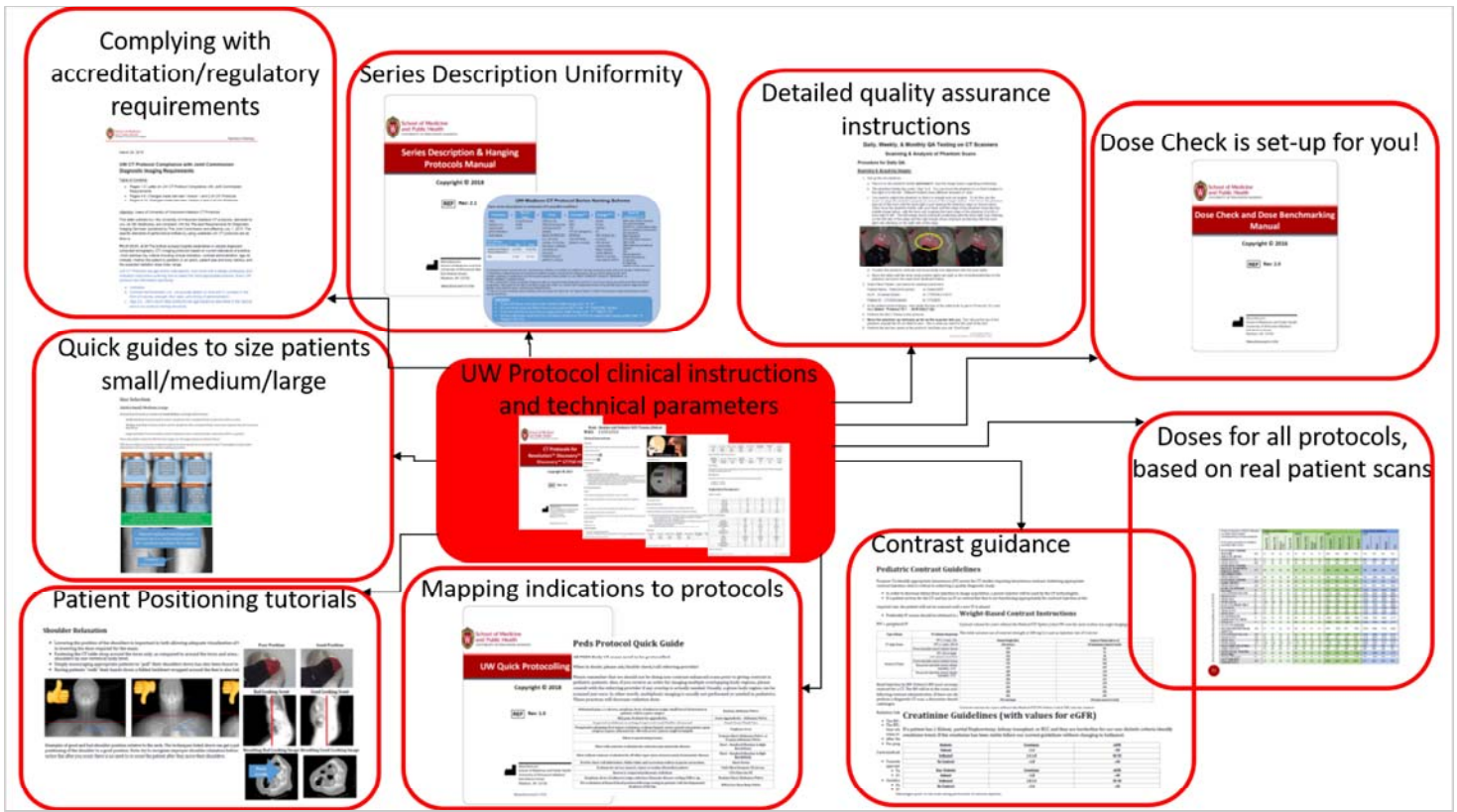# Additional UW CT Protocol Resources

In addition to the protocols contained in this manual, we've cultivated a website with additional resources to augment the protocols and assist your practice in all facets of CT scanning. As shown in the graphic on the next page and as found at the URL address below, we have many resources available, including the following:

https://www.radiology.wisc.edu/uw-ge-ct-protocol-project/resources/

- Mapping Indications to Protocols Quick Guide
    - This is a manual that is meant to be a quick reference guide for mapping diagnosis and indications to the UW protocols. We offer various protocols which are required to properly span patient size and the wide range of indications found in most radiology practices.

- Complying with Accreditation/Regulatory Requirements
    - By using the UW protocols, you are compliant with a number of Joint Commission Diagnostic Imaging Performance Criteria. Please see the letter on the website which itemizes this.

- Series Description and Hanging Protocols Uniformity
    - We have a vendor neutral manual that details homogeneous name reconstructions and assists the tech workflow with image hanging in PACS.

- Quality Assurance Instructions
    - This includes detailed instructions on Daily, Weekly and Monthly QA testing and analyzing for CT Scanners, including phantom scanning instructions, data collection worksheets, and step-by-step instructions on how to scan and gather measurement data for ACR and TJC compliance.

- Dose Check and Dose Benchmarking
    - We provide dose check values tuned to patient size and indication with instructions on how to enter them on your scanner. (All UW protocol discs will come with these already pre-loaded for you.)
    - We also incorporate dose data from thousands of UW patients scanned using these protocols, providing appropriate standard references.

- Contrast Guidance
    - Reference material is provided for daily tech use on: needle gauges, creatinine/eGFR levels, weight-based dosing, contrast media, and oral contrast mixtures.

- Patient Positioning Tutorials
    - Improper patient positioning can lead to poor image quality. This tutorial document goes over proper positioning to avoid degradation in spatial resolution and amplifications of image noise.

- Patient Size Selection Quick Guide
    - Many techs initially have trouble with our use of small/medium/large sized based scans. We created a manual and defined our default reconstruction FOV to mitigate any issues. This information is also included within this protocol manual.

Complying with accreditation/regulatory requirements

Series Description Uniformity

Detailed quality assurance instructions

Dose Check is set-up for you!

Quick guides to size patients small/medium/large

UW Protocol clinical instructions and technical parameters

Doses for all protocols, based on real patient scans

Patient Positioning tutorials

Mapping indications to protocols

Contrast guidance

We hope the collection of scanner protocols contained in this manual, and the plethora of resources on our website, will aide you in your effort to provide the best patient care possible!