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

TPS Software version:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Are software updates verified? 🞎 Yes 🞎 No If yes, how:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_