

Anando Sen, Ph.D.

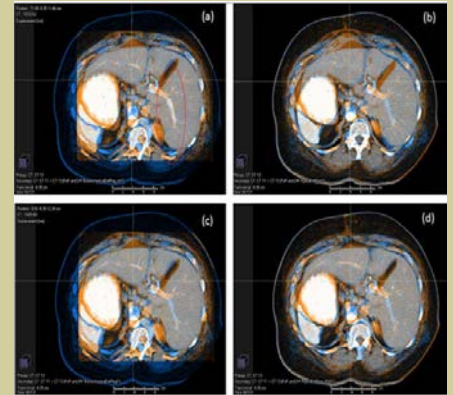
Research Investigator
Morfeus Lab

Current Projects

Radiation therapy is often used to treat inoperable cholangiocarcinomas (bile-duct cancer). In the Morfeus lab, I am part of the team that is developing and comparing deformable registration techniques for this purpose.

Due to the vast changes the liver can undergo during irradiation, deformable image registration is an attractive option for comparing pre and post-treatment images in order to assess the treatment.

I am also involved with correlative pathology, including small animal correlation of in vivo imaging and histo-pathology, as well as clinical correlation of in vivo imaging and histo-pathology to validate in vivo imaging signals.



Sen A, **Anderson B.M**, et. al. *A Comparison of Deformable Registration Techniques for Pre and Post-Treatment Cholangiocarcinoma CT Images*. AAPM Annual Conference. Nashville, TN. 07/2018