

# T1 or T2, That is the Question! Making Sense of MRI Pulse Sequences in the Everyday World

Jeffrey Wesolowski, MD, MHSA

**Tuesday, September 12, 2017 • 6:30–7:30 p.m.**

*Light dinner at 6 p.m. / Program at 6:30 p.m.*

**Registration is required for all locations.**

Lagerquist Conference Rooms A & B  
St. Joseph Medical Center  
1717 South J St., Tacoma

**Airing through LiveMeeting:**  
The Boardroom, Harrison Bremerton  
2520 Cherry Ave., Bremerton

*Retain your attendance certificate to  
self-claim CME credit.*

Cedar 1 & 2, Highline Medical Center  
16251 Sylvester Road SW, Burien

MRI is a constantly evolving imaging modality with an ever-expanding range of uses. However, many health care professionals, are often confounded by the appearance of even basic pulse sequences. This presentation will cover the imaging features of core pulse sequences utilized in standard brain MRI, explaining their customary appearance and functions. Several situations will also be discussed where fewer pulse sequences can be obtained while still providing key imaging information.

## Objectives

- Be able to recognize basic brain MRI pulse sequences (T1, T2, FLAIR, DWI, Contrast-enhanced T1) based solely on imaging appearance.
- Have acquired a straightforward understanding of the main function of each of these pulse sequences.
- Utilizing A and B, be able to recognize various clinical scenarios when a pared down exam could be appropriate for select patients.

*No physics will be discussed.*



Jeffrey Wesolowski, MD, MHSA, received his medical degree from the University of Pittsburgh (Pittsburgh, PA) and his Master of Health Services Administration from the University of Michigan (Ann Arbor, MI). He completed a fellowship in Neuroradiology from Massachusetts General Hospital (Boston, MA). He is board-certified in Radiology with subspecialty certification in Neuroradiology. His medical research interests include imaging findings of head and neck pathologies. Dr. Wesolowski serves as a radiologist with Tacoma Radiology Associates-Medical Imaging Northwest (TRA-MINW).

## Upcoming Grand Rounds

Oct. 10: *Approach to the Dizzy Patient for the Modern Neurologist* / C. Andrew Sales, MD

Nov. 14: *Sleep-Wake Disturbances After Traumatic Brain Injuries* / Giorgio Turella, MD

[chifranciscan.org/neurograndrounds](http://chifranciscan.org/neurograndrounds)

## Register today!

Catered dinner is based on your registration.

**RSVP to Denise Beaudoin**

Email: [denisebeaudoin@chifranciscan.org](mailto:denisebeaudoin@chifranciscan.org)

Phone: (253) 426-4527