

# Therapeutic Medical Physics Clinical Experience

All clinical experience must be under the supervision of an ABR, ABMP or CCPM certified physicist.

The supervision must be as described in AAPM Medical Physics Practice Guideline 3.a: "Levels of supervision for medical physicists in clinical training."

Candidate Name: \_\_\_\_\_

Candidate ABR ID # \_\_\_\_\_

Supervisor Name: \_\_\_\_\_

**\*\*Please check the box for any activities completed under your supervision\*\***

## Linac QA and QC

- Annual QA including absolute calibration
- Monthly QA
- Patient-specific QA for IMRT, SRS, SBRT or IGRT procedures

## External beam treatment planning:

- Patient treatment plans (variety of cases and beam modalities)
- Monitor unit calculations (computerized and manual)
- Review of treatment plans performed by others
- Review of patient treatment records (weekly chart checks)

## CT Simulator

- QA
- Supervision of simulation procedures

## Brachytherapy

- Source calibrations, leak tests, and other QC
- Treatment planning (computerized and manual calculations)
- Treatment supervision, QA, and radiation safety
- Therapeutic use of radionuclides

## Maintenance of physics equipment

- In-house comparison of ionization chambers
- Calibration and testing of dosimetry systems, such as diodes, TLD/OSLD, scanning water phantom, ion chamber or diode array

## Radiation Protection

- Linac shielding design
- Linac protection survey

**I attest that the above-named candidate has completed the activities described above.**

- Medical knowledge
- Practice-based learning and improvement
- Interpersonal and communication skills
- Professionalism
- Systems-based practice

**I attest that the above-named candidate has been trained in the areas checked above, meets generally accepted standards for medical physics ethics, and is qualified to practice medical physics independently.**

Supervisor Signature \_\_\_\_\_ Date: \_\_\_\_\_