





**PLACE LABEL HERE**

**Institution Name**  
**Patient Initials**

**Institution No.**  
**RTOG Patient ID**

Notes:

\* An institution should have a primary means of IGRT.

KVCB = KV Cone Beam CT scan

MVCB = MV Cone Beam CT scan

KVCT = KV Fan Beam CT scan (e.g., in-room diagnostic CT)

MVCT = MV Fan Beam CT scan (e.g., Tomotherapy)

MVorth = MV orthogonal images

KVorth = KV orthogonal images

However, an institution may use a backup system for IGRT if necessary – for example if an institution’s KVCB is not working one day, they may use MVorth. Portal imaging with radiographic film (MVForth) can be used for backup only.

Provide some additional information for your imaging technique that will help to estimate imaging dose:

kV, mAs, MU# used: \_\_\_\_\_

CT scanning angles: \_\_\_\_\_

Other: \_\_\_\_\_

\*\* Record positive or negative numbers according to the followings:

With the patient lying in the conventional (supine) position with head towards gantry:

x axis = right-left (or medial-lateral), positive: from left to right

y axis = superior-inferior (or caudal-rostral), positive: from inferior to superior

z axis = anterior-posterior (or ventral-dorsal), positive: from posterior to anterior

$\theta_x$  variance (degrees) = rotation around the x axis (i.e. pitch), positive: counter-clockwise

$\theta_y$  variance (degrees) = rotation around the y axis (i.e. roll), positive: counter-clockwise

$\theta_z$  variance (degrees) = rotation around the z axis (i.e. yaw), positive: counter-clockwise

\*\*\*If a repositioning was made and the shift was  $\geq 2$  cm in any direction, either Re-imaging or Post-treatment imaging should be obtained (thus the patient will have two IGRT datasets for that day’s treatment).