

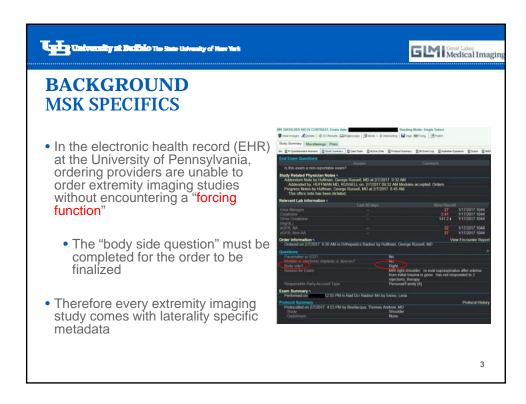


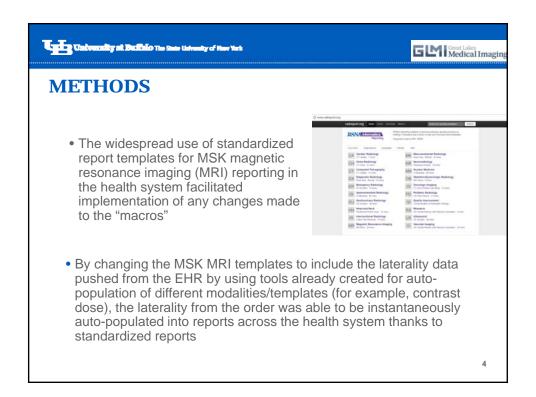


BACKGROUND LATERALITY AND DIAGNOSTIC RADIOLOGY

- Wrong Site Prevention:
 - Many resources have been employed by procedural specialties to minimize & eliminate wrong site procedures
 - There has been near universal implementation of pre-procedure "time outs" to verify correct site since JCAHO sentinel event policy was adopted
- Diagnostic radiology (image interpretation) has not employed as many resources to prevent misidentification of site
- Prior to our project all laterality references in musculoskeletal (MSK) radiology reports were manually entered by the interpreting radiologist and therefore prone to human error

2









METHODS

- Using Montage Health systems (Nuance) Quality Control Module the total number of studies across the health system and those "Flagged for Laterality Errors" were queried with 3 different parameters:
 - 1- All radiology reports from an entire calendar year before auto-population of laterality
 - 2- MRI reports read by MSK radiologists from the same calendar year before auto-population of laterality
 - 3- MRI reports from same group of MSK radiologists after autopopulation of laterality (4 months of data)

5

