



# Kambiz Nael

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## **What is the practical role and challenges of Olea Sphere® post-processing software in your radiology environment?**

"I use Olea Sphere® for image post processing, analysis and interpretation of advanced imaging in our patients with brain tumor. The common diagnostic dilemma is often to differentiate post-treatment changes from tumor progression in patients with brain tumor including primary neoplasm such as glioma or metastasis who received treatment.

We used multiparametric MRI including DCE (Ktrans), DSC (rCBV) and Diffusion (ADC) in follow-up of these patients and our results over the last 3 years have been extremely promising.

By using Olea Sphere®, I take advantage of inherent noise-resistant nature of Bayesian deconvolution to accomplish both DCE and DSC perfusion using a routine (0.01 mmol/kg) of Gadolinium contrast.

**“Ease and accuracy of Olea Sphere® is excellent and makes “advanced image processing” feasible and a reality in our extremely busy clinical schedule.**

I really enjoy the automated workflow and ability to create my own algorithm that fits my diagnostic approach in interpretation of advanced brain tumor imaging.

## **What does Olea Sphere® bring you in terms of benefits for your own specialty?**

By using this automated workflow DCE, DSC and diffusion will be automatically processed and subsequently coregistered with conventional imaging such as FLAIR and T1-post-contrast images and will be available for me in the analysis module for final analysis and interpretation.

Ease and accuracy of this process is excellent and what it makes “advanced image processing” feasible and a reality in our extremely busy clinical schedule.”