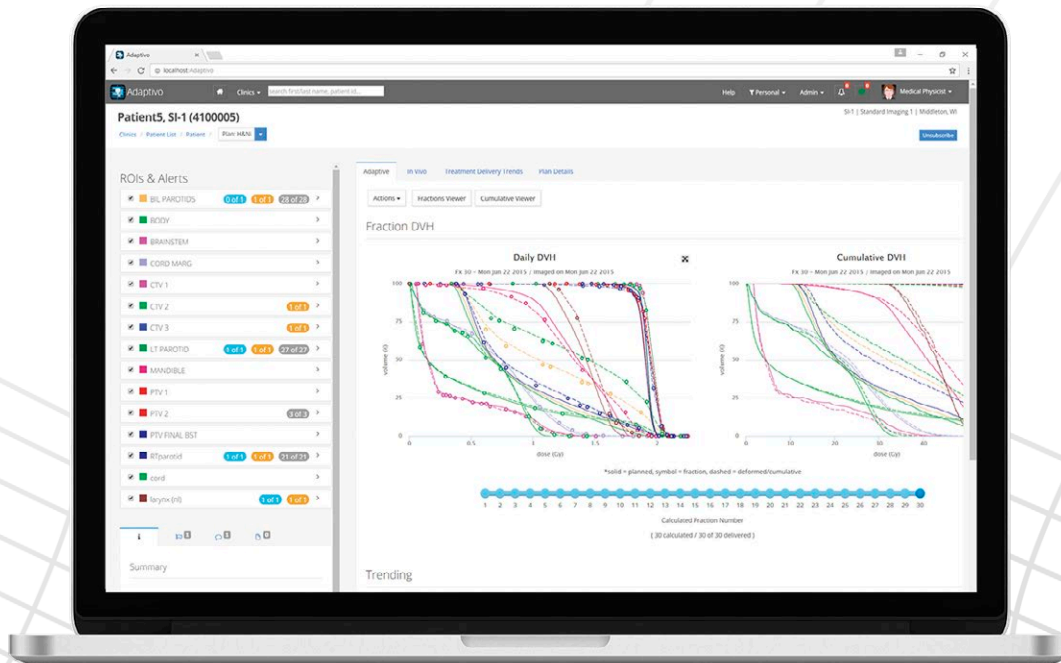




PATIENT DOSIMETRY

GET A TRUE PICTURE OF PATIENT AND DOSE AT EACH STAGE OF TREATMENT



ADAPTIVO

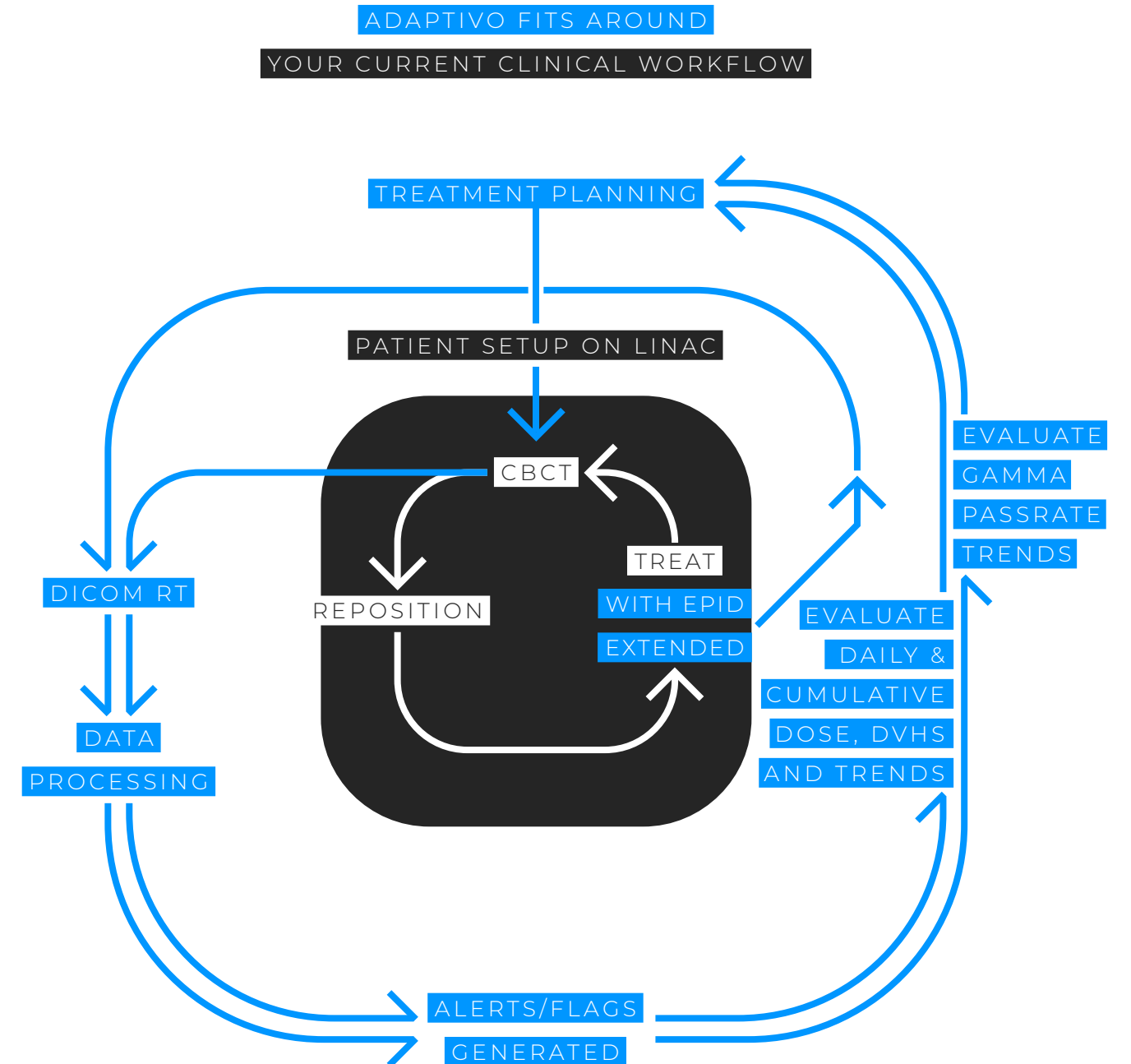
RADIOTHERAPY IS CONSTANTLY CHANGING, THEREFORE WE NEED TO ADAPT.

Adaptivo patient dosimetry software allows users to track and report the dosimetric impact of changes in patient anatomy and positioning. The software automatically imports and analyzes patients, presents data in a summary dashboard, and sends alerts for dose deviations needing attention. Adaptivo delivers clinically relevant actionable results, improves treatment quality, is billing compliant, and was created by clinical physicists for clinical physicists.



What Adaptivo has done overall is it has improved our quality of patient care because we are more conscientious of our set up of patients, indexing of patients, breath hold of patients, because the therapists are striving to have zero gamma failures. They get upset personally, when they get a gamma failure due to a clinical reason and we as a team work together. I think overall it is a great benefit to our patients.

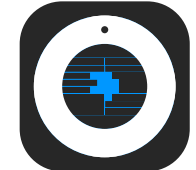
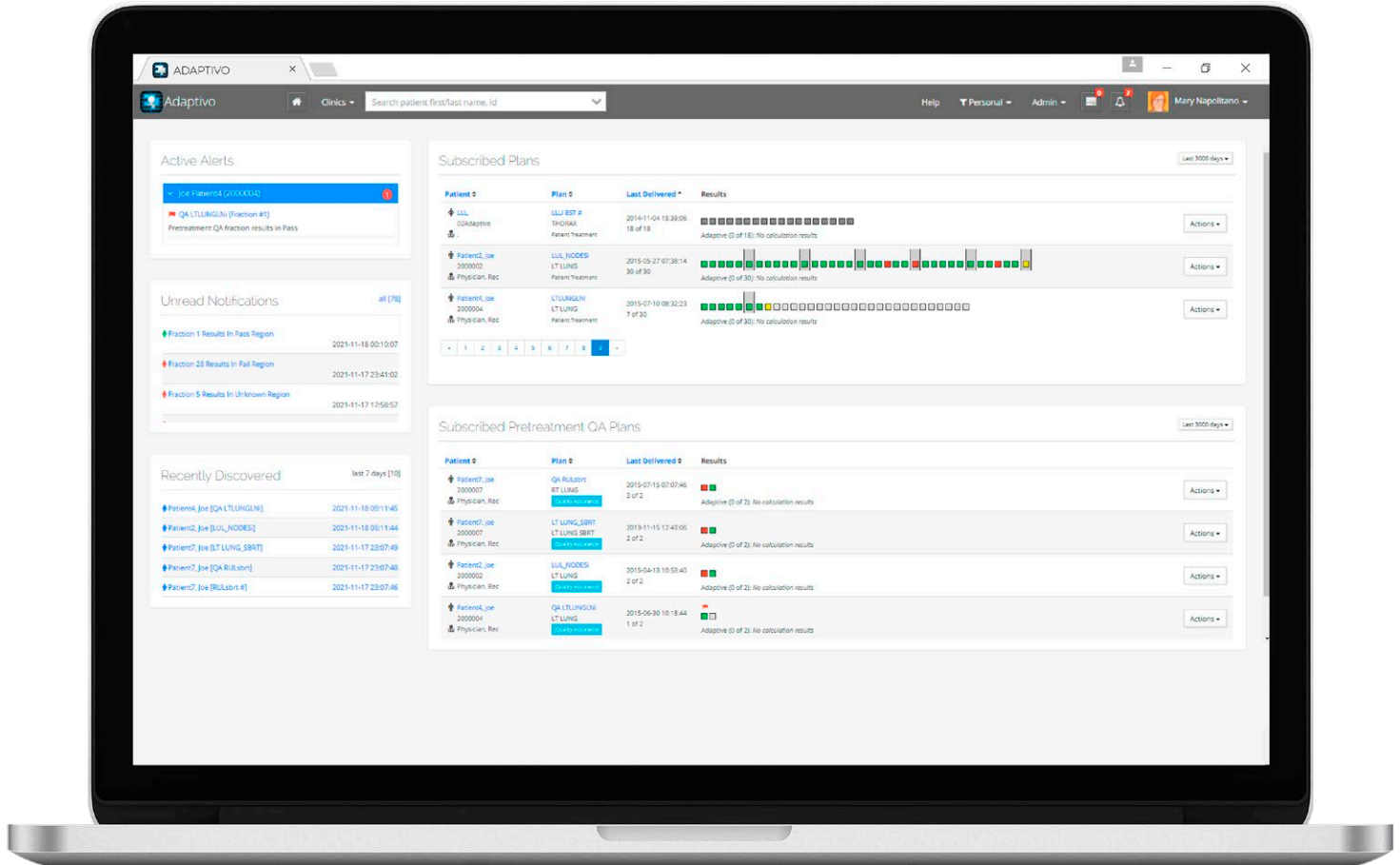
BRIAN POMIJE, D.A.B.R. MEDICAL PHYSICIST



PREDICTED VS. MEASURED EPID IMAGES

VERIFY PLAN DELIVERY

Adaptivo verifies IMRT and VMAT delivery for quick and easy pre-treatment QA using the integrated EPID panel. The software communicates directly with the R&V system, and will automatically compare measured results to the predicted image. Adaptivo emails notification of either each pre-treatment delivery or only those that fail the acceptance criteria.



PRETREATMENT



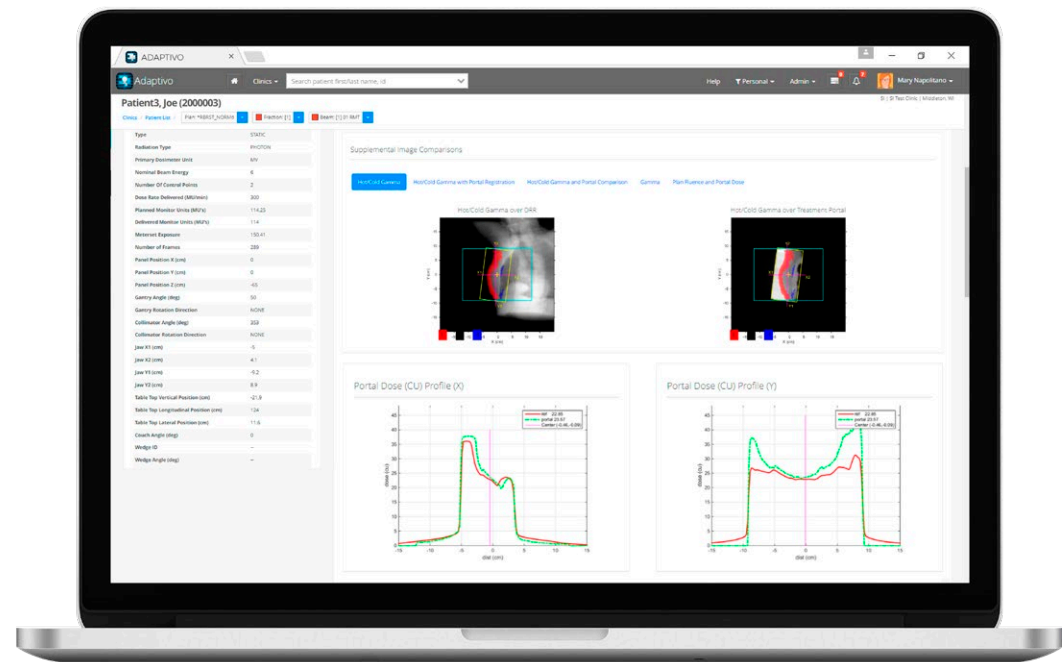
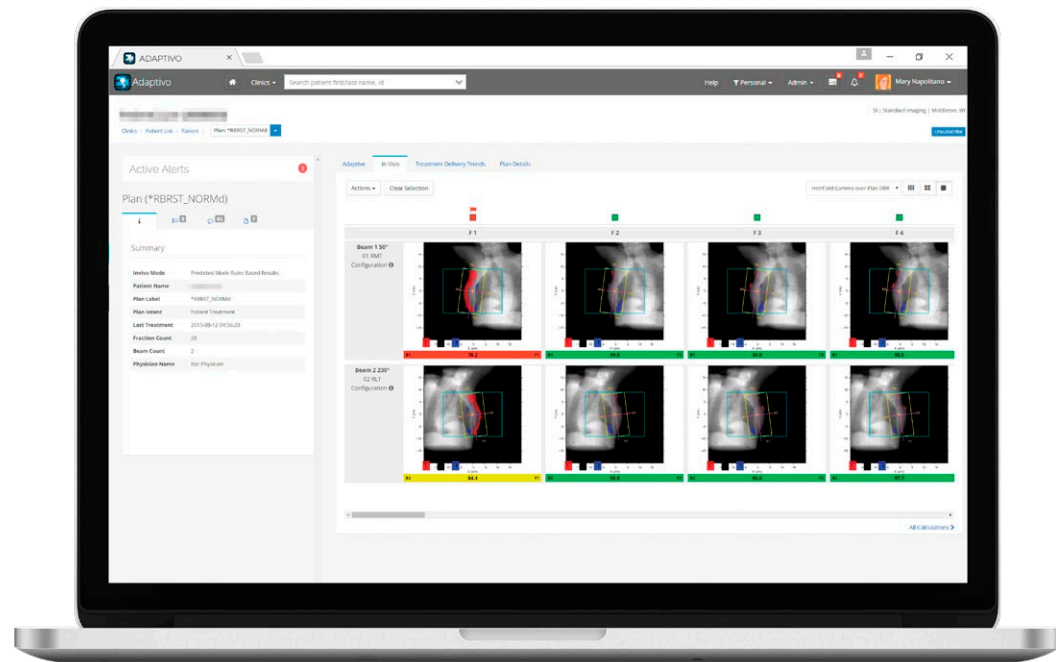
IN VIVO



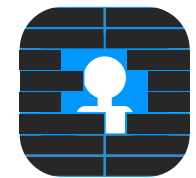
ADAPTIVE

DAILY EXIT DOSE MONITORING

VIEW PER BEAM METRICS, PER FRACTION METRICS, AND GAMMA METRICS



PRETREATMENT



IN VIVO



ADAPTIVE

Adaptivo performs portal to predicted and portal to portal comparisons. The software monitors exit dose from the patient to expose unforeseen deviations from the treatment plan

and setup without adding time to your clinical workflow. This proactive monitoring allows for more responsive, informed decisions. Overall quality of patient treatment is improved.



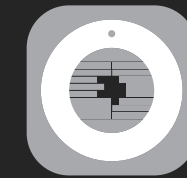
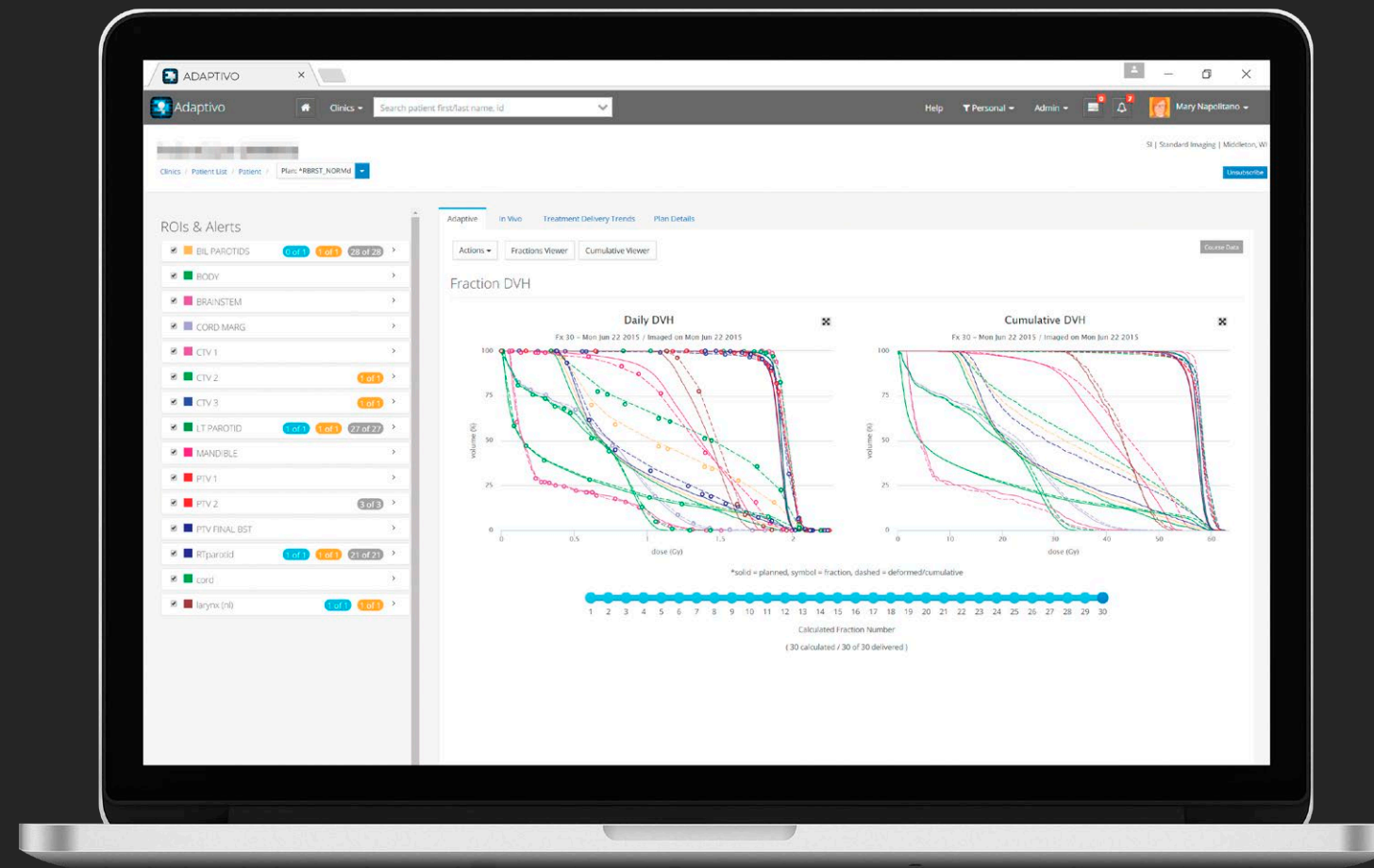
AT TOYOTA MEMORIAL HOSPITAL WE UTILIZE THE CONCEPT OF "JIDOKA" WHICH HIGHLIGHTS/VISUALIZES PROBLEMS. ADAPTIVO IS VERY CONFORMING TO SUCH A PROCESS. THEREFORE, WE CAN CARRY OUT SAFE RADIATION THERAPY.

JUNJI SUZUKI, PH.D.
SENIOR MEDICAL PHYSICIST
TOYOTA MEMORIAL HOSPITAL

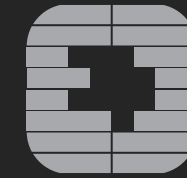
ACCOUNT FOR DELIVERED DOSE

REVIEW DAILY AND CUMULATIVE DVH

Adaptivo automatically maps the original planned contours to the daily CBCT images, so DVH curves can be generated using the daily dose calculated on the daily image. This deformable registration ensures changes in tumor size, weight loss, etc. are factored into both daily & cumulative dose and dose volume histogram (DVH) tracking.



PRETREATMENT



IN VIVO

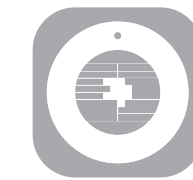


ADAPTIVE

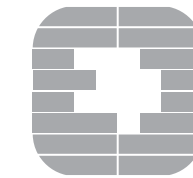
ADAPT WITH CONFIDENCE

GAIN INSIGHTS TO IMPROVE PATIENT TREATMENT

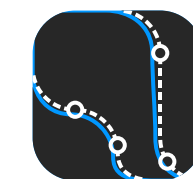
Adaptivo illuminates daily inconsistencies and cumulative dose deviations or trends. The complete view of delivered dose gives the data and confidence needed to validate necessary replanning. Radiation Oncologists can quickly judge whether a replan is required; focusing their attention on those plans that truly require altering, expediting the approval process and improving treatment quality.



PRETREATMENT



IN VIVO



ADAPTIVE

PATIENT DOSIMETRY

STANDARD IMAGING



www.standardimaging.com

800-261-4446 . PH 608-831-0025 . FAX 608-831-2202

3120 Deming Way Middleton WI 53562 USA

© 2021 Standard Imaging, Inc.

1393-03 (11.21)