**Appendices**

**Appendix A:**Data collection sheet for demographic, clinical, and procedural information by chart review

1.    Age at the time of initial MRI                                                    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2.    Sex:                                                                                             M     F

3.    BMI:                                                                                           \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4.    Smoker at start:                                                                          Y      N

5.    Smoker at end:                                                                           Y      N

6.    Date at initial presentation:                                                         \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7.    Date of first MRI:                                                                       \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8.    Date of second MRI:                                                                  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9.    Reason for first MRI:                                                                 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10.  Reason for second MRI:                                                             \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11.  Date of lumbar discography procedure (Group A):                   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12.  Side of annular puncture during discography (in Group A):     \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13.  Levels of discography (in Group A):                                         \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14.  Needle gauge used during discography (in Group A):              \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15.  Microdiscectomy after discography:                                          Y      N

16.  Microdiscectomy level(s):                                                          \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17.  Microdiscectomy sides(s) at corresponding level(s):                \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18.  Other lumbar surgery after discography:                                   Y      N

19.  Type of other lumbar surgery:                                                    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20.  Level(s) of other lumbar surgery:                                               \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21.  Sides(s) of other lumbar surgery:                                               \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

22.  Intradiscal therapy after discography:                                        Y      N

23.  Intradiscal therapy level(s):                                                        \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

24.  Intradiscal therapy sides(s) at corresponding level(s):               \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25.  Spinal infection after discography:                                            Y      N

26.  Type of spinal infection:                                                             \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

27.  Spinal infection level(s):                                                            \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

28.  Spinal infection sides(s) at corresponding level(s):                    \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Appendix B:**Standardized Data collection sheet for MRI interpretation

Unique Subject Code:  \_\_\_\_\_\_\_\_

MRI #1  or MRI #2 (circle one)

L1-L2 disc**\***:

  Discography at this level?         Yes     No

  Side of discography:                  Left     Right   n/a

  Pfirrmann score:                         I                II               III                IV                V

  Disc-to-CSF T2-signal

   intensity ratio                             \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

  Disc height (mm)

  (maximal between end plates):   \_\_\_\_\_\_\_\_\_\_\_\_mm

  Disc Bulge/Herniation:               N/A     Bulge   Herniation

  Disc Location:                             Left     Right

  HIZ:                                             Yes     No

  HIZ Location:                              Left     Right

  Modic Changes                            Yes     No

       Type                                        I              II                III

        Discography at this level?     Yes      No

\*Identical questions repeated for L2-L3, L3-L4, L4-L5, and L5-S1 discs on separate pages note shown here.