

## Supplementary Appendix E: Risk/Benefit Table

Expected Possible Benefits of MSUS	Expected Possible Negative Consequences of MSUS
Faster diagnosis	Anxiety
More accurate diagnosis	Increased discomfort/pain vs. unguided procedures (bruising sepsis)
Optimized treatment	Time lost from work, side-effects from inappropriate medications
Improved needle placement accuracy	Oversensitivity/false positive on MSUS might lead to a more invasive procedure
Greater relief of pain	Inappropriate treatment
Improved Outcomes from guided injections	Increased utilization, and complications related to local injections
More rapid relief of pain	False negatives
Greater improvement in functional capacity	Over-utilization of resources
Prognostic stratification	Increased utilization, inappropriate therapy
Better measurement of treatment outcomes	Over reliance on single outcome measure
Reduction in procedural pain	Complications of documentation: acquisition of digital images and importing into EHR
Improved patient satisfaction	
Improved provider satisfaction	