MRI Devices 8 Channel NV Array
Coil Configuration Quickstep Guide

**8NVHEAD_A**
- ASSET Compatible
- Highest SNR for brain imaging
- Maximum FOV 24CM
- SCIC Recommended
- Not Compatible with spectroscopy

**Applications:**
- Brain / Cerebellum Imaging
- MRA COW

**8NVHEAD ONE RCVR**
- **NOT** ASSET Compatible
- Highest uniformity for brain imaging (decreased SNR compared to 8NVHEAD_A)
- Maximum FOV 24CM
- SCIC Recommended

**Applications:**
- Brain / Cerebellum Imaging
- Spectroscopy

**8NVHEAD NECK _A**
- ASSET Compatible
- Increased S/I coverage as compared to 8NVHEAD_A
- Maximum FOV 28CM
- SCIC Recommended

**Applications:**
- Brain Imaging (when extended S/I coverage is needed)
- Soft-tissue neck Imaging

**8NVHEAD NECK**
- **NOT** ASSET Compatible
- Increased S/I coverage as compared to 8NVHEAD_A
- More uniformity, but decreased SNR as compared to 8NVHEADNECK_A
- Maximum FOV 28CM
- SCIC Recommended

**Applications:**
- Brain Imaging (when extended S/I coverage is needed)
- Soft-tissue neck Imaging
**MRI Devices 8 Channel NV Array**

Coil Configuration Quickstep Guide

**8NVARRAY_A**
- **ASSET Compatible**
- **Maximum FOV 40CM**
- **SCIC Recommended**
- Not recommended for angiographic exams

**Applications:**
- Cervical Spine
- Soft tissue Neck

**8NVANGIO_A**
- **ASSET Compatible**
- Optional Configuration. For install, contact your GE Field Service Representative
- **Maximum FOV 40CM**
- **SCIC Recommended**
- Improved uniformity as compared to 8NVARRAY_A

**Applications:**
- Carotid angiographic studies with ASSET

**8NVANGIO_LAT**
- **NOT ASSET Compatible**
- Largest FOV coverage for Angio imaging
- **Maximum FOV 40CM**
- **SCIC Recommended**

**Applications:**
- Angio imaging of the Brain and Neck

**8NVANGIO_MED**
- **NOT ASSET Compatible**
- Reduced R>L coil coverage to reduce phase wrap from shoulder anatomy
- **Maximum FOV 40CM**
- **SCIC Recommended**

**Applications:**
- All Angio imaging of the head and neck
- Soft-tissue neck Imaging