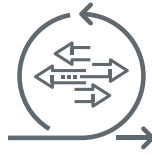




PRECISION MATTERS

Hypofractionation requires accurate and precise delivery to spare healthy tissue.



MOTION MANAGEMENT MATTERS

Effective treatments must account for tumor movement.



PATIENT COMFORT MATTERS

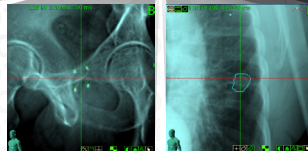
Effective treatments don't have to be invasive or uncomfortable.

CONFIDENCE IN MOTION



COMPUTER GUIDED ROBOTIC DELIVERY

INTRAFRACTION IMAGING



DYNAMIC PATIENT TRACKING AND TREATMENT DELIVERY

CONFIDENCE IN THE OUTCOMES THAT MATTER

FOR YOUR PATIENTS — AND YOUR PRACTICE



PRECISELY MAXIMIZE DOSE

Treat with sub-millimeter accuracy
Adapt to target motion in real-time



MINIMIZE SIDE EFFECTS

Reduce margins
Spare more healthy tissue



MAXIMIZE PATIENT COMFORT

Adapt treatment to the patient — not the other way around
Enable patients to lie comfortably and breathe naturally
Eliminate frames and rigid immobilization



TREAT A WIDE RANGE OF PATIENTS

Prostate, Intracranial,
Lung, Liver,
Pancreas, Spine

CyberKnife® CONFIDENCE IN MOTION

THE CYBERKNIFE® SYSTEM

With sub-millimeter precision and integrated real-time motion management

The CyberKnife System is optimized to deliver stereotactic radiosurgery and stereotactic body radiation therapy (SRS/SBRT) non-invasively throughout the body. Its ability to track and automatically correct for tumor motion during treatment enables delivery of high doses of radiation with extreme accuracy and precision, providing individualized treatments to meet each patient's needs.

The CyberKnife System delivers the right dose to the right location.



CONTINUAL IMAGING > REAL-TIME GUIDANCE > DYNAMIC TARGETING

INTRA-FRACTION IMAGING

- Integrated stereoscopic X-ray imaging system and floor detectors
- Continual intra-fraction imaging for daily patient alignment

AUTOMATIC MOTION TRACKING AND CORRECTION

- Real-time optical tracking and adaptation to target motion
- Anatomy-specific tracking modules: Synchrony® Respiratory Tracking, 6D Skull Tracking, Xsight® Spine Tracking, Xsight Lung

SYNCHRONY® RESPIRATORY TRACKING SYSTEM

- Optical tracking and breath monitoring
- Real-time correlation models adapt treatment delivery

ROBOTIC DELIVERY SYSTEM

CYBERKNIFE® MANIPULATOR
LINAC • ROBOCOUCH®

- Multi-planar workspace: multiple beams and thousands of entry points
- Sub-millimeter accuracy: accuracy specification <0.95mm; demonstrated accuracy <0.6mm^{1,2}
- Widest range of motion of any RT system
- Automatic 6D patient positioning
- Unmatched flexibility: non-isocentric and/or isocentric treatments; treat multiple targets without moving the patient

INCISE™ MULTILEAF COLLIMATOR

- Faster delivery times, fewer beams and higher dose coefficients
- Enhanced targeting for large, irregular tumors
- Expands treatment indications

THE CYBERKNIFE SYSTEM ENABLES YOU TO BE CONFIDENT THE TARGET IS WHERE THE BEAM IS WHEN TREATMENT IS DELIVERED.