**Appendix 1**

**Scoring for Guideline Aspect Measures**

*Imaging*

1. X-rays

1=Had first X-ray sometime between days 1 and 28 from the episode start date

0=Did not have any X-rays during this first 28-day period

1. MRI/CT (28 days)

1=Had first MRI or CT sometime between days 1 and 28 from episode start date

0=Did not have any MRIs or CTs during this first 28-day period

1. MRI/CT (84 days)

1=Had first MRI or CT sometime between days 1 and 84 from episode start date

0=Did not have any MRIs or CTs during this first 84-day period

*Provider*

1. PT/Chiro visit

1=Had first PT or Chiropractic visit between days 1 and 14 from episode start date

0=Did not have PT or Chiropractic visit during this first 14-day period

*Surgery*

1. Surgery (42 days)

 1=Had major back-related surgery between days 1 and 42 from episode start date

 0=Did not have back-related surgery during this first 42-day period

1. Surgery (365 days)

 1=Had major back-related surgery between days 1 and 365 from episode start date

 0=Did not have back-related surgery during this first 365-day period

*Medication*

1= Filled at least one Rx (monotherapy or combination therapy)

 during the first 84 days AND after the 84-day mark

0= Did not do BOTH of these actions

1. Opioids
2. NSAIDs
3. Other Pain

1= Filled at least one Rx (monotherapy or combination therapy)

 during the first 28 days AND after the 28-day mark

0=Did not do BOTH of these actions

1. Muscle Relaxants
2. Benzodiazepines